

# Shmuel Assouline

## List of Publications by Year in descending order

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147  
papers

6,248  
citations

71061

41  
h-index

82499

72  
g-index

154  
all docs

154  
docs citations

154  
times ranked

5259  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling Soil Processes: Review, Key Challenges, and New Perspectives. <i>Vadose Zone Journal</i> , 2016, 15, 1-57.	1.3	445
2	Characteristic lengths affecting evaporative drying of porous media. <i>Physical Review E</i> , 2008, 77, 056309.	0.8	358
3	Effects of rainfall intensity and slope gradient on the dynamics of interrill erosion during soil surface sealing. <i>Catena</i> , 2006, 66, 211-220.	2.2	267
4	Rainfall-Induced Soil Surface Sealing: A Critical Review of Observations, Conceptual Models, and Solutions. <i>Vadose Zone Journal</i> , 2004, 3, 570-591.	1.3	204
5	A conceptual model of the soil water retention curve. <i>Water Resources Research</i> , 1998, 34, 223-231.	1.7	170
6	Infiltration into soils: Conceptual approaches and solutions. <i>Water Resources Research</i> , 2013, 49, 1755-1772.	1.7	170
7	Critical knowledge gaps and research priorities in global soil salinity. <i>Advances in Agronomy</i> , 2021, , 1-191.	2.4	151
8	Balancing water scarcity and quality for sustainable irrigated agriculture. <i>Water Resources Research</i> , 2015, 51, 3419-3436.	1.7	140
9	Evaporation from a small water reservoir: Direct measurements and estimates. <i>Journal of Hydrology</i> , 2008, 351, 218-229.	2.3	130
10	Modeling the dynamics of seal formation and its effect on infiltration as related to soil and rainfall characteristics. <i>Water Resources Research</i> , 1997, 33, 1527-1536.	1.7	122
11	The concept of field capacity revisited: Defining intrinsic static and dynamic criteria for soil internal drainage dynamics. <i>Water Resources Research</i> , 2014, 50, 4787-4802.	1.7	120
12	Conceptual and Parametric Representation of Soil Hydraulic Properties: A Review. <i>Vadose Zone Journal</i> , 2013, 12, 1-20.	1.3	118
13	Effect of Compaction on Soil Physical and Hydraulic Properties: Experimental Results and Modeling. <i>Soil Science Society of America Journal</i> , 1997, 61, 390.	1.2	117
14	Modeling the Relationship between Soil Bulk Density and the Water Retention Curve. <i>Vadose Zone Journal</i> , 2006, 5, 554-563.	1.3	112
15	The role of soil-surface sealing, microtopography, and vegetation patches in rainfall-runoff processes in semiarid areas. <i>Water Resources Research</i> , 2013, 49, 5585-5599.	1.7	104
16	Modeling the Relationship between Soil Bulk Density and the Hydraulic Conductivity Function. <i>Vadose Zone Journal</i> , 2006, 5, 697-705.	1.3	101
17	A model for soil relative hydraulic conductivity based on the water retention characteristic curve. <i>Water Resources Research</i> , 2001, 37, 265-271.	1.7	94
18	Rainfall induced soil seal (A) A critical review of observations and models. <i>Catena</i> , 1990, 17, 185-203.	2.2	93

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19	Evaporation from three water bodies of different sizes and climates: Measurements and scaling analysis. <i>Advances in Water Resources</i> , 2008, 31, 160-172.	1.7	89
20	The Effects of Microdrip and Conventional Drip Irrigation on Water Distribution and Uptake. <i>Soil Science Society of America Journal</i> , 2002, 66, 1630-1636.	1.2	79
21	Modeling soil seal as a nonuniform layer. <i>Water Resources Research</i> , 1989, 25, 2101-2108.	1.7	77
22	Soil-Plant System Response to Pulsed Drip Irrigation and Salinity. <i>Soil Science Society of America Journal</i> , 2006, 70, 1556-1568.	1.2	73
23	Evaporation from Lake Kinneret: 1. Eddy correlation system measurements and energy budget estimates. <i>Water Resources Research</i> , 1993, 29, 901-910.	1.7	68
24	Changes in Chemical Properties of Semiarid Soils under Long-Term Secondary Treated Wastewater Irrigation. <i>Soil Science Society of America Journal</i> , 2012, 76, 1358-1369.	1.2	65
25	Infiltration during soil sealing: The effect of areal heterogeneity of soil hydraulic properties. <i>Water Resources Research</i> , 2002, 38, 22-1-22-9.	1.7	63
26	High fertigation frequency and phosphorus level: Effects on summer-grown bell pepper growth and blossom-end rot incidence. <i>Plant and Soil</i> , 2005, 270, 135-146.	1.8	62
27	Effects of a shading screen on microclimate and crop water requirements. <i>Irrigation Science</i> , 2006, 25, 171-181.	1.3	62
28	Rainfall-Induced Soil Surface Sealing: A Critical Review of Observations, Conceptual Models, and Solutions. <i>Vadose Zone Journal</i> , 2004, 3, 570-591.	1.3	61
29	A probabilistic approach towards modeling the relationships between particle and pore size distributions: the multicomponent packed sphere case. <i>Powder Technology</i> , 1998, 96, 33-41.	2.1	58
30	Evaporation suppression from water reservoirs: Efficiency considerations of partial covers. <i>Water Resources Research</i> , 2011, 47, .	1.7	57
31	Effects of long-term irrigation with treated wastewater on the hydraulic properties of a clayey soil. <i>Water Resources Research</i> , 2011, 47, .	1.7	57
32	Runoff from heterogeneous small bare catchments during soil surface sealing. <i>Water Resources Research</i> , 2006, 42, .	1.7	56
33	A simple accurate method to predict time of ponding under variable intensity rainfall. <i>Water Resources Research</i> , 2007, 43, .	1.7	56
34	Infiltration from the Pedon to Global Grid Scales: An Overview and Outlook for Land Surface Modeling. <i>Vadose Zone Journal</i> , 2019, 18, 1-53.	1.3	56
35	Effect of Long-Term Irrigation with Treated Wastewater on the Root Zone Environment. <i>Vadose Zone Journal</i> , 2013, 12, 1-10.	1.3	51
36	Estimation of lake hydrologic budget terms using the simultaneous solution of water, heat, and salt balances and a Kalman Filtering Approach: Application to Lake Kinneret. <i>Water Resources Research</i> , 1993, 29, 3041-3048.	1.7	50

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37	Evaporation from a shallow water table: Diurnal dynamics of water and heat at the surface of drying sand. <i>Water Resources Research</i> , 2013, 49, 4022-4034.	1.7	49
38	Analysis of the impact of surface layer properties on evaporation from porous systems using column experiments and modified definition of characteristic length. <i>Water Resources Research</i> , 2014, 50, 3933-3955.	1.7	49
39	Climate, not conflict, explains extreme Middle East dust storm. <i>Environmental Research Letters</i> , 2016, 11, 114013.	2.2	48
40	Evaporation from partially covered water surfaces. <i>Water Resources Research</i> , 2010, 46, .	1.7	47
41	Effect of Water Surface Salinity on Evaporation: The Case of a Diluted Buoyant Plume Over the Dead Sea. <i>Water Resources Research</i> , 2018, 54, 1460-1475.	1.7	46
42	Modeling the relationships between particle and pore size distributions in multicomponent sphere packs: application to the water retention curve. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1997, 127, 201-210.	2.3	45
43	Effects of Effluent Irrigation on Seal Formation, Infiltration, and Soil Loss during Rainfall. <i>Soil Science Society of America Journal</i> , 2005, 69, 1432-1439.	1.2	41
44	Impact of ambient conditions on evaporation from porous media. <i>Water Resources Research</i> , 2014, 50, 6696-6712.	1.7	41
45	The dual role of soil crusts in desertification. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2015, 120, 2108-2119.	1.3	41
46	Scale dependence of Hortonian rainfall-runoff processes in a semiarid environment. <i>Water Resources Research</i> , 2016, 52, 5149-5166.	1.7	41
47	Modeling the dynamics of soil seal formation: Analysis of the effect of soil and rainfall properties. <i>Water Resources Research</i> , 2000, 36, 2341-2349.	1.7	40
48	Irrigation with desalinated water: A step toward increasing water saving and crop yields. <i>Water Resources Research</i> , 2015, 51, 450-464.	1.7	40
49	Soil water content variability at the hillslope scale: Impact of surface sealing. <i>Water Resources Research</i> , 2012, 48, .	1.7	38
50	Effect of rainfall-induced soil seals on soil water regime: Wetting processes. <i>Water Resources Research</i> , 1993, 29, 1651-1659.	1.7	37
51	Natural length scales define the range of applicability of the Richards equation for capillary flows. <i>Water Resources Research</i> , 2015, 51, 7130-7144.	1.7	37
52	On the variability of the Priestley-Taylor coefficient over water bodies. <i>Water Resources Research</i> , 2016, 52, 150-163.	1.7	37
53	Unsaturated hydraulic conductivity function based on a soil fragmentation process. <i>Water Resources Research</i> , 2001, 37, 1309-1312.	1.7	36
54	On the relationships between the pore size distribution index and characteristics of the soil hydraulic functions. <i>Water Resources Research</i> , 2005, 41, .	1.7	34

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55	Evaporation from a reservoir with fluctuating water level: Correcting for limited fetch. Journal of Hydrology, 2011, 404, 146-156.	2.3	34
56	Anisotropy factor of saturated and unsaturated soils. Water Resources Research, 2006, 42, .	1.7	33
57	Seasonal and diurnal evaporation from a deep hypersaline lake: The Dead Sea as a case study. Journal of Hydrology, 2018, 562, 155-167.	2.3	33
58	Modified Brinkman equation for a free flow problem at the interface of porous surfaces: The Cantor-Taylor brush configuration case. Water Resources Research, 2002, 38, 56-1-56-13.	1.7	32
59	Effects of heterogeneous soil water diffusivity on vegetation pattern formation. Water Resources Research, 2014, 50, 5743-5758.	1.7	32
60	Evaporation From Deep Aquifers in Arid Regions: Analytical Model for Combined Liquid and Vapor Water Fluxes. Water Resources Research, 2018, 54, 4805-4822.	1.7	32
61	Mathematical Model for Rain Drop Distribution and Rainfall Kinetic Energy. Transactions of the American Society of Agricultural Engineers, 1986, 29, 0494-0500.	0.9	31
62	The roles of fruit sink in the regulation of gas exchange and water uptake: A case study for avocado. Agricultural Water Management, 2013, 116, 21-28.	2.4	31
63	Estimating hydraulic properties of rainfall-induced soil surface seals from infiltration experiments and X-ray bulk density measurements. Journal of Hydrology, 2007, 341, 12-26.	2.3	29
64	Dynamics of Soil Surface Bulk Density: Role of Water Table Elevation and Rainfall Duration. Soil Science Society of America Journal, 2008, 72, 412-423.	1.2	29
65	Prediction of spatially variable unsaturated hydraulic conductivity using scaled particle size distribution functions. Water Resources Research, 2013, 49, 4219-4229.	1.7	27
66	Combined Effect of Sodidity and Organic Matter on Soil Properties under Long-term Irrigation with Treated Wastewater. Vadose Zone Journal, 2016, 15, 1-10.	1.3	27
67	Plant Water Use Efficiency over Geological Time – Evolution of Leaf Stomata Configurations Affecting Plant Gas Exchange. PLoS ONE, 2013, 8, e67757.	1.1	27
68	Rainfall induced soil seal (C) A dynamic model with kinetic energy instead of cumulative rainfall as independent variable. Catena, 1990, 17, 289-303.	2.2	25
69	Effects of management policies, including artificial recharge, on salinization in a sloping aquifer: The Israeli Coastal Aquifer case. Water Resources Research, 2004, 40, .	1.7	25
70	The Similarity of Regional Rainfall: A Dimensionless Model of Drop Size Distribution. Transactions of the American Society of Agricultural Engineers, 1989, 32, 1216-1222.	0.9	24
71	Use of Bulk Density Profiles from X-ray Radiography to Examine Structural Crust Models. Soil Science Society of America Journal, 2004, 68, 1169-1176.	1.2	24
72	Water uptake, active root volume, and solute leaching under drip irrigation: A numerical study. Water Resources Research, 2009, 45, .	1.7	24

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73	Microdrip Irrigation of Field Crops. Soil Science Society of America Journal, 2002, 66, 228-235.	1.2	23
74	Response of Hass™ avocado trees to irrigation management and root constraint. Agricultural Water Management, 2012, 104, 95-103.	2.4	23
75	Diurnal Course of Evaporation From the Dead Sea in Summer: A Distinct Double Peak Induced by Solar Radiation and Night Sea Breeze. Water Resources Research, 2018, 54, 150-160.	1.7	23
76	Modeling Rainfall-Runoff and Soil Erosion Processes on Hillslopes With Complex Rill Network Planform. Water Resources Research, 2018, 54, 10,117.	1.7	23
77	Free Flow at the Interface of Porous Surfaces: A Generalization of the Taylor Brush Configuration. Transport in Porous Media, 2004, 54, 345-360.	1.2	22
78	Secondary dispersal driven by overland flow in drylands: Review and mechanistic model development. Movement Ecology, 2014, 2, 7.	1.3	22
79	Avocado fertilization: Matching the periodic demand for nutrients. Scientia Horticulturae, 2018, 241, 231-240.	1.7	22
80	Title is missing!. Transport in Porous Media, 2003, 53, 75-94.	1.2	21
81	On the Diurnal Soil Water Content Dynamics during Evaporation using Dielectric Methods. Vadose Zone Journal, 2010, 9, 709-718.	1.3	21
82	An explicit, parsimonious, and accurate estimate for ponded infiltration into soils using the Green and Ampt approach. Water Resources Research, 2017, 53, 7481-7487.	1.7	21
83	Irrigation of Hass™ avocado: effects of constant vs. temporary water stress. Irrigation Science, 2019, 37, 451-460.	1.3	19
84	Microdrip Irrigation of Field Crops. Soil Science Society of America Journal, 2002, 66, 228.	1.2	19
85	Evaporation from Lake Kinneret: 2. Estimation of the Horizontal variability using a two-dimensional numerical mesoscale model. Water Resources Research, 1993, 29, 911-916.	1.7	18
86	Modeling soil compaction under uniaxial compression. Soil Science Society of America Journal, 2002, 66, 1784-1787.	1.2	18
87	Drop size distributions and kinetic energy rates in variable intensity rainfall. Water Resources Research, 2009, 45, .	1.7	18
88	The effects of container geometry on water and heat regimes in soilless culture: lettuce as a case study. Irrigation Science, 2015, 33, 53-65.	1.3	18
89	Spatial and Temporal Variability in Microclimate and Evaporation over Lake Kinneret: Experimental Evaluation. Journal of Applied Meteorology and Climatology, 1996, 35, 1076-1084.	1.7	17
90	Simulation of Non-enzymatic Template-directed Synthesis of Oligonucleotides and Peptides. Journal of Theoretical Biology, 2001, 208, 117-125.	0.8	17

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91	Effect of wind variability on topographic waves: Lake Kinneret case. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	17
92	Soil seal formation and its effect on infiltration: Uniform versus nonuniform seal approximation. <i>Water Resources Research</i> , 2001, 37, 297-305.	1.7	16
93	Response of Leucadendron "Safari Sunset"™ to regulated deficit irrigation: Effects of stress timing on growth and yield quality. <i>Agricultural Water Management</i> , 2007, 87, 162-170.	2.4	16
94	Modelling the physical characteristics of simulated rainfall: a comparison with natural rainfall. <i>Journal of Hydrology</i> , 1997, 196, 336-347.	2.3	15
95	The effect of soil surface sealing on vegetation water uptake along a dry climatic gradient. <i>Water Resources Research</i> , 2015, 51, 7452-7466.	1.7	15
96	Deviations from unity of the ratio of the turbulent Schmidt to Prandtl numbers in stratified atmospheric flows over water surfaces. <i>Physical Review Fluids</i> , 2016, 1, .	1.0	15
97	Air entry"based characteristic length for estimation of permeability of variably compacted earth materials. <i>Water Resources Research</i> , 2008, 44, .	1.7	14
98	Combined effect of irrigation regime and fruit load on the patterns of trunk-diameter variation of "Hass"™ avocado at different phenological periods. <i>Agricultural Water Management</i> , 2013, 129, 87-94.	2.4	14
99	Evaluating the relative air permeability of porous media from their water retention curves. <i>Water Resources Research</i> , 2016, 52, 3428-3439.	1.7	14
100	Introduction and evaluation of a $\langle W \rangle$ based hydraulic conductivity-pressure head relationship for unsaturated soils. <i>Water Resources Research</i> , 2017, 53, 4956-4964.	1.7	14
101	Soil Sealing, Infiltration and Runoff. <i>Water Science and Technology Library</i> , 1996, , 131-181.	0.2	14
102	Rainfall induced soil seal (B) Application of a new model to saturated soils. <i>Catena</i> , 1990, 17, 205-218.	2.2	13
103	Erosion and Lateral Surface Processes. <i>Vadose Zone Journal</i> , 2017, 16, 1-4.	1.3	13
104	Mitigating the Impact of Irrigation With Effluent Water: Mixing With Freshwater and/or Adjusting Irrigation Management and Design. <i>Water Resources Research</i> , 2020, 56, e2020WR027781.	1.7	13
105	What Can We Learn From the Water Retention Characteristic of a Soil Regarding Its Hydrological and Agricultural Functions? Review and Analysis of Actual Knowledge. <i>Water Resources Research</i> , 2021, 57, e2021WR031026.	1.7	13
106	Tillage Effects on Water and Salt Distribution in a Vertisol during Effluent Irrigation and Rainfall. <i>Agronomy Journal</i> , 2002, 94, 1295-1304.	0.9	11
107	Liquid and Vapor Water in Vadose Zone Profiles Above Deep Aquifers in Hyper"Arid Environments. <i>Water Resources Research</i> , 2019, 55, 3619-3631.	1.7	11
108	Impact of Water Regime and Growing Conditions on Soil"Plant Interactions: From Single Plant to Field Scale. <i>Vadose Zone Journal</i> , 2012, 11, vzt2012.0006.	1.3	10

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109	Soil Surface Sealing Effect on Soil Moisture at a Semiarid Hillslope: Implications for Remote Sensing Estimation. <i>Remote Sensing</i> , 2014, 6, 7469-7490.	1.8	10
110	Evaporation From Soil Containers With Irregular Shapes. <i>Water Resources Research</i> , 2017, 53, 8795-8806.	1.7	10
111	A Simple Method to Design Irrigation Rate and Duration and Improve Water Use Efficiency. <i>Water Resources Research</i> , 2019, 55, 6295-6301.	1.7	10
112	Frequency analysis of storm-scale soil erosion and characterization of extreme erosive events by linking the DWEPP model and a stochastic rainfall generator. <i>Science of the Total Environment</i> , 2021, 787, 147609.	3.9	10
113	Hydraulic characteristics and water relations of net house-grown bell pepper as affected by irrigation regimes in a Mediterranean climate. <i>Environmental and Experimental Botany</i> , 2006, 57, 226-235.	2.0	9
114	Prediction of Unsaturated Relative Hydraulic Conductivity from Kosugi's Water Retention Function. <i>Procedia Environmental Sciences</i> , 2013, 19, 609-617.	1.3	9
115	The foam drainage equation for unsaturated flow in porous media. <i>Water Resources Research</i> , 2013, 49, 6258-6265.	1.7	9
116	Insights from "The Hidden Half": The impact of root-zone oxygen and redox dynamics on the response of avocado to long-term irrigation with treated wastewater in clayey soil. <i>Israel Journal of Plant Sciences</i> , 2017, 64, 1-18.	0.3	8
117	Estimation of Intrinsic Length Scales of Flow in Unsaturated Porous Media. <i>Water Resources Research</i> , 2017, 53, 9980-9987.	1.7	8
118	High-Resolution Measurement of Topographic Changes in Agricultural Soils. <i>Vadose Zone Journal</i> , 2017, 16, 1-18.	1.3	8
119	Tillage and Saline Irrigation Effects on Water and Salt Distribution in a Sloping Field. <i>Soil Science Society of America Journal</i> , 2000, 64, 2096-2102.	1.2	7
120	Evaporation From Multilayered Heterogeneous Bare Soil Profiles. <i>Water Resources Research</i> , 2019, 55, 5770-5783.	1.7	7
121	Quantifying Shallow Overland Flow Patterns Under Laboratory Simulations Using Thermal and LiDAR Imagery. <i>Water Resources Research</i> , 2021, 57, e2020WR028857.	1.7	7
122	Introduction to a special section on ecohydrology of semiarid environments: Confronting mathematical models with ecosystem complexity. <i>Water Resources Research</i> , 2015, 51, 8677-8683.	1.7	6
123	Electrical Resistivity Tomography of the Root Zone. <i>SSSA Special Publication Series</i> , 0, , 223-245.	0.2	6
124	The foam drainage equation for drainage dynamics in unsaturated porous media. <i>Water Resources Research</i> , 2017, 53, 5706-5724.	1.7	6
125	Reducing Evaporation From Water Reservoirs Using Floating Lattice Structures. <i>Water Resources Research</i> , 2021, 57, e2021WR029670.	1.7	6
126	Effects of Water Applications and Soil Tillage on Water and Salt Distribution in a Vertisol. <i>Soil Science Society of America Journal</i> , 2003, 67, 852.	1.2	5

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127	Compaction effects on evaporation and salt precipitation in drying porous media. <i>Hydrology and Earth System Sciences</i> , 2022, 26, 2499-2517.	1.9	5
128	Reply [to "Comment on "Effect of Rainfall-Induced Soil Seals on Soil Water Regime: Wetting Processes" by Y. Mualem, S. Assouline, and D. Eltahan]. <i>Water Resources Research</i> , 1995, 31, 235-236.	1.7	4
129	Effects of Water Applications and Soil Tillage on Water and Salt Distribution in a Vertisol. <i>Soil Science Society of America Journal</i> , 2003, 67, 852-858.	1.2	4
130	Temporal variability of soil water content in a semiarid hillslope across time scales: Effect of soil surface condition. <i>Journal of Arid Environments</i> , 2015, 112, 64-74.	1.2	4
131	Soil Surface Sealing and Crusting. <i>Encyclopedia of Earth Sciences Series</i> , 2011, , 786-791.	0.1	4
132	Modeling Transient Evaporation From Porous Media as a Succession of Steady-State Steps. <i>Water Resources Research</i> , 2021, 57, e2021WR030245.	1.7	4
133	Lateral Flow and Contributing Area Control Vegetation Cover in a Semiarid Environment. <i>Water Resources Research</i> , 2021, 57, e2021WR030998.	1.7	4
134	Modeling the Disordered Dense Phase in the Packing of Binary Mixtures of Spheres. <i>Journal of Colloid and Interface Science</i> , 1998, 204, 87-92.	5.0	3
135	Comment on "Column-scale unsaturated hydraulic conductivity estimates in coarse-textured homogeneous and layered soils derived under steady-state evaporation from a water table" by M. Sadeghi, M. Tuller, M.R. Gohardoust and S.B. Jones. <i>Journal of Hydrology</i> , 2015, 529, 1274-1276.	2.3	3
136	The effect of irrigation level in the kernel dry matter accumulation period on almond yield, kernel dry weight, fruit count, and canopy size. <i>Irrigation Science</i> , 2018, 36, 1-8.	1.3	3
137	Synchrotron microtomographic quantification of geometrical soil pore characteristics affected by compaction. <i>Soil</i> , 2016, 2, 211-220.	2.2	2
138	On the Relationships Between Radar Reflectivity and Rainfall Rate and Kinetic Energy Resulting From a Weibull Drop Size Distribution. <i>Water Resources Research</i> , 2020, 56, e2020WR028156.	1.7	2
139	Infiltration. , 2006, , 7-1-7-18.		2
140	Unique Relationship Between Rate and Cumulative Flow: A Property of Infiltration and Evaporation in Soils. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	2
141	Comment on "A partial contributing area model for linking rainfall simulation data with hydrographs of a small arid watershed" by J. Ben-Asher and G. Humborg. <i>Water Resources Research</i> , 1994, 30, 139-141.	1.7	1
142	Comment on "Laboratory evaluation of a hydrodynamic inverse modeling method based on water content data" by S. Lambot, F. Hupet, M. Javaux, and M. Vanclooster. <i>Water Resources Research</i> , 2004, 40, .	1.7	1
143	Wind Spatial Variability and Topographic Wave Frequency. <i>Journal of Physical Oceanography</i> , 2008, 38, 2085-2096.	0.7	1
144	Computed Tomographic Evaluation of Earth Materials with Varying Resolutions. <i>SSSA Special Publication Series</i> , 0, , 97-112.	0.2	1

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145	The impact of tree phenology on the response of irrigated avocado: The hysteretic nature of the maximum trunk daily shrinkage. <i>Agricultural Water Management</i> , 2021, 256, 107104.	2.4	1
146	Lorentzian Filter Correction of Turbulence Measurements on Oscillating Floating Platforms: Impact on Wind Spectra and Eddyâ€Covariance Fluxes. <i>Water Resources Research</i> , 2021, 57, e2020WR027583.	1.7	0
147	Crusts and seals: Structural. , 2022, , .		0