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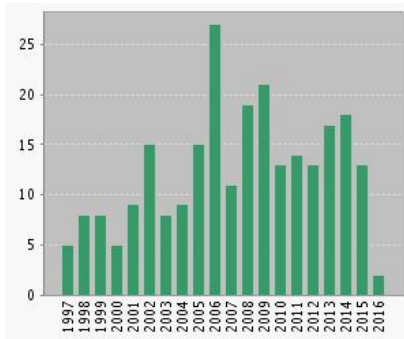
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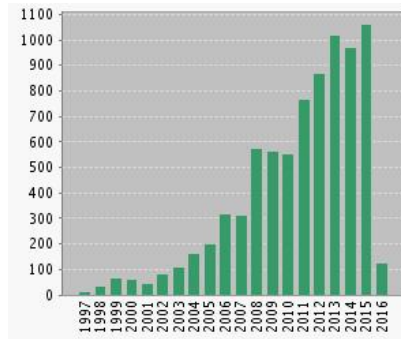
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<input type="checkbox"/> 1. Review and comparison of models for describing non-equilibrium and preferential flow and transport in the vadose zone By: Simunek, J; Jarvis, NJ; van Genuchten, MT; et al. JOURNAL OF HYDROLOGY Volume: 272 Issue: 1-4 Pages: 14-35 Article Number: PII S0022-1694(02)00252-4 Published: MAR 10 2003	48	30	39	37	3	376	26.86
<input type="checkbox"/> 2. Development and applications of the HYDRUS and STANMOD software packages and related codes By: Simunek, Jiri; van Genuchten, Martinus Th.; Sejna, Miroslav VAPOSE ZONE JOURNAL Volume: 7 Issue: 2 Pages: 587-600 Published: MAY 2008	50	68	62	51	6	319	35.44
<input type="checkbox"/> 3. Modeling colloid attachment, straining, and exclusion in saturated porous media By: Bradford, SA; Simunek, J; Bettahar, M; et al. ENVIRONMENTAL SCIENCE & TECHNOLOGY Volume: 37 Issue: 10 Pages: 2242-2250 Published: MAY 15 2003	21	26	30	26	1	248	17.71
<input type="checkbox"/> 4. Physical factors affecting the transport and fate of colloids in saturated porous media By: Bradford, SA; Yates, SR; Bettahar, M; et al. WATER RESOURCES RESEARCH Volume: 38 Issue: 12 Article Number: 1327 Published: DEC 31 2002	12	20	23	27	0	239	15.93

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| <input type="checkbox"/> | 5. | MODELING OF CARBON-DIOXIDE TRANSPORT AND PRODUCTION IN SOIL .1. MODEL DEVELOPMENT | 11 | 15 | 8 | 11 | 1 | 162 | 6.75 |
| | | By: SIMUNEK, J; SUAREZ, DL
WATER RESOURCES RESEARCH Volume: 29 Issue: 2 Pages: 487-497
Published: FEB 1993 | | | | | | | |
| <input type="checkbox"/> | 6. | Estimating unsaturated soil hydraulic properties from tension disc infiltrometer data by numerical inversion | 6 | 12 | 14 | 7 | 0 | 151 | 7.19 |
| | | By: Simunek, J; vanGenuchten, MT
WATER RESOURCES RESEARCH Volume: 32 Issue: 9 Pages: 2683-2696
Published: SEP 1996 | | | | | | | |
| <input type="checkbox"/> | 7. | Modeling nonequilibrium flow and transport processes using HYDRUS | 23 | 28 | 20 | 28 | 3 | 145 | 16.11 |
| | | By: Simunek, Jirka; van Genuchten, Martinus Th.
VADOSE ZONE JOURNAL Volume: 7 Issue: 2 Pages: 782-797 Published:
MAY 2008 | | | | | | | |
| <input type="checkbox"/> | 8. | Fate and transport of 17 beta-estradiol in soil-water systems | 13 | 13 | 16 | 8 | 0 | 145 | 10.36 |
| | | By: Casey, FXM; Larsen, GL; Hakk, H; et al.
ENVIRONMENTAL SCIENCE & TECHNOLOGY Volume: 37 Issue: 11
Pages: 2400-2409 Published: JUN 1 2003 | | | | | | | |
| <input type="checkbox"/> | 9. | Calibration of a two-dimensional root water uptake model | 12 | 21 | 12 | 8 | 2 | 136 | 8.50 |
| | | By: Vrugt, JA; Hopmans, JW; Simunek, J
SOIL SCIENCE SOCIETY OF AMERICA JOURNAL Volume: 65 Issue: 4
Pages: 1027-1037 Published: JUL-AUG 2001 | | | | | | | |
| <input type="checkbox"/> | 10. | One-, two-, and three-dimensional root water uptake functions for transient modeling | 12 | 12 | 12 | 18 | 1 | 127 | 7.94 |
| | | By: Vrugt, JA; van Wijk, MT; Hopmans, JW; et al.
WATER RESOURCES RESEARCH Volume: 37 Issue: 10 Pages: 2457-2470
Published: OCT 2001 | | | | | | | |

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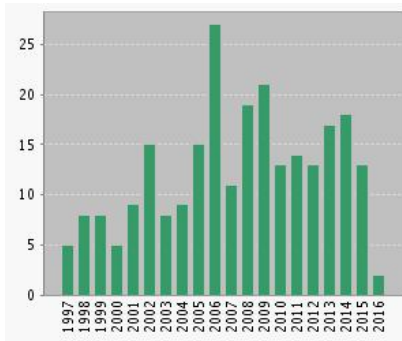
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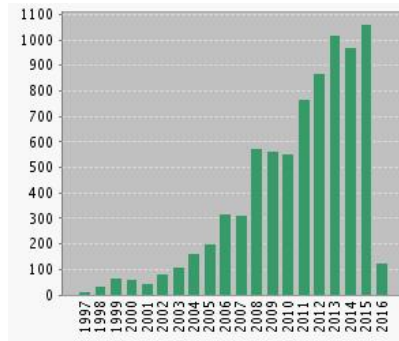
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<input type="checkbox"/> 11. Water flow and heat transport in frozen soil: Numerical solution and freeze-thaw applications By: Hansson, K; Simunek, J; Mizoguchi, M; et al. VADOSE ZONE JOURNAL Volume: 3 Issue: 2 Pages: 693-704 Published: MAY 2004	15	23	19	18	2	123	9.46
<input type="checkbox"/> 12. Comparison of HYDRUS-2D simulations of drip irrigation with experimental observations By: Skaggs, TH; Trout, TJ; Simunek, J; et al. JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING-ASCE Volume: 130 Issue: 4 Pages: 304-310 Published: JUL-AUG 2004	15	22	11	11	1	117	9.00
<input type="checkbox"/> 13. A review of model applications for structured soils: a) Water flow and tracer transport By: Koehne, John Maximilian; Koehne, Sigrid; Simunek, Jirka JOURNAL OF CONTAMINANT HYDROLOGY Volume: 104 Issue: 1-4 Special Issue: SI Pages: 4-35 Published: FEB 16 2009	27	20	21	21	2	113	14.12
<input type="checkbox"/> 14. Straining and attachment of colloids in physically heterogeneous porous media By: Bradford, SA; Bettahar, M; Simunek, J; et al. VADOSE ZONE JOURNAL Volume: 3 Issue: 2 Pages: 384-394 Published: MAY 2004	7	11	9	9	1	109	8.38

- | | | | | | | | | |
|--------------------------|---|----|----|----|----|---|-----|-------|
| <input type="checkbox"/> | 15. Numerical analysis of coupled water, vapor, and heat transport in the vadose zone
By: Saito, H; Simunek, J; Mohanty, BP
VADOSE ZONE JOURNAL Volume: 5 Issue: 2 Pages: 784-800 Published: MAY 2006 | 13 | 15 | 19 | 14 | 0 | 101 | 9.18 |
| <input type="checkbox"/> | 16. Modeling compensated root water and nutrient uptake
By: Simunek, Jiri; Hopmans, Jan W.
ECOLOGICAL MODELLING Volume: 220 Issue: 4 Pages: 505-521
Published: FEB 24 2009 | 21 | 17 | 13 | 26 | 3 | 99 | 12.38 |
| <input type="checkbox"/> | 17. Two-dimensional modeling of nitrate leaching for various fertigation scenarios under micro-irrigation
By: Gardenas, Al; Hopmans, JW; Hanson, BR; et al.
AGRICULTURAL WATER MANAGEMENT Volume: 74 Issue: 3 Pages: 219-242
Published: JUN 15 2005 | 14 | 18 | 9 | 7 | 5 | 97 | 8.08 |
| <input type="checkbox"/> | 18. UNSATCHEM: Unsaturated water and solute transport model with equilibrium and kinetic chemistry
By: Suarez, DL; Simunek, J
SOIL SCIENCE SOCIETY OF AMERICA JOURNAL Volume: 61 Issue: 6
Pages: 1633-1646 Published: NOV-DEC 1997 | 11 | 6 | 6 | 6 | 1 | 94 | 4.70 |
| <input type="checkbox"/> | 19. Parameter estimation analysis of the evaporation method for determining soil hydraulic properties
By: Simunek, J; Wendroth, O; van Genuchten, MT
SOIL SCIENCE SOCIETY OF AMERICA JOURNAL Volume: 62 Issue: 4
Pages: 894-905 Published: JUL-AUG 1998 | 2 | 6 | 2 | 8 | 0 | 92 | 4.84 |
| <input type="checkbox"/> | 20. 2-DIMENSIONAL TRANSPORT MODEL FOR VARIABLY SATURATED POROUS-MEDIA WITH MAJOR ION CHEMISTRY
By: SIMUNEK, J; SUAREZ, DL
WATER RESOURCES RESEARCH Volume: 30 Issue: 4 Pages: 1115-1133
Published: APR 1994 | 2 | 4 | 3 | 7 | 0 | 89 | 3.87 |

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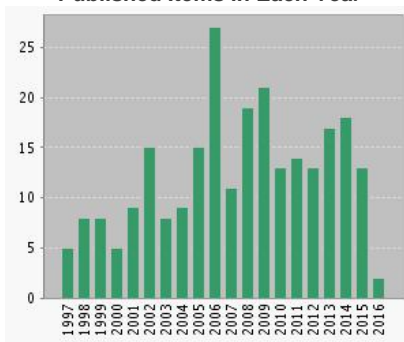
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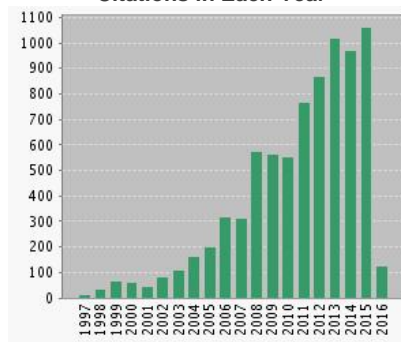
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<input type="checkbox"/> 21. Significance of straining in colloid deposition: Evidence and implications By: Bradford, S. A.; Simunek, J.; Bettahar, M.; et al. WATER RESOURCES RESEARCH Volume: 42 Issue: 12 Article Number: W12S15 Published: NOV 1 2006	13	12	8	1	0	87	7.91
<input type="checkbox"/> 22. A review of model applications for structured soils: b) Pesticide transport By: Koehne, John Maximilian; Koehne, Sigrid; Simunek, Jirka JOURNAL OF CONTAMINANT HYDROLOGY Volume: 104 Issue: 1-4 Pages: 36-60 Published: FEB 16 2009	18	19	8	14	4	85	10.62
<input type="checkbox"/> 23. Flow rate dependence of soil hydraulic characteristics By: Wildenschild, D; Hopmans, JW; Simunek, J SOIL SCIENCE SOCIETY OF AMERICA JOURNAL Volume: 65 Issue: 1 Pages: 35-48 Published: JAN-FEB 2001	6	5	5	5	1	85	5.31
<input type="checkbox"/> 24. Evaluation of urea-ammonium-nitrate fertigation with drip irrigation using numerical modeling By: Hanson, Blaine R.; Simunek, Jirka; Hopmans, Jan W. AGRICULTURAL WATER MANAGEMENT Volume: 86 Issue: 1-2 Pages: 102-113 Published: NOV 16 2006	10	16	8	16	5	81	7.36
<input type="checkbox"/> 25.	9	6	11	4	0	81	6.75

Sorption, mobility, and transformation of estrogenic hormones in natural soil

By: Casey, FXM; Simunek, J; Lee, J; et al.
 JOURNAL OF ENVIRONMENTAL QUALITY Volume: 34 Issue: 4 Pages:
 1372-1379 Published: JUL-AUG 2005

- | | | | | | | | | | | | | |
|--------------------------|-----|---|---|----|----|----|---|----|------|--|--|--|
| <input type="checkbox"/> | 26. | Fate and transport of testosterone in agricultural soils | | | | | | | | | | |
| | | By: Casey, FXM; Hakk, H; Simunek, J; et al.
ENVIRONMENTAL SCIENCE & TECHNOLOGY Volume: 38 Issue: 3 Pages:
790-798 Published: FEB 1 2004 | 8 | 8 | 9 | 6 | 1 | 81 | 6.23 | | | |
| <input type="checkbox"/> | 27. | Colloid-facilitated solute transport in variably saturated porous media: Numerical model and experimental verification | | | | | | | | | | |
| | | By: Simunek, Jirka; He, Changming; Pang, Liping; et al.
VADOSE ZONE JOURNAL Volume: 5 Issue: 3 Pages: 1035-1047
Published: AUG 2006 | 9 | 12 | 11 | 10 | 0 | 79 | 7.18 | | | |
| <input type="checkbox"/> | 28. | Straining of colloids at textural interfaces | | | | | | | | | | |
| | | By: Bradford, SA; Simunek, J; Bettahar, M; et al.
WATER RESOURCES RESEARCH Volume: 41 Issue: 10 Article Number:
W10404 Published: OCT 11 2005 | 7 | 8 | 5 | 6 | 0 | 75 | 6.25 | | | |
| <input type="checkbox"/> | 29. | Transport and straining of E-coli O157 : H7 in saturated porous media | | | | | | | | | | |
| | | By: Bradford, Scott A.; Simunek, Jirka; Walker, Sharon L.
WATER RESOURCES RESEARCH Volume: 42 Issue: 12 Article Number:
W12S12 Published: NOV 18 2006 | 4 | 12 | 6 | 6 | 1 | 74 | 6.73 | | | |
| <input type="checkbox"/> | 30. | Leaching requirement for soil salinity control: Steady-state versus transient models | | | | | | | | | | |
| | | By: Corwin, Dennis L.; Rhoades, James D.; Simunek, Jirka
AGRICULTURAL WATER MANAGEMENT Volume: 90 Issue: 3 Pages: 165-
180 Published: JUN 16 2007 | 7 | 15 | 10 | 9 | 1 | 70 | 7.00 | | | |

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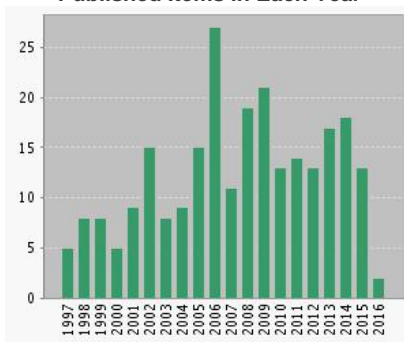
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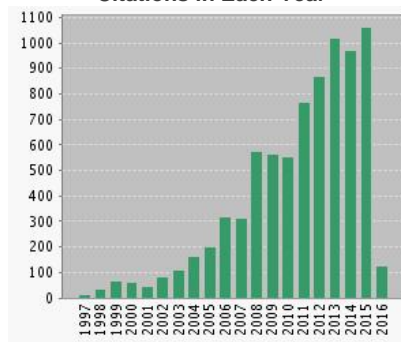
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<input type="checkbox"/> 31. Variations in flow and transport in thick desert vadose zones in response to paleoclimatic forcing (0-90 kyr): Field measurements, modeling, and uncertainties By: Scanlon, BR; Keese, K; Reedy, RC; et al. WATER RESOURCES RESEARCH Volume: 39 Issue: 7 Article Number: 1179 Published: JUL 10 2003	3	7	3	4	0	70	5.00
<input type="checkbox"/> 32. Modeling variably saturated water flow and multicomponent reactive transport in constructed wetlands By: Langergraber, G; Simunek, J VADOSE ZONE JOURNAL Volume: 4 Issue: 4 Pages: 924-938 Published: NOV 2005	7	6	6	8	3	69	5.75
<input type="checkbox"/> 33. Estimating unsaturated soil hydraulic properties from multiple tension disc infiltrometer data By: Simunek, J; vanGenuchten, MT SOIL SCIENCE Volume: 162 Issue: 6 Pages: 383-398 Published: JUN 1997	3	6	4	1	0	69	3.45
<input type="checkbox"/> 34. Impact of rainfall intensity on the transport of two herbicides in undisturbed grassed filter strip soil cores By: Pot, V; Simunek, J; Benoit, P; et al. JOURNAL OF CONTAMINANT HYDROLOGY Volume: 81 Issue: 1-4 Pages: 63-88 Published: DEC 2005	8	6	11	3	0	68	5.67

- | | | | | | | | | | |
|--------------------------|-----|---|---|---|---|---|---|----|------|
| <input type="checkbox"/> | 35. | Using an inverse method to estimate the hydraulic properties of crusted soils from tension-disc infiltrometer data | 7 | 6 | 7 | 4 | 0 | 66 | 3.47 |
| | | By: Simunek, J; Angulo-Jaramillo, R; Schaap, MG; et al.
GEODERMA Volume: 86 Issue: 1-2 Pages: 61-81 Published: OCT 1998 | | | | | | | |
| <input type="checkbox"/> | 36. | Simultaneous estimation of soil hydraulic and solute transport parameters from transient infiltration experiments | 4 | 2 | 3 | 4 | 0 | 61 | 3.59 |
| | | By: Inoue, M; Simunek, J; Shiozawa, S; et al.
ADVANCES IN WATER RESOURCES Volume: 23 Issue: 7 Pages: 677-688
Published: JUN 2000 | | | | | | | |
| <input type="checkbox"/> | 37. | Transport of sulfadiazine in soil columns - Experiments and modelling approaches | 3 | 9 | 5 | 4 | 0 | 54 | 5.40 |
| | | By: Wehrhan, Anne; Kasteel, Roy; Simunek, Jirka; et al.
JOURNAL OF CONTAMINANT HYDROLOGY Volume: 89 Issue: 1-2 Pages: 107-135
Published: JAN 5 2007 | | | | | | | |
| <input type="checkbox"/> | 38. | Intercode comparisons for simulating water balance of surficial sediments in semiarid regions | 4 | 3 | 2 | 5 | 0 | 54 | 3.60 |
| | | By: Scanlon, BR; Christman, M; Reedy, RC; et al.
WATER RESOURCES RESEARCH Volume: 38 Issue: 12 Article Number: 1323
Published: DEC 31 2002 | | | | | | | |
| <input type="checkbox"/> | 39. | Calibration of Richards' and convection-dispersion equations to field-scale water flow and solute transport under rainfall conditions | 5 | 3 | 2 | 7 | 0 | 54 | 3.60 |
| | | By: Jacques, D; Simunek, J; Timmerman, A; et al.
JOURNAL OF HYDROLOGY Volume: 259 Issue: 1-4 Pages: 15-31 Article Number: PII S0022-1694(01)00591-1
Published: MAR 1 2002 | | | | | | | |
| <input type="checkbox"/> | 40. | MODELING OF CARBON-DIOXIDE TRANSPORT AND PRODUCTION IN SOIL .2. PARAMETER SELECTION, SENSITIVITY ANALYSIS, AND COMPARISON OF MODEL PREDICTIONS TO FIELD DATA | 5 | 3 | 4 | 1 | 0 | 54 | 2.25 |
| | | By: SUAREZ, DL; SIMUNEK, J
WATER RESOURCES RESEARCH Volume: 29 Issue: 2 Pages: 499-513
Published: FEB 1993 | | | | | | | |

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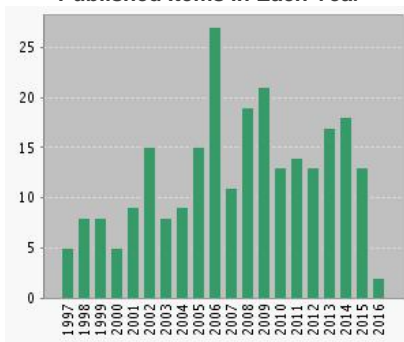
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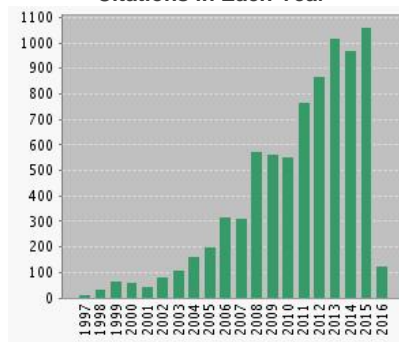
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<input type="checkbox"/> 41. Bacteria transport and deposition under unsaturated conditions: The role of the matrix grain size and the bacteria surface protein By: Gargiulo, G.; Bradford, S.; Simunek, J.; et al. JOURNAL OF CONTAMINANT HYDROLOGY Volume: 92 Issue: 3-4 Pages: 255-273 Published: JUL 17 2007	5	8	9	6	1	53	5.30
<input type="checkbox"/> 42. Fluid flow and solute migration within the capillary fringe By: Silliman, SE; Berkowitz, B; Simunek, J; et al. GROUND WATER Volume: 40 Issue: 1 Pages: 76-84 Published: JAN-FEB 2002	7	2	0	8	1	53	3.53
<input type="checkbox"/> 43. Two-dimensional modelling of preferential water flow and pesticide transport from a tile-drained field By: Gardenas, Annemieke I.; Simunek, Jirka; Jarvis, Nicholas; et al. JOURNAL OF HYDROLOGY Volume: 329 Issue: 3-4 Pages: 647-660 Published: OCT 15 2006	7	8	9	6	1	51	4.64
<input type="checkbox"/> 44. Preferential transport of nitrate to a tile drain in an intermittent-flood-irrigated field: Model development and experimental evaluation By: Mohanty, BP; Bowman, RS; Hendrickx, JMH; et al. WATER RESOURCES RESEARCH Volume: 34 Issue: 5 Pages: 1061-1076 Published: MAY 1998	2	2	3	3	0	50	2.63

<input type="checkbox"/>	45.	System-dependent boundary condition for water flow from subsurface source By: Lazarovitch, N; Simunek, J; Shani, U SOIL SCIENCE SOCIETY OF AMERICA JOURNAL Volume: 69 Issue: 1 Pages: 46-50 Published: JAN-FEB 2005	4	4	5	2	0	49	4.08
<input type="checkbox"/>	46.	Kinetic modeling of virus transport at the field scale By: Schijven, JF; Simunek, J JOURNAL OF CONTAMINANT HYDROLOGY Volume: 55 Issue: 1-2 Pages: 113-135 Article Number: PII S0169-7722(01)00188-7 Published: MAR 2002	7	5	6	10	0	49	3.27
<input type="checkbox"/>	47.	Mechanisms and pathways of trace element mobility in soils By: Carrillo-Gonzalez, R.; Simunek, Jirka; Sauve, Sebastien; et al. Edited by: Sparks, DL ADVANCES IN AGRONOMY, VOL 91 Book Series: Advances in Agronomy Volume: 91 Pages: 111-178 Published: 2006	9	6	11	5	0	48	4.36
<input type="checkbox"/>	48.	Overland water flow and solute transport: Model development and field-data analysis By: Abbasi, F; Simunek, J; van Genuchten, MT; et al. JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING-ASCE Volume: 129 Issue: 2 Pages: 71-81 Published: MAR-APR 2003	9	8	3	4	1	48	3.43
<input type="checkbox"/>	49.	Leaching with subsurface drip irrigation under saline, shallow groundwater conditions By: Hanson, Blaine; Hopmans, Jan W.; Simunek, Jirka VADOSE ZONE JOURNAL Volume: 7 Issue: 2 Pages: 810-818 Published: MAY 2008	6	12	9	7	0	46	5.11
<input type="checkbox"/>	50.	Non-equilibrium water flow characterized by means of upward infiltration experiments By: Simunek, J; Wendroth, O; Wypler, N; et al. EUROPEAN JOURNAL OF SOIL SCIENCE Volume: 52 Issue: 1 Pages: 13- 24 Published: MAR 2001	7	3	7	2	1	45	2.81

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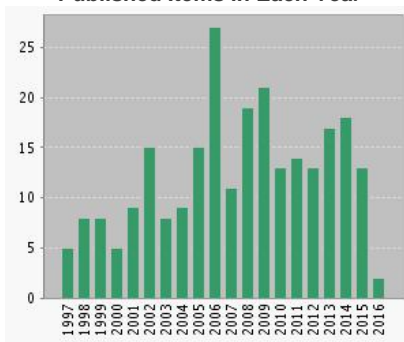
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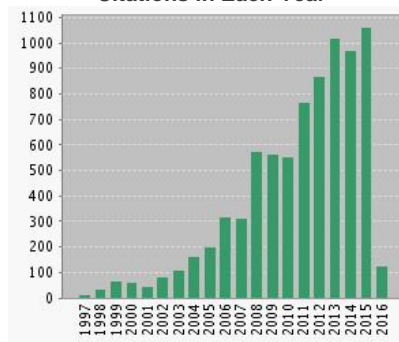
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<input type="checkbox"/> 51. Hysteresis of Colloid Retention and Release in Saturated Porous Media During Transients in Solution Chemistry By: Torkzaban, Saeed; Kim, Hyunjung N.; Simunek, Jiri; et al. ENVIRONMENTAL SCIENCE & TECHNOLOGY Volume: 44 Issue: 5 Pages: 1662-1669 Published: MAR 1 2010	14	11	7	5	1	43	6.14
<input type="checkbox"/> 52. Multi-process herbicide transport in structured soil columns: Experiments and model analysis By: Kohne, JM; Kohne, S; Simunek, J JOURNAL OF CONTAMINANT HYDROLOGY Volume: 85 Issue: 1-2 Pages: 1-32 Published: MAY 5 2006	3	7	8	3	1	42	3.82
<input type="checkbox"/> 53. Infiltration of water into soil with cracks By: Novak, V; Simunek, J; van Genuchten, MT JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING-ASCE Volume: 126 Issue: 1 Pages: 41-47 Published: JAN-FEB 2000	2	4	6	4	1	41	2.41
<input type="checkbox"/> 54. Evaluating interactions between groundwater and vadose zone using the HYDRUS-based flow package for MODFLOW By: Twarakavi, Navin Kumar C.; Simunek, Jirka; Seo, Sophia VADOSE ZONE JOURNAL Volume: 7 Issue: 2 Pages: 757-768 Published: MAY 2008	6	8	4	5	0	40	4.44
<input type="checkbox"/> 55.	6	4	1	1	2	40	3.64

Dissolution and transport of TNT, RDX, and Composition B in saturated soil columns

By: Dontsova, Katerina M.; Yost, Sally L.; Simunek, Jiri; et al.
 JOURNAL OF ENVIRONMENTAL QUALITY Volume: 35 Issue: 6 Pages: 2043-2054 Published: NOV-DEC 2006

<input type="checkbox"/> 56.	Simultaneous inverse estimation of soil hydraulic and solute transport parameters from transient field experiments: Homogeneous soil	2	2	3	5	1	40	2.86
By: Abbasi, F; Simunek, J; Feyen, J; et al. TRANSACTIONS OF THE ASAE Volume: 46 Issue: 4 Pages: 1085-1095 Published: JUL-AUG 2003								
<input type="checkbox"/> 57.	In situ estimation of soil hydraulic functions using a multistep soil-water extraction technique	1	2	1	0	0	40	2.11
By: Inoue, M; Simunek, J; Hopmans, JW; et al. WATER RESOURCES RESEARCH Volume: 34 Issue: 5 Pages: 1035-1050 Published: MAY 1998								
<input type="checkbox"/> 58.	Indirect estimation of soil thermal properties and water flux using heat pulse probe measurements: Geometry and dispersion effects	9	3	5	2	0	39	2.60
By: Hopmans, JW; Simunek, J; Bristow, KL WATER RESOURCES RESEARCH Volume: 38 Issue: 1 Article Number: 1006 Published: JAN 2002								
<input type="checkbox"/> 59.	Sodic soil reclamation using multicomponent transport modeling	1	3	4	2	0	39	1.95
By: Simunek, J; Suarez, DL JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING-ASCE Volume: 123 Issue: 5 Pages: 367-376 Published: SEP-OCT 1997								
<input type="checkbox"/> 60.	Development of Pedotransfer Functions for Estimation of Soil Hydraulic Parameters using Support Vector Machines	5	7	12	6	1	38	4.75
By: Twarakavi, Navin K. C.; Simunek, Jirka; Schaap, M. G. SOIL SCIENCE SOCIETY OF AMERICA JOURNAL Volume: 73 Issue: 5 Pages: 1443-1452 Published: SEP-OCT 2009								

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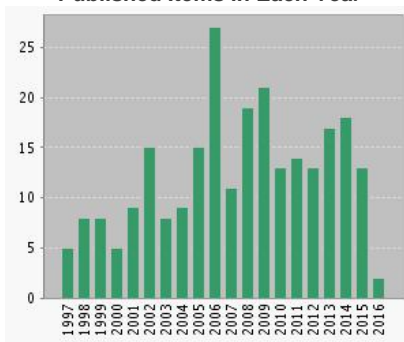
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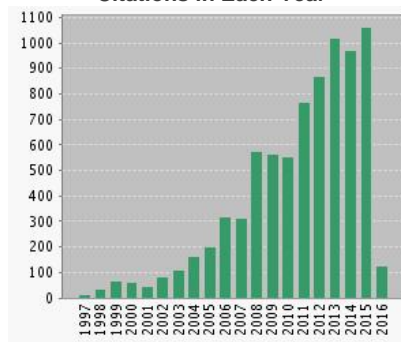
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<input type="checkbox"/> 61. Inverse dual-permeability modeling of preferential water flow in a soil column and implications for field-scale solute transport By: Kohne, JM; Mohanty, BP; Simunek, J VADOSE ZONE JOURNAL Volume: 5 Issue: 1 Pages: 59-76 Published: FEB 2006	3	6	4	4	1	38	3.45
<input type="checkbox"/> 62. Stochastic Fusion of Information for Characterizing and Monitoring the Vadose Zone By: Yeh, Tian-Chyi J.; Simunek, Jirka VADOSE ZONE JOURNAL Volume: 1 Issue: 2 Pages: 207-221 Published: NOV 2002	3	4	2	3	0	38	2.53
<input type="checkbox"/> 63. Aging effects on cadmium transport in undisturbed contaminated sandy soil columns By: Seuntjens, P; Tirez, K; Simunek, J; et al. JOURNAL OF ENVIRONMENTAL QUALITY Volume: 30 Issue: 3 Pages: 1040-1050 Published: MAY-JUN 2001	6	2	5	0	1	38	2.38
<input type="checkbox"/> 64. Sensitivity of the transport and retention of stabilized silver nanoparticles to physicochemical factors By: Liang, Yan; Bradford, Scott A.; Simunek, Jiri; et al. WATER RESEARCH Volume: 47 Issue: 7 Pages: 2572-2582 Published: MAY 1 2013	0	2	12	21	1	36	9.00
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|--------------------------|-----|---|---|----|----|---|---|----|------|
| <input type="checkbox"/> | 65. | Field evaluation of a multicomponent solute transport model in soils irrigated with saline waters | 7 | 9 | 10 | 9 | 1 | 36 | 6.00 |
| | | By: Ramos, T. B.; Simunek, J.; Goncalves, M. C.; et al.
JOURNAL OF HYDROLOGY Volume: 407 Issue: 1-4 Pages: 129-144
Published: SEP 15 2011 | | | | | | | |
| <input type="checkbox"/> | 66. | Estimating hysteresis in the soil water retention function from cone permeameter experiments | 3 | 4 | 1 | 8 | 0 | 36 | 2.00 |
| | | By: Simunek, J.; Kodesova, R.; Gribb, MM; et al.
WATER RESOURCES RESEARCH Volume: 35 Issue: 5 Pages: 1329-1345
Published: MAY 1999 | | | | | | | |
| <input type="checkbox"/> | 67. | Modeling colloid transport and retention in saturated porous media under unfavorable attachment conditions | 5 | 12 | 10 | 8 | 0 | 35 | 5.83 |
| | | By: Bradford, Scott A.; Torkzaban, Saeed; Simunek, Jiri
WATER RESOURCES RESEARCH Volume: 47 Article Number: W10503
Published: OCT 6 2011 | | | | | | | |
| <input type="checkbox"/> | 68. | Evaluating equilibrium and non-equilibrium transport of bromide and isoproturon in disturbed and undisturbed soil columns | 4 | 3 | 10 | 5 | 0 | 35 | 3.50 |
| | | By: Dousset, S.; Thevenot, M.; Pot, V.; et al.
JOURNAL OF CONTAMINANT HYDROLOGY Volume: 94 Issue: 3-4 Pages: 261-276
Published: DEC 7 2007 | | | | | | | |
| <input type="checkbox"/> | 69. | Multicomponent geochemical transport modeling using HYDRUS-1D and HP1 | 2 | 4 | 5 | 4 | 0 | 35 | 3.18 |
| | | By: Simunek, Jirka; Jacques, Diederik; van Genuchten, Martinus Th.; et al.
Conference: Summer Specialty Conference of the American-Water-Resources-Association Location: Honolulu, HI Date: JUN, 2005
Sponsor(s): Amer Water Resources Assoc
JOURNAL OF THE AMERICAN WATER RESOURCES ASSOCIATION Volume: 42 Issue: 6 Pages: 1537-1547
Published: DEC 2006 | | | | | | | |
| <input type="checkbox"/> | 70. | Parameter estimation of unsaturated soil hydraulic properties from transient flow processes | 2 | 4 | 5 | 1 | 0 | 35 | 1.84 |
| | | By: Simunek, J.; van Genuchten, MT; Gribb, MM; et al.
Conference: Symposium 1 on New Concepts and Theories in Soil Physics at the World Congress of Soil Science Location: MONTPELLIER, FRANCE Date: AUG 20-26, 1998
SOIL & TILLAGE RESEARCH Volume: 47 Issue: 1-2 Pages: 27-36
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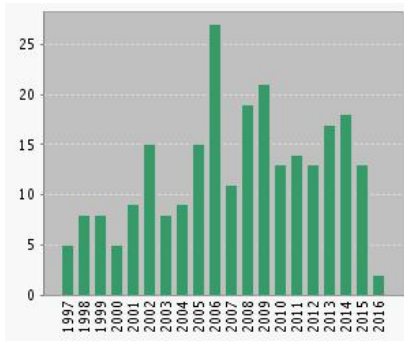
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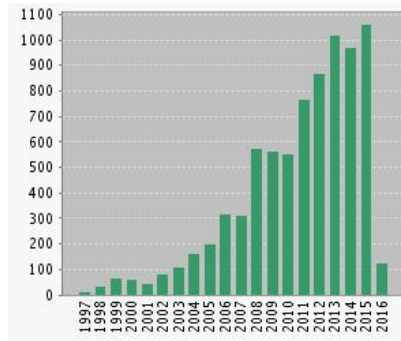
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<input type="checkbox"/> 71. Impact of varying soil structure on transport processes in different diagnostic horizons of three soil types By: Kodesova, Radka; Vignozzi, Nadia; Rohoskova, Marcela; et al. JOURNAL OF CONTAMINANT HYDROLOGY Volume: 104 Issue: 1-4 Pages: 107-125 Published: FEB 16 2009	7	3	3	5	1	34	4.25
<input type="checkbox"/> 72. Modelling coupled water flow, solute transport and geochemical reactions affecting heavy metal migration in a podzol soil By: Jacques, D.; Simunek, J.; Mallants, D.; et al. GEODERMA Volume: 145 Issue: 3-4 Pages: 449-461 Published: JUN 15 2008	5	7	5	9	1	34	3.78
<input type="checkbox"/> 73. Bacteria transport and deposition under unsaturated flow conditions: The role of water content and bacteria surface hydrophobicity By: Gargiulo, G.; Bradford, S. A.; Simunek, J.; et al. VADOSE ZONE JOURNAL Volume: 7 Issue: 2 Pages: 406-419 Published: MAY 2008	6	7	4	4	2	34	3.78
<input type="checkbox"/> 74. Water and Vapor Movement with Condensation and Evaporation in a Sandy Column By: Sakai, Masaru; Toride, Nobuo; Simunek, Jiri	5	6	8	5	0	33	4.12

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| <input type="checkbox"/> | 75. Multicomponent solute transport in soil lysimeters irrigated with waters of different quality
By: Goncalves, Maria C.; Simunek, Jirka; Ramos, Tiago B.; et al.
WATER RESOURCES RESEARCH Volume: 42 Issue: 8 Article Number: W08401 Published: AUG 2 2006 | 5 5 7 2 0 33 3.00 |
| <input type="checkbox"/> | 76. Single-porosity and dual-porosity modeling of water flow and solute transport in subsurface-drained fields using effective field-scale parameters
By: Haws, NW; Rao, PSC; Simunek, J; et al.
JOURNAL OF HYDROLOGY Volume: 313 Issue: 3-4 Pages: 257-273 Published: NOV 10 2005 | 3 7 2 5 0 33 2.75 |
| <input type="checkbox"/> | 77. Modeling the coupled effects of pore space geometry and velocity on colloid transport and retention
By: Bradford, Scott A.; Torkzaban, Saeed; Leij, Feike; et al.
WATER RESOURCES RESEARCH Volume: 45 Article Number: W02414 Published: FEB 12 2009 | 3 5 6 4 0 32 4.00 |
| <input type="checkbox"/> | 78. Modeling transport of microbes in ten undisturbed soils under effluent irrigation
By: Pang, Liping; McLeod, Malcolm; Aislabie, Jacqueline; et al.
VADOSE ZONE JOURNAL Volume: 7 Issue: 1 Pages: 97-111 Published: FEB 2008 | 5 7 6 4 2 32 3.56 |
| <input type="checkbox"/> | 79. Retention and Remobilization of Stabilized Silver Nanoparticles in an Undisturbed Loamy Sand Soil
By: Liang, Yan; Bradford, Scott A.; Simunek, Jiri; et al.
ENVIRONMENTAL SCIENCE & TECHNOLOGY Volume: 47 Issue: 21 Pages: 12229-12237 Published: NOV 5 2013 | 0 0 10 20 1 31 7.75 |
| <input type="checkbox"/> | 80. Transport and retention of multi-walled carbon nanotubes in saturated porous media: Effects of input concentration and grain size
By: Kasel, Daniela; Bradford, Scott A.; Simunek, Jiri; et al.
WATER RESEARCH Volume: 47 Issue: 2 Pages: 933-944 Published: FEB 1 2013 | 0 5 9 16 1 31 7.75 |

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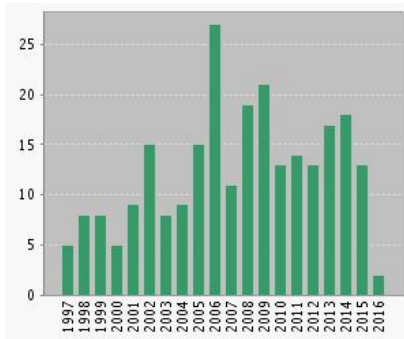
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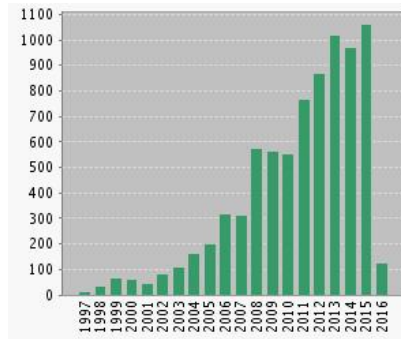
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<input type="checkbox"/> 81. Sensitivity analysis of physical and chemical properties affecting field-scale cadmium transport in a heterogeneous soil profile By: Seuntjens, P; Mallants, D; Simunek, J; et al. JOURNAL OF HYDROLOGY Volume: 264 Issue: 1-4 Pages: 185-200 Article Number: PII S0022-1694(02)00071-9 Published: JUL 30 2002	7	2	4	2	0	31	2.07
<input type="checkbox"/> 82. Numerical simulations of water movement in a subsurface drip irrigation system under field and laboratory conditions using HYDRUS-2D By: Kandelous, Maziar M.; Simunek, Jiri AGRICULTURAL WATER MANAGEMENT Volume: 97 Issue: 7 Pages: 1070-1076 Published: JUL 2010	4	10	7	4	0	30	4.29
<input type="checkbox"/> 83. Multi-functional heat pulse probe measurements of coupled vadose zone flow and transport By: Mortensen, AP; Hopmans, JW; Mori, Y; et al. ADVANCES IN WATER RESOURCES Volume: 29 Issue: 2 Pages: 250-267 Published: FEB 2006	3	4	4	3	0	30	2.73
<input type="checkbox"/> 84. Estimating unsaturated soil hydraulic properties from laboratory tension disc infiltrometer experiments By: Simunek, J; Wendroth, O; van Genuchten, MT	2	3	2	3	0	30	1.67

WATER RESOURCES RESEARCH Volume: 35 Issue: 10 Pages: 2965-2979
Published: OCT 1999

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| <input type="checkbox"/> | 85. Modeling water flow and bacterial transport in undisturbed lysimeters under irrigations of dairy shed effluent and water using HYDRUS-1D | 2 | 6 | 9 | 8 | 0 | 29 | 4.14 |
| | By: Jiang, Shuang; Pang, Liping; Buchan, Graeme D.; et al.
WATER RESEARCH Volume: 44 Issue: 4 Special Issue: SI Pages: 1050-1061 Published: FEB 2010 | | | | | | | |
| <input type="checkbox"/> | 86. An objective analysis of the dynamic nature of field capacity | 2 | 11 | 5 | 4 | 1 | 29 | 3.62 |
| | By: Twarakavi, Navin K. C.; Sakai, Masaru; Simunek, Jirka
WATER RESOURCES RESEARCH Volume: 45 Article Number: W10410
Published: OCT 7 2009 | | | | | | | |
| <input type="checkbox"/> | 87. Subsurface water distribution from drip irrigation described by moment analyses | 3 | 4 | 2 | 1 | 2 | 29 | 2.90 |
| | By: Lazarovitch, N.; Warrick, A. W.; Furman, A.; et al.
VADOSE ZONE JOURNAL Volume: 6 Issue: 1 Pages: 116-123 Published: FEB 2007 | | | | | | | |
| <input type="checkbox"/> | 88. Using pedotransfer functions in vadose zone models for estimating groundwater recharge in semiarid regions | 4 | 4 | 2 | 9 | 1 | 28 | 3.50 |
| | By: Wang, Tiejun; Zlotnik, Vitaly A.; Simunek, Jirka; et al.
WATER RESOURCES RESEARCH Volume: 45 Article Number: W04412
Published: APR 14 2009 | | | | | | | |
| <input type="checkbox"/> | 89. Operator-splitting errors in coupled reactive transport codes for transient variably saturated flow and contaminant transport in layered soil profiles | 2 | 1 | 3 | 4 | 1 | 28 | 2.55 |
| | By: Jacques, D.; Simunek, J.; Mallants, D.; et al.
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| <input type="checkbox"/> | 90. Multiyear heterotrophic soil respiration: Evaluation of a coupled CO2 transport and carbon turnover model | 8 | 3 | 4 | 2 | 0 | 27 | 3.00 |
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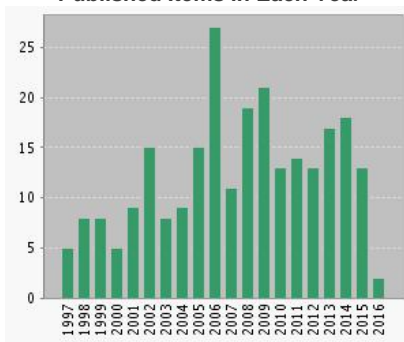
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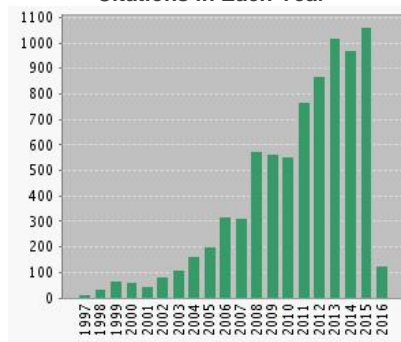
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<input type="checkbox"/> 91. Estimation of the unsaturated hydraulic conductivity of peat soils: Laboratory versus field data By: Schwarzel, K; Simunek, J; Stoffregen, H; et al. VADOSE ZONE JOURNAL Volume: 5 Issue: 2 Pages: 628-640 Published: MAY 2006	3	2	6	5	1	27	2.55
<input type="checkbox"/> 92. Lateral Water Diffusion in an Artificial Macroporous System: Modeling and Experimental Evidence By: Castiglione, P.; Mohanty, B. P.; Shouse, P. J.; et al. VADOSE ZONE JOURNAL Volume: 2 Issue: 2 Pages: 212-221 Published: MAY 2003	3	1	6	3	0	27	1.93
<input type="checkbox"/> 93. Transport of Manure-Based Applied Sulfadiazine and Its Main Transformation Products in Soil Columns By: Unold, M.; Simunek, J.; Kasteel, R.; et al. VADOSE ZONE JOURNAL Volume: 8 Issue: 3 Pages: 677-689 Published: AUG 2009	4	7	4	3	0	26	3.25
<input type="checkbox"/> 94. HYDRUS: MODEL USE, CALIBRATION, AND VALIDATION By: Simunek, J.; van Genuchten, M. Th.; Sejna, M. TRANSACTIONS OF THE ASABE Volume: 55 Issue: 4 Pages: 1261-1274 Published: JUL-AUG 2012	2	2	4	16	1	25	5.00
<input type="checkbox"/> 95.	3	7	3	3	0	25	2.78

Modeling coupled hydrologic and chemical processes: Long-term uranium transport following phosphorus fertilization

By: Jacques, D.; Simunek, J.; Mallants, D.; et al.
 VADOSE ZONE JOURNAL Volume: 7 Issue: 2 Pages: 698-711 Published:
 MAY 2008

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|--------------------------|------|--|---|---|---|---|---|----|------|
| <input type="checkbox"/> | 96. | Impact of soil micromorphological features on water flow and herbicide transport in soils | 4 | 2 | 2 | 2 | 0 | 25 | 2.78 |
| | | By: Kodesova, Radka; Kocarek, Martin; Kodes, Vit; et al.
VADOSE ZONE JOURNAL Volume: 7 Issue: 2 Pages: 798-809 Published:
MAY 2008 | | | | | | | |
| <input type="checkbox"/> | 97. | Bromide transport at a tile-drained field site: experiment, and one- and two-dimensional equilibrium and non-equilibrium numerical modeling | 1 | 4 | 7 | 1 | 0 | 25 | 2.27 |
| | | By: Kohne, S; Lennartz, B; Kohne, JM; et al.
JOURNAL OF HYDROLOGY Volume: 321 Issue: 1-4 Pages: 390-408
Published: APR 30 2006 | | | | | | | |
| <input type="checkbox"/> | 98. | Field-scale water flow simulations using ensembles of pedotransfer functions for soil water retention | 2 | 5 | 5 | 2 | 1 | 25 | 2.27 |
| | | By: Guber, AK; Pachepsky, YA; van Genuchten, MT; et al.
VADOSE ZONE JOURNAL Volume: 5 Issue: 1 Pages: 234-247 Published:
FEB 2006 | | | | | | | |
| <input type="checkbox"/> | 99. | Inverse mobile-immobile modeling of transport during transient flow: Effects of between-domain transfer and initial water content | 3 | 2 | 3 | 3 | 1 | 25 | 1.92 |
| | | By: Kohne, JM; Kohne, S; Mohanty, BP; et al.
VADOSE ZONE JOURNAL Volume: 3 Issue: 4 Pages: 1309-1321
Published: NOV 2004 | | | | | | | |
| <input type="checkbox"/> | 100. | Inverse estimation of soil hydraulic and solute transport parameters from transient field experiments: Heterogeneous soil | 3 | 2 | 3 | 4 | 1 | 25 | 1.79 |
| | | By: Abbasi, F; Jacques, D; Simunek, J; et al.
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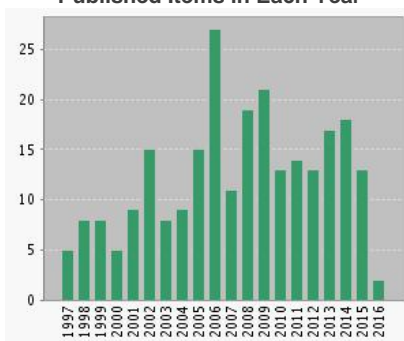
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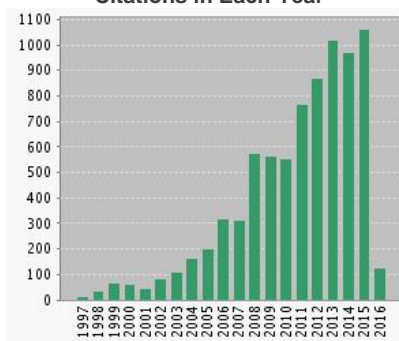
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<input type="checkbox"/> 102. Spatially distributed water fluxes in an andisol under banana plants: Experiments and three-dimensional modeling By: Sansoulet, Julie; Cabidoche, Yves-Marie; Cattan, Philippe; et al. VADOSE ZONE JOURNAL Volume: 7 Issue: 2 Pages: 819-829 Published: MAY 2008	2	6	1	4	0	24	2.67
<input type="checkbox"/> 103. Transport and deposition of metabolically active and stationary phase Deinococcus radiodurans in unsaturated porous media By: Gargiulo, G.; Bradford, S. A.; Simunek, J.; et al. ENVIRONMENTAL SCIENCE & TECHNOLOGY Volume: 41 Issue: 4 Pages: 1265-1271 Published: FEB 15 2007	3	4	1	2	1	24	2.40
<input type="checkbox"/> 104. Measurement and modeling of soil-water dynamics and evapotranspiration of drained peatland soils By: Schwaerzel, Kai; Simunek, Jirka; van Genuchten, Martinus Th.; et al. JOURNAL OF PLANT NUTRITION AND SOIL SCIENCE-ZEITSCHRIFT FUR PFLANZENERNAHRUNG UND BODENKUNDE Volume: 169 Issue: 6 Pages: 762-774 Published: DEC 2006	2	3	3	3	1	23	2.09

- | | | | | | | | | |
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| <input type="checkbox"/> | 105. Characterizing pesticide sorption and degradation in microscale biopurification systems using column displacement experiments | 5 | 4 | 1 | 3 | 0 | 22 | 2.75 |
| | By: De Wilde, Tineke; Mertens, Jan; Simunek, Jirka; et al.
ENVIRONMENTAL POLLUTION Volume: 157 Issue: 2 Pages: 463-473
Published: FEB 2009 | | | | | | | |
| <input type="checkbox"/> | 106. Vadose zone modeling: Introduction and importance | 0 | 8 | 5 | 1 | 0 | 22 | 2.44 |
| | By: Simunek, Jirka; Bradford, Scott A.
VADOSE ZONE JOURNAL Volume: 7 Issue: 2 Pages: 581-586 Published:
MAY 2008 | | | | | | | |
| <input type="checkbox"/> | 107. Information content and complexity of simulated soil water fluxes | 3 | 2 | 1 | 5 | 1 | 22 | 2.00 |
| | By: Pachepsky, Yakov; Guber, Andrey; Jacques, Diederik; et al.
Conference: 6th International Workshop on Fractal Mathematics Applied to Soil and Related Heterogeneous Systems Location: El Barco de Avila, SPAIN Date:
JUL 02-06, 2004
Sponsor(s): E T S I Agronomos & Dpto Mat Aplicada Ingenier Ageon; Univ Politecn Madrid
GEODERMA Volume: 134 Issue: 3-4 Pages: 253-266 Published: OCT 2006 | | | | | | | |
| <input type="checkbox"/> | 108. Water and solute transport in a cultivated silt loam soil: 1. Field observations | 2 | 3 | 1 | 0 | 1 | 22 | 1.83 |
| | By: Coquet, Y; Coutadeur, C; Labat, C; et al.
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AUG 2005 | | | | | | | |
| <input type="checkbox"/> | 109. Inverse analysis of upward water flow in a groundwater table lysimeter | 4 | 1 | 4 | 2 | 0 | 22 | 1.83 |
| | By: Kelleners, TJ; Soppe, RWO; Ayars, JE; et al.
VADOSE ZONE JOURNAL Volume: 4 Issue: 3 Pages: 558-572 Published:
AUG 2005 | | | | | | | |
| <input type="checkbox"/> | 110. Modeling colloid and microorganism transport and release with transients in solution ionic strength | 1 | 3 | 6 | 9 | 2 | 21 | 4.20 |
| | By: Bradford, Scott A.; Torkzaban, Saeed; Kim, Hyunjung; et al.
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Published: SEP 7 2012 | | | | | | | |

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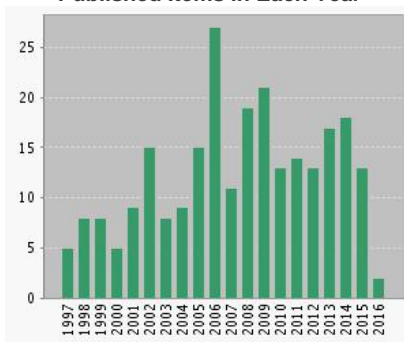
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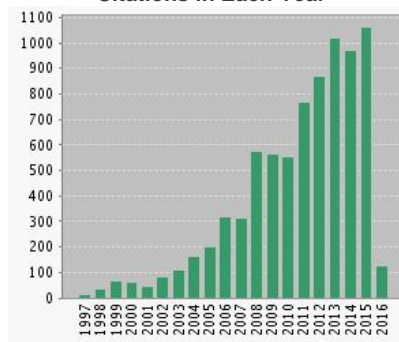
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<input type="checkbox"/> 111. Two-dimensional modeling of water and nitrogen fate from sweet sorghum irrigated with fresh and blended saline waters By: Ramos, T. B.; Simunek, J.; Goncalves, M. C.; et al. AGRICULTURAL WATER MANAGEMENT Volume: 111 Pages: 87-104 Published: AUG 2012	1	6	4	10	0	21	4.20
<input type="checkbox"/> 112. Comparison of numerical, analytical, and empirical models to estimate wetting patterns for surface and subsurface drip irrigation By: Kandelous, Maziar M.; Simunek, Jiri IRRIGATION SCIENCE Volume: 28 Issue: 5 Pages: 435-444 Published: JUL 2010	5	8	2	2	0	20	2.86
<input type="checkbox"/> 113. Numerical evaluation of a set of analytical infiltration equations By: Lassabatere, L.; Angulo-Jaramillo, R.; Soria-Ugalde, J. M.; et al. WATER RESOURCES RESEARCH Volume: 45 Article Number: W12415 Published: DEC 19 2009	3	4	2	2	3	20	2.50
<input type="checkbox"/> 114. A modified upward infiltration method for characterizing soil hydraulic properties By: Young, MH; Karagunduz, A; Simunek, J; et al. SOIL SCIENCE SOCIETY OF AMERICA JOURNAL Volume: 66 Issue: 1 Pages: 57-64 Published: JAN-FEB 2002	4	3	1	0	0	20	1.33
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115.	Water and chloride transport in a fine-textured soil: Field experiments and modeling By: Ventrella, D; Mohanty, BP; Simunek, J; et al. SOIL SCIENCE Volume: 165 Issue: 8 Pages: 624-631 Published: AUG 2000	1	0	1	2	1	20	1.18
<input type="checkbox"/>	116. Numerical investigation of irrigation scheduling based on soil water status By: Dabach, Sharon; Lazarovitch, Naftali; Simunek, Jirka; et al. IRRIGATION SCIENCE Volume: 31 Issue: 1 Pages: 27-36 Published: JAN 2013	0	2	5	11	1	19	4.75
<input type="checkbox"/>	117. Kirkham's Legacy and Contemporary Challenges in Soil Physics Research By: Jury, W. A.; Or, D.; Pachepsky, Y.; et al. SOIL SCIENCE SOCIETY OF AMERICA JOURNAL Volume: 75 Issue: 5 Pages: 1589-1601 Published: SEP 2011	4	9	4	2	0	19	3.17
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<input type="checkbox"/>	120. Verification of numerical solutions of the Richards equation using a traveling wave solution By: Zlotnik, Vitaly A.; Wang, Tiejun; Nieber, John L.; et al. ADVANCES IN WATER RESOURCES Volume: 30 Issue: 9 Pages: 1973-1980 Published: SEP 2007	2	0	5	4	0	18	1.80

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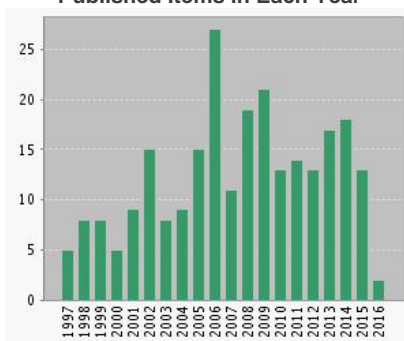
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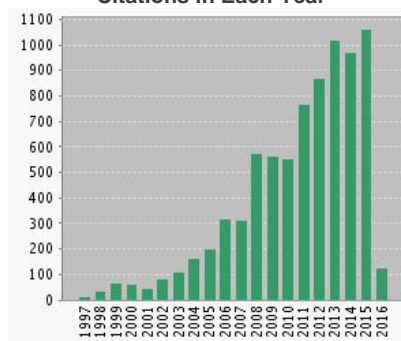
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<input type="checkbox"/> 121. Single and dual-permeability models of chlorotoluron transport in the soil profile By: Kodesova, R.; Kozak, J.; Simunek, J.; et al. PLANT SOIL AND ENVIRONMENT Volume: 51 Issue: 7 Pages: 310-315 Published: 2005	3	0	2	1	0	18	1.50
<input type="checkbox"/> 122. Numerical evaluation of a second-order water transfer term for variably saturated dual-permeability models By: Kohne, JM; Mohanty, BP; Simunek, J; et al. WATER RESOURCES RESEARCH Volume: 40 Issue: 7 Article Number: W07409 Published: JUL 28 2004	3	1	0	3	0	18	1.38
<input type="checkbox"/> 123. Modeling Microorganism Transport and Survival in the Subsurface By: Bradford, Scott A.; Wang, Yusong; Kim, Hyunjung; et al. JOURNAL OF ENVIRONMENTAL QUALITY Volume: 43 Issue: 2 Pages: 421-440 Published: MAR-APR 2014	0	0	3	12	2	17	5.67
<input type="checkbox"/> 124. Can texture-based classification optimally classify soils with respect to soil hydraulics? By: Twarakavi, Navin K. C.; Simunek, Jirka; Schaap, M. G. WATER RESOURCES RESEARCH Volume: 46 Article Number: W01501 Published: JAN 1 2010	5	4	2	4	0	17	2.43
<input type="checkbox"/>							

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|--------------------------|---|---|---|---|---|---|----|------|
| <input type="checkbox"/> | 125. Evaluation of bacteria-facilitated cadmium transport in gravel columns using the HYDRUS colloid-facilitated solute transport model | 0 | 2 | 2 | 3 | 0 | 17 | 1.55 |
| | By: Pang, Liping; Simunek, Jirka
WATER RESOURCES RESEARCH Volume: 42 Issue: 12 Article Number: W12S10 Published: OCT 21 2006 | | | | | | | |
| <input type="checkbox"/> | 126. Solute transport in simulated conductivity fields under different irrigations | 0 | 1 | 0 | 2 | 0 | 17 | 0.85 |
| | By: Wang, D; Yates, SR; Simunek, J; et al.
JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING-ASCE Volume: 123 Issue: 5 Pages: 336-343 Published: SEP-OCT 1997 | | | | | | | |
| <input type="checkbox"/> | 127. Soil Water Content Distributions between Two Emitters of a Subsurface Drip Irrigation System | 1 | 3 | 4 | 7 | 1 | 16 | 2.67 |
| | By: Kandelous, Maziar M.; Simunek, Jiri; van Genuchten, M. Th.; et al.
SOIL SCIENCE SOCIETY OF AMERICA JOURNAL Volume: 75 Issue: 2
Pages: 488-497 Published: MAR-APR 2011 | | | | | | | |
| <input type="checkbox"/> | 128. Estimation of the Dual-Permeability Model Parameters using Tension Disk Infiltrometer and Guelph Permeameter | 4 | 7 | 1 | 1 | 0 | 16 | 2.29 |
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VADOSE ZONE JOURNAL Volume: 9 Issue: 2 Pages: 213-225 Published: MAY 2010 | | | | | | | |
| <input type="checkbox"/> | 129. Impact of plant roots and soil organisms on soil micromorphology and hydraulic properties | 2 | 0 | 0 | 2 | 0 | 16 | 1.45 |
| | By: Kodesova, Radka; Kodes, Vit; Zigova, Anna; et al.
Conference: BIOHYDROLOGY 2006 International Conference Location: Prague, CZECH REPUBLIC Date: SEP 20-22, 2006
BIOLOGIA Volume: 61 Supplement: 19 Pages: S339-S343 Published: 2006 | | | | | | | |
| <input type="checkbox"/> | 130. Water and solute transport in a cultivated silt loam soil: 2. Numerical analysis | 3 | 0 | 2 | 1 | 0 | 16 | 1.33 |
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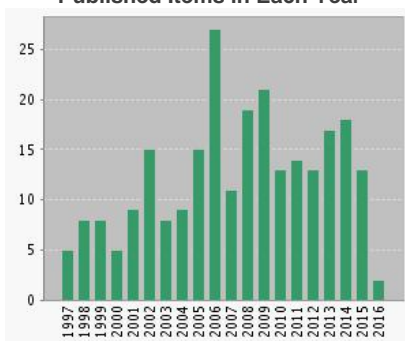
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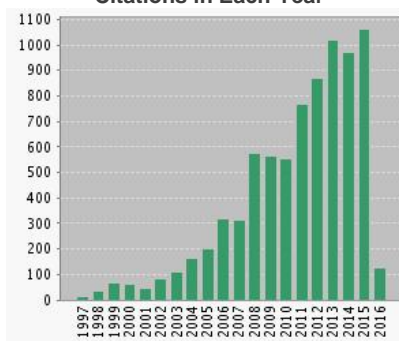
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<input type="checkbox"/> 131. Modeling flow and transport processes at the local scale By: van Genuchten, MT; Schaap, MG; Mohanty, BP; et al. Edited by: Feyen, J; Wiyo, K Conference: International Workshop of the European-Society-of-Agricultural-Engineers Field of Interest on Soil and Water Location: LEUVEN, BELGIUM Date: NOV 24-26, 1999 Sponsor(s): European Soc Agr Engineers, Soil & Water Interest Grp; CIGR; ICID; CIID; CNR; Katholieke Univ Leuven, Fac Agr & Appl Biol Sci; Inst Land & Water Management MODELLING OF TRANSPORT PROCESSES IN SOILS: AT VARIOUS SCALES IN TIME AND SPACE Pages: 23-45 Published: 1999	0	2	0	1	0	16	0.89
<input type="checkbox"/> 132. Reactive Transport Modeling of Subsurface Flow Constructed Wetlands Using the HYDRUS Wetland Module By: Langergraber, Guenter; Simunek, Jirka VADOSE ZONE JOURNAL Volume: 11 Issue: 2 Published: MAY 2012	0	4	6	5	0	15	3.00
<input type="checkbox"/> 133. Dissolution and transport of 2,4-DNT and 2,6-DNT from M1 propellant in soil By: Dontsova, Katerina M.; Pennington, Judith C.; Hayes, Charolett; et al. CHEMOSPHERE Volume: 77 Issue: 4 Pages: 597-603 Published: OCT 2009	8	2	1	1	1	15	1.88
<input type="checkbox"/> 134. Numerical simulation of flow dynamics during macropore-subsurface drain interactions using HYDRUS	4	3	2	2	1	15	1.67

By: Akay, Onur; Fox, Garey A.; Simunek, Jirka
 VADOSE ZONE JOURNAL Volume: 7 Issue: 3 Pages: 909-918 Published:
 AUG 2008

- 135. **Landscape models for simulating water quality at point, field, and watershed scales**
 By: Srivastava, P.; Migliaccio, K. W.; Simunek, J.
 TRANSACTIONS OF THE ASABE Volume: 50 Issue: 5 Pages: 1683-1693
 Published: SEP-OCT 2007

1	2	2	0	1	15	1.50
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- 136. **Estimating soil hydraulic parameters from transient flow experiments in a centrifuge using parameter optimization technique**
 By: Simunek, J; Nimmo, JR
 WATER RESOURCES RESEARCH Volume: 41 Issue: 4 Article Number:
 W04015 Published: APR 27 2005

2	2	0	2	0	15	1.25
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- 137. **Modeling transient temperature distributions around landmines in homogenous bare soils**
 By: Simunek, J; Brown, GE; Hendrickx, JMH; et al.
 Edited by: Dubey, AC; Harvey, JF; Broach, JT; et al.
 Conference: Conference on Detection and Remediation Technologies for Mines and Minelike Targets VI Location: ORLANDO, FL Date: APR 16-20, 2001
 Sponsor(s): SPIE
 DETECTION AND REMEDIATION TECHNOLOGIES FOR MINES AND MINELIKE TARGETS VI, PTS 1 AND 2 Book Series: PROCEEDINGS OF THE SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS (SPIE)
 Volume: 4394 Pages: 387-397 Published: 2001

1	2	0	0	0	15	0.94
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- 138. **Estimating soil hydraulic properties from transient cone permeameter data**
 By: Kodesova, R; Gribb, MM; Simunek, J
 SOIL SCIENCE Volume: 163 Issue: 6 Pages: 436-453 Published: JUN 1998

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- 139. **Reactive transport codes for subsurface environmental simulation**
 By: Steefel, C. I.; Appelo, C. A. J.; Arora, B.; et al.
 COMPUTATIONAL GEOSCIENCES Volume: 19 Issue: 3 Special Issue: SI
 Pages: 445-478 Published: JUN 2015

0	0	0	13	1	14	7.00
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- 140. **Evaluation of mulched drip irrigation for cotton in arid Northwest China**
 By: Wang, Zaimin; Jin, Menggui; Simunek, Jirka; et al.
 IRRIGATION SCIENCE Volume: 32 Issue: 1 Pages: 15-27 Published: JAN 2014

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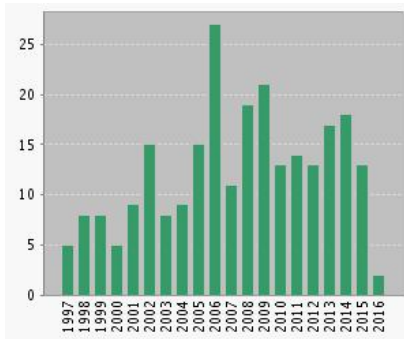
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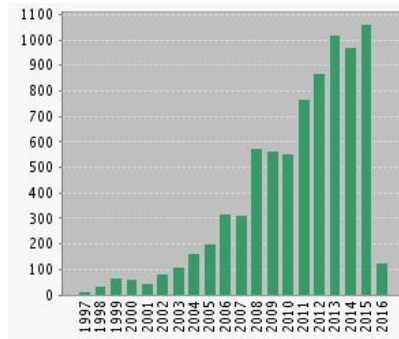
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<input type="checkbox"/>	868	1021	970	1060	126	7941	330.88
<input type="checkbox"/> 141. Determining the influence of stones on hydraulic conductivity of saturated soils using numerical method By: Novak, Viliam; Knava, Karol; Simunek, Jirka GEODERMA Volume: 161 Issue: 3-4 Pages: 177-181 Published: MAR 15 2011	4	3	1	6	0	14	2.33
<input type="checkbox"/> 142. Analysis of field tension disc infiltrometer data by parameter estimation. By: Simunek, J.; Wang Dong; Shouse, P. J.; et al. International Agrophysics Volume: 12 Issue: 3 Pages: 167-180 Published: 1998	1	1	0	2	0	14	0.74
<input type="checkbox"/> 143. Transport and fate of microorganisms in soils with preferential flow under different solution chemistry conditions By: Wang, Yusong; Bradford, Scott A.; Simunek, Jiri WATER RESOURCES RESEARCH Volume: 49 Issue: 5 Pages: 2424-2436 Published: MAY 2013	0	0	6	6	1	13	3.25
<input type="checkbox"/> 144. Simulating root water uptake from a shallow saline groundwater resource By: Shouse, Peter J.; Ayars, James E.; Simunek, Jiri AGRICULTURAL WATER MANAGEMENT Volume: 98 Issue: 5 Pages: 784-790 Published: MAR 2011	1	4	4	4	0	13	2.17
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<input type="checkbox"/>	145. Numerical evaluation of alternative heat pulse probe designs and analyses	2	1	3	2	0	13	1.30
	By: Saito, Hirotaka; Simunek, Jiri; Hopmans, Jan W.; et al. WATER RESOURCES RESEARCH Volume: 43 Issue: 7 Article Number: W07408 Published: JUL 11 2007							
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	By: Lazarovitch, N.; Ben-Gal, A.; Simunek, J.; et al. SOIL SCIENCE SOCIETY OF AMERICA JOURNAL Volume: 71 Issue: 3 Pages: 860-865 Published: MAY-JUN 2007							
<input type="checkbox"/>	147. Development of cone penetrometer method to determine son, hydraulic properties	1	0	0	0	0	13	0.68
	By: Gribb, MM; Simunek, J; Leonard, MF JOURNAL OF GEOTECHNICAL AND GEOENVIRONMENTAL ENGINEERING Volume: 124 Issue: 9 Pages: 820-829 Published: SEP 1998							
<input type="checkbox"/>	148. Three-Dimensional Modeling of Multiple Automated Equilibrium Tension Lysimeters to Measure Vadose Zone Fluxes	2	2	3	1	0	12	1.50
	By: Woehling, Thomas; Schuetze, Niels; Heinrich, Ben; et al. VADOSE ZONE JOURNAL Volume: 8 Issue: 4 Pages: 1051-1063 Published: NOV 2009							
<input type="checkbox"/>	149. Leaching risk of N-nitrosodimethylamine (NDMA) in soil receiving reclaimed wastewater	2	4	0	0	0	12	1.33
	By: Haruta, Shinsuke; Chen, Weiping; Gan, Jay; et al. ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY Volume: 69 Issue: 3 Pages: 374-380 Published: MAR 2008							
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	By: van Genuchten, M. T.; Simunek, Jirka Edited by: Feddes, RA; DeRooij, GH; VanDam, JC Conference: Symposium on Unsaturated Zone Modeling Location: Wageningen, NETHERLANDS Date: OCT 03-05, 2004 Unsaturated-Zone Modeling: Progress, Challenges and Applications Book Series: WAGENINGEN UR FRONTIS SERIES Volume: 6 Pages: 37-69 Published: 2004							

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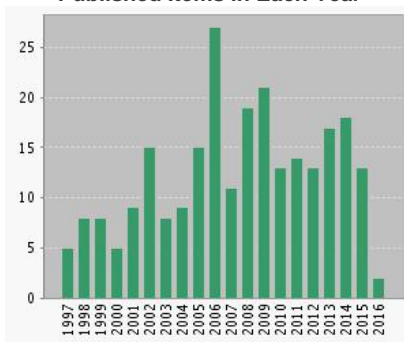
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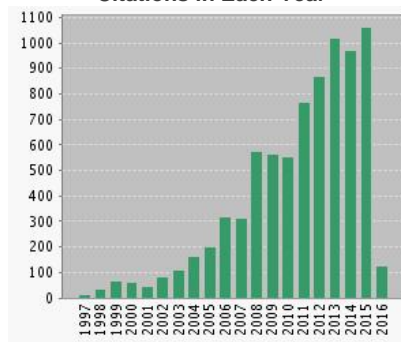
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<input type="checkbox"/> 151. Effects of the shallow water table on water use of winter wheat and ecosystem health: Implications for unlocking the potential of groundwater in the Fergana Valley (Central Asia) By: Karimov, Akmal Kh.; Simunek, Jirka; Hanjra, Munir A.; et al. AGRICULTURAL WATER MANAGEMENT Volume: 131 Pages: 57-69 Published: JAN 1 2014	0	0	1	8	2	11	3.67
<input type="checkbox"/> 152. Evaluation of subsurface drip irrigation design and management parameters for alfalfa By: Kandelous, Maziar M.; Kamai, Tamir; Vrugt, Jasper A.; et al. AGRICULTURAL WATER MANAGEMENT Volume: 109 Pages: 81-93 Published: JUN 2012	0	1	1	8	1	11	2.20
<input type="checkbox"/> 153. Estimating Soil Hydraulic Properties from Infrared Measurements of Soil Surface Temperatures and TDR Data By: Steenpass, Christian; Vanderborght, Jan; Herbst, Michael; et al. VADOSE ZONE JOURNAL Volume: 9 Issue: 4 Pages: 910-924 Published: NOV 2010	1	4	1	2	0	11	1.57
<input type="checkbox"/> 154. Drip irrigation provides the salinity control needed for profitable irrigation of tomatoes in the San Joaquin Valley By: Hanson, Blaine R.; May, Don E.; Simunek, Jirka; et al. CALIFORNIA AGRICULTURE Volume: 63 Issue: 3 Pages: 131-136 Published: JUL-SEP 2009	1	2	0	5	0	11	1.38

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|--------------------------|---|---|---|---|---|---|----|------|
| <input type="checkbox"/> | 155. Copper mobility in soils as affected by sewage sludge and low molecular weight organic acids | 1 | 2 | 1 | 0 | 0 | 11 | 1.00 |
| | By: Bahaminyakamwe, L; Simunek, J; Dane, JH; et al.
SOIL SCIENCE Volume: 171 Issue: 1 Pages: 29-38 Published: JAN 2006 | | | | | | | |
| <input type="checkbox"/> | 156. A third-order numerical scheme with upwind weighting for solving the solute transport equation | 0 | 0 | 0 | 0 | 0 | 11 | 0.55 |
| | By: Huang, KL; Simunek, J; VanGenuchten, MT
INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN ENGINEERING Volume: 40 Issue: 9 Pages: 1623-1637 Published: MAY 15 1997 | | | | | | | |
| <input type="checkbox"/> | 157. Solute transport modeling under variably saturated water flow conditions | 0 | 0 | 0 | 0 | 1 | 11 | 0.52 |
| | By: Suarez, DL; Simunek, J
Edited by: Lichtner, PC; Steefel, CI; Oelkers, EH
Conference: Short Course on Reactive Transport in Porous Media Location: GOLDEN, CO Date: OCT 25-27, 1996
Sponsor(s): Mineral Soc Amer
REACTIVE TRANSPORT IN POROUS MEDIA Book Series: REVIEWS IN MINERALOGY Volume: 34 Pages: 229-268 Published: 1996 | | | | | | | |
| <input type="checkbox"/> | 158. Evaluation of water movement and nitrate dynamics in a lysimeter planted with an orange tree | 0 | 0 | 5 | 4 | 1 | 10 | 2.50 |
| | By: Phogat, V.; Skewes, M. A.; Cox, J. W.; et al.
AGRICULTURAL WATER MANAGEMENT Volume: 127 Pages: 74-84
Published: SEP 2013 | | | | | | | |
| <input type="checkbox"/> | 159. Minimizing nitrogen leaching from furrow irrigation through novel fertilizer placement and soil surface management strategies | 0 | 0 | 3 | 5 | 2 | 10 | 2.00 |
| | By: Siyal, Altaf A.; Bristow, Keith L.; Simunek, Jirka
AGRICULTURAL WATER MANAGEMENT Volume: 115 Pages: 242-251
Published: DEC 2012 | | | | | | | |
| <input type="checkbox"/> | 160. The effects of preferential flow and soil texture on risk assessments of a NORM waste disposal site | 3 | 3 | 0 | 1 | 0 | 10 | 1.43 |
| | By: Pontedeiro, E. M.; van Genuchten, M. Th.; Cotta, R. M.; et al.
JOURNAL OF HAZARDOUS MATERIALS Volume: 174 Issue: 1-3 Pages: 648-655 Published: FEB 15 2010 | | | | | | | |

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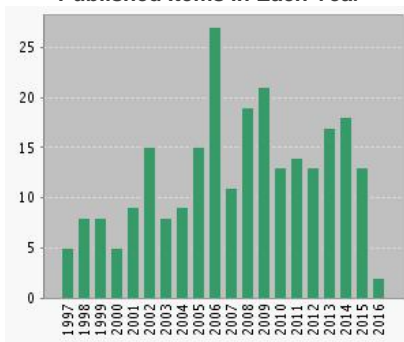
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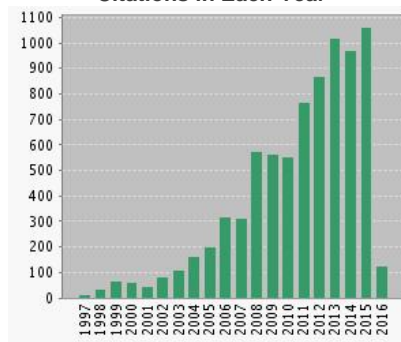
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<input type="checkbox"/> 161. An alternative deterministic method for the spatial interpolation of water retention parameters By: Saito, H.; Seki, K.; Simunek, J. HYDROLOGY AND EARTH SYSTEM SCIENCES Volume: 13 Issue: 4 Pages: 453-465 Published: 2009	1	2	1	3	1	10	1.25
<input type="checkbox"/> 162. Evaluation of CO2 fluxes from an agricultural field using a process-based numerical model By: Buchner, Jens S.; Simunek, Jiri; Lee, Juhwan; et al. JOURNAL OF HYDROLOGY Volume: 361 Issue: 1-2 Pages: 131-143 Published: OCT 30 2008	2	1	3	0	0	10	1.11
<input type="checkbox"/> 163. A new approach to estimate soil hydraulic parameters using only soil water retention data By: Twarakavi, Navin K. C.; Saito, Hiroataka; Simunek, Jirka; et al. SOIL SCIENCE SOCIETY OF AMERICA JOURNAL Volume: 72 Issue: 2 Pages: 471-479 Published: MAR-APR 2008	2	1	1	3	0	10	1.11
<input type="checkbox"/> 164. Variably saturated reactive transport of arsenic in heap-leach facilities By: Decker, DL; Simunek, J; Tyler, SW; et al. VADOSE ZONE JOURNAL Volume: 5 Issue: 1 Pages: 430-444 Published: FEB 2006	1	2	0	1	0	10	0.91
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- | | | | | | | | | |
|--------------------------|---|---|---|---|---|---|----|------|
| <input type="checkbox"/> | 165. RETACL: Incorporating maximum-likelihood estimation principles in the RETC soil hydraulic parameter estimation code | 0 | 0 | 1 | 1 | 0 | 10 | 0.59 |
| | By: Hollenbeck, KJ; Simunek, J; van Genuchten, MT
COMPUTERS & GEOSCIENCES Volume: 26 Issue: 3 Pages: 319-327
Published: APR 2000 | | | | | | | |
| <input type="checkbox"/> | 166. Selected HYDRUS modules for modeling subsurface flow and contaminant transport as influenced by biological processes at various scales | 1 | 5 | 0 | 1 | 0 | 9 | 1.12 |
| | By: Simunek, Jirka; Jacques, Diederik; Twarakavi, Navin K. C.; et al.
Conference: Biohydrology 2009 International Conference Location: Bratislava, SLOVAKIA Date: SEP 21-24, 2009
BIOLOGIA Volume: 64 Issue: 3 Pages: 465-469 Published: JUN 2009 | | | | | | | |
| <input type="checkbox"/> | 167. Comparison of pesticide transport processes in three tile-drained field soils using HYDRUS-2D | 1 | 1 | 0 | 3 | 0 | 9 | 0.82 |
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| <input type="checkbox"/> | 168. Modeling the impact of clustered septic tank systems on groundwater quality | 2 | 1 | 1 | 2 | 0 | 9 | 0.82 |
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| | By: Ferre, Ty P. A.; Nissen, Henrik H.; Simunek, Jirka
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| <input type="checkbox"/> | 170. Limited transport of functionalized multi-walled carbon nanotubes in two natural soils | 0 | 0 | 4 | 3 | 1 | 8 | 2.00 |
| | By: Kasel, Daniela; Bradford, Scott A.; Simunek, Jiri; et al.
ENVIRONMENTAL POLLUTION Volume: 180 Pages: 152-158 Published: SEP 2013 | | | | | | | |

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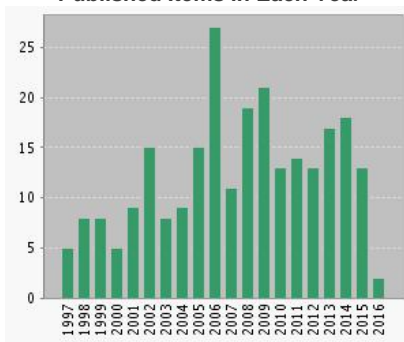
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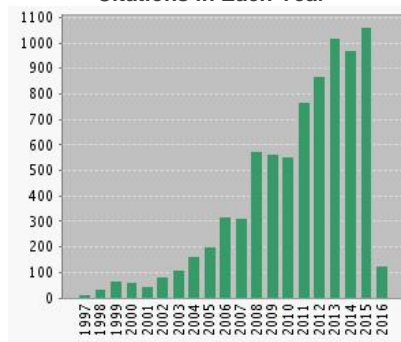
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<input type="checkbox"/> 171. Evaluation of fertigation scheduling for sugarcane using a vadose zone flow and transport model By: Ravikumar, V.; Vijayakumar, G.; Simunek, J.; et al. AGRICULTURAL WATER MANAGEMENT Volume: 98 Issue: 9 Pages: 1431-1440 Published: JUL 2011	1	3	1	3	0	8	1.33
<input type="checkbox"/> 172. Effects of meteorological models on the solution of the surface energy balance and soil temperature variations in bare soils By: Saito, Hiroataka; Simunek, Jiri JOURNAL OF HYDROLOGY Volume: 373 Issue: 3-4 Pages: 545-561 Published: JUL 15 2009	0	2	0	3	0	8	1.00
<input type="checkbox"/> 173. Estimation of soil hydraulic properties with the cone permeameter: Field studies By: Kodesova, R; Ordway, SE; Gribb, MM; et al. SOIL SCIENCE Volume: 164 Issue: 8 Pages: 527-541 Published: AUG 1999	0	0	0	0	0	8	0.44
<input type="checkbox"/> 174. Inverse optimization of hydraulic, solute transport, and cation exchange parameters using HP1 and UCODE to simulate cation exchange By: Jacques, Diederik; Smith, Chris; Simunek, Jiri; et al. JOURNAL OF CONTAMINANT HYDROLOGY Volume: 142 Pages: 109-125 Published: NOV 2012	1	1	1	3	1	7	1.40

<input type="checkbox"/>	175. Modelling investigation of water partitioning at a semiarid ponderosa pine hillslope By: Guan, Huade; Simunek, Jirka; Newman, Brent D.; et al. HYDROLOGICAL PROCESSES Volume: 24 Issue: 9 Pages: 1095-1105 Published: APR 30 2010	0	2	1	3	0	7	1.00
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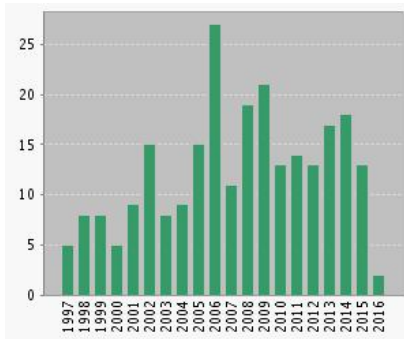
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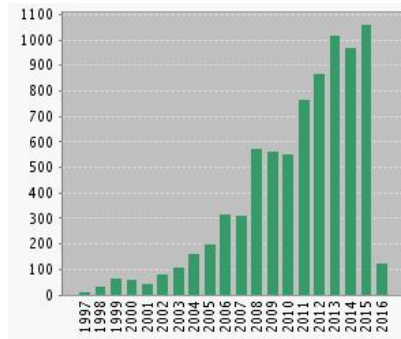
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<input type="checkbox"/> 181. Analysis of the Role of Tortuosity and Infiltration Constants in the Beerkan Method By: Nasta, Paolo; Lassabatere, Laurent; Kandelous, Maziar M.; et al. SOIL SCIENCE SOCIETY OF AMERICA JOURNAL Volume: 76 Issue: 6 Pages: 1999-2005 Published: NOV-DEC 2012	0	1	2	2	1	6	1.20
<input type="checkbox"/> 182. STANMOD: MODEL USE, CALIBRATION, AND VALIDATION By: van Genuchten, M. Th.; Simunek, J.; Leij, F. J.; et al. TRANSACTIONS OF THE ASABE Volume: 55 Issue: 4 Pages: 1353-1366 Published: JUL-AUG 2012	1	1	3	1	0	6	1.20
<input type="checkbox"/> 183. Coupled simulation of surface runoff and soil water flow using multi-objective parameter estimation By: Koehne, John Maximilian; Woehling, Thomas; Pot, Valerie; et al. JOURNAL OF HYDROLOGY Volume: 403 Issue: 1-2 Pages: 141-156 Published: JUN 6 2011	2	2	2	0	0	6	1.00
<input type="checkbox"/> 184. Leaching of Contaminants to Groundwater By: Mallants, Dirk; Van Genuchten, Martinus Th.; Simunek, Jiri; et al. Edited by: Swartjes, FA DEALING WITH CONTAMINATED SITES: FROM THEORY TOWARDS PRACTICAL APPLICATION Pages: 787-850 Published: 2011	3	1	2	0	0	6	1.00
<input type="checkbox"/> 185.	0	0	0	2	3	5	2.50

Equilibrium and kinetic models for colloid release under transient solution chemistry conditions

By: Bradford, Scott A.; Torkzaban, Saeed; Leij, Feike; et al.
 JOURNAL OF CONTAMINANT HYDROLOGY Volume: 181 Special Issue: SI
 Pages: 141-152 Published: OCT 2015

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| | By: Li, Yong; Simunek, Jirka; Jing, Longfei; et al.
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Published: AUG 2014 | | | | | | | |
| <input type="checkbox"/> | 187. Physicochemical Factors Influencing the Preferential Transport of Escherichia coli in Soils | 0 | 0 | 2 | 3 | 0 | 5 | 1.67 |
| | By: Wang, Yusong; Bradford, Scott A.; Simunek, Jiri
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| <input type="checkbox"/> | 188. Modeling the effects of saline water use in wheat-cultivated lands using the UNSATCHEM model | 0 | 1 | 2 | 2 | 0 | 5 | 1.25 |
| | By: Rasouli, Fatemeh; Pouya, Ali Kiani; Simunek, Jiri
IRRIGATION SCIENCE Volume: 31 Issue: 5 Pages: 1009-1024 Published: SEP 2013 | | | | | | | |
| <input type="checkbox"/> | 189. Effects of Land Cover and Fertilization Method on Water Flow and Solute Transport in Five Lysimeters: A Long-Term Study Using Stable Water Isotopes | 2 | 0 | 1 | 2 | 0 | 5 | 1.00 |
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| <input type="checkbox"/> | 190. Interacting Vegetative and Thermal Contributions to Water Movement in Desert Soil | 0 | 1 | 2 | 1 | 0 | 5 | 0.83 |
| | By: Garcia, C. A.; Andraski, B. J.; Stonestrom, D. A.; et al.
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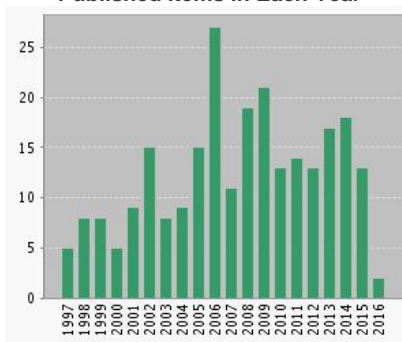
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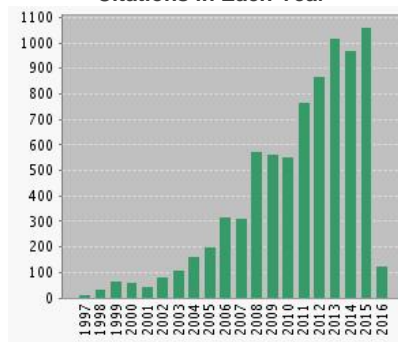
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<input type="checkbox"/> 191. Potential Impact of a Seepage Face on Solute Transport to a Pumping Well By: Yakirevich, A.; Gish, T. J.; Simunek, J.; et al. VADOSE ZONE JOURNAL Volume: 9 Issue: 3 Pages: 686-696 Published: AUG 2010	1	0	1	3	0	5	0.71
<input type="checkbox"/> 192. Transport of Copper Oxychloride-Based Fungicide Particles in Saturated Quartz Sand By: Paradelo, M.; Simunek, J.; Novoa-Munoz, J. C.; et al. ENVIRONMENTAL SCIENCE & TECHNOLOGY Volume: 43 Issue: 23 Pages: 8860-8866 Published: DEC 1 2009	1	1	0	0	0	5	0.62
<input type="checkbox"/> 193. Simulating root water uptake from a heterogeneous vegetative cover By: De Silva, M. S.; Nachabe, M. H.; Simunek, J.; et al. JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING-ASCE Volume: 134 Issue: 2 Pages: 167-174 Published: MAR-APR 2008	0	0	0	4	0	5	0.56
<input type="checkbox"/> 194. Inverse optimization, calibration and validation of simulation models at the field scale By: Simunek, J.; de Vos, JA Edited by: Feyen, J.; Wiyo, K Conference: International Workshop of the European-Society-of-Agricultural-Engineers Field of Interest on Soil and Water Location: LEUVEN, BELGIUM	1	0	0	1	0	5	0.28

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 Water Management
 MODELLING OF TRANSPORT PROCESSES IN SOILS: AT VARIOUS
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| <input type="checkbox"/> | 195. Estimation and upscaling of dual-permeability model parameters for the transport of E. coli D21g in soils with preferential flow | 0 | 0 | 1 | 2 | 1 | 4 | 1.33 |
| | By: Wang, Yusong; Bradford, Scott A.; Simunek, Jiri
JOURNAL OF CONTAMINANT HYDROLOGY Volume: 159 Pages: 57-66
Published: APR 2014 | | | | | | | |
| <input type="checkbox"/> | 196. HYDRUS simulations of the effects of dual-drip subsurface irrigation and a physical barrier on water movement and solute transport in soils | 0 | 0 | 1 | 3 | 0 | 4 | 1.33 |
| | By: El-Nesr, Mohammad N.; Alazba, A. A.; Simunek, Jiri
IRRIGATION SCIENCE Volume: 32 Issue: 2 Pages: 111-125 Published:
MAR 2014 | | | | | | | |
| <input type="checkbox"/> | 197. Analysis of infiltration processes into fractured and swelling soils as triggering factors of landslides | 0 | 1 | 0 | 3 | 0 | 4 | 1.33 |
| | By: Galeandro, A.; Doglioni, A.; Simeone, V.; et al.
ENVIRONMENTAL EARTH SCIENCES Volume: 71 Issue: 6 Special Issue:
SI Pages: 2911-2923 Published: MAR 2014 | | | | | | | |
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| | By: Bradshaw, James K.; Radcliffe, David E.; Simunek, Jiri; et al.
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