

Charles J Werth

List of Publications by Year in descending order

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124
papers

5,549
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53794

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125
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125
docs citations

125
times ranked

5059
citing authors

#	ARTICLE	IF	CITATIONS
1	Critical Review of Pd-Based Catalytic Treatment of Priority Contaminants in Water. <i>Environmental Science & Technology</i> , 2012, 46, 3655-3670.	10.0	373
2	Evaluation of the Effects of Porous Media Structure on Mixing-Controlled Reactions Using Pore-Scale Modeling and Micromodel Experiments. <i>Environmental Science & Technology</i> , 2008, 42, 3185-3193.	10.0	192
3	A review of non-invasive imaging methods and applications in contaminant hydrogeology research. <i>Journal of Contaminant Hydrology</i> , 2010, 113, 1-24.	3.3	174
4	Effects of Natural Water Ions and Humic Acid on Catalytic Nitrate Reduction Kinetics Using an Alumina Supported Pd~Cu Catalyst. <i>Environmental Science & Technology</i> , 2006, 40, 3075-3081.	10.0	153
5	Enhanced mixing and reaction through flow focusing in heterogeneous porous media. <i>Water Resources Research</i> , 2006, 42, .	4.2	137
6	Impacts of Geochemical Reactions on Geologic Carbon Sequestration. <i>Environmental Science & Technology</i> , 2013, 47, 3-8.	10.0	133
7	Pore-scale simulation of mixing-induced calcium carbonate precipitation and dissolution in a microfluidic pore network. <i>Water Resources Research</i> , 2012, 48, .	4.2	126
8	Pore-Scale Study of Transverse Mixing Induced CaCO ₃ Precipitation and Permeability Reduction in a Model Subsurface Sedimentary System. <i>Environmental Science & Technology</i> , 2010, 44, 7833-7838.	10.0	123
9	Effects of Temperature on Trichloroethylene Desorption from Silica Gel and Natural Sediments. 2. Kinetics. <i>Environmental Science & Technology</i> , 1997, 31, 697-703.	10.0	101
10	Pore-Scale Simulations of Gas Displacing Liquid in a Homogeneous Pore Network Using the Lattice Boltzmann Method. <i>Transport in Porous Media</i> , 2013, 99, 555-580.	2.6	101
11	Analysis of pore-scale nonaqueous phase liquid dissolution in etched silicon pore networks. <i>Water Resources Research</i> , 2003, 39, .	4.2	98
12	Enhanced Activity and Selectivity of Carbon Nanofiber Supported Pd Catalysts for Nitrite Reduction. <i>Environmental Science & Technology</i> , 2012, 46, 2847-2855.	10.0	98
13	PdAu Alloy Nanoparticle Catalysts: Effective Candidates for Nitrite Reduction in Water. <i>ACS Catalysis</i> , 2017, 7, 3268-3276.	11.2	89
14	Catalytic Nitrate and Nitrite Reduction with Pd~Cu/PVP Colloids in Water: Composition, Structure, and Reactivity Correlations. <i>Journal of Physical Chemistry C</i> , 2009, 113, 8177-8185.	3.1	88
15	Evaluation of a hybrid ion exchange-catalyst treatment technology for nitrate removal from drinking water. <i>Water Research</i> , 2016, 96, 177-187.	11.3	84
16	Effects of grain-scale mass transfer on the transport of volatile organics through sediments: 1. Model development. <i>Water Resources Research</i> , 1997, 33, 2713-2726.	4.2	83
17	Evaluating Competitive Sorption Mechanisms of Volatile Organic Compounds in Soils and Sediments Using Polymers and Zeolites. <i>Environmental Science & Technology</i> , 2001, 35, 568-574.	10.0	83
18	Elucidation of Nitrate Reduction Mechanisms on a Pd~Ni Bimetallic Catalyst using Isotope Labeled Nitrogen Species. <i>ChemCatChem</i> , 2013, 5, 313-321.	3.7	83

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19	Regeneration of Sulfur-Fouled Bimetallic Pd-Based Catalysts. <i>Environmental Science & Technology</i> , 2007, 41, 5491-5497.	10.0	82
20	Environmental risk analysis of hazardous material rail transportation. <i>Journal of Hazardous Materials</i> , 2014, 264, 560-569.	12.4	82
21	Palladium Nanoparticles Encapsulated in Core-Shell Silica: A Structured Hydrogenation Catalyst with Enhanced Activity for Reduction of Oxyanion Water Pollutants. <i>ACS Catalysis</i> , 2014, 4, 3551-3559.	11.2	79
22	A Magnetic Resonance Imaging Study of Dense Nonaqueous Phase Liquid Dissolution from Angular Porous Media. <i>Environmental Science & Technology</i> , 2002, 36, 3310-3317.	10.0	76
23	Structure Sensitivity Study of Waterborne Contaminant Hydrogenation Using Shape- and Size-Controlled Pd Nanoparticles. <i>ACS Catalysis</i> , 2013, 3, 453-463.	11.2	74
24	Pore-scale simulation of dispersion and reaction along a transverse mixing zone in two-dimensional porous media. <i>Water Resources Research</i> , 2007, 43, .	4.2	73
25	Performance and life cycle environmental benefits of recycling spent ion exchange brines by catalytic treatment of nitrate. <i>Water Research</i> , 2015, 80, 267-280.	11.3	71
26	Effects of grain-scale mass transfer on the transport of volatile organics through sediments: 2. Column results. <i>Water Resources Research</i> , 1997, 33, 2727-2740.	4.2	70
27	Cu _x Ir _{1-x} Nanoalloy Catalysts Achieve Near 100% Selectivity for Aqueous Nitrite Reduction to NH ₃ . <i>ACS Catalysis</i> , 2020, 10, 7915-7921.	11.2	69
28	Effects of Pore-Scale Heterogeneity and Transverse Mixing on Bacterial Growth in Porous Media. <i>Environmental Science & Technology</i> , 2010, 44, 3085-3092.	10.0	67
29	Comparative Assessment of the Environmental Sustainability of Existing and Emerging Perchlorate Treatment Technologies for Drinking Water. <i>Environmental Science & Technology</i> , 2013, 47, 4644-4652.	10.0	67
30	Mechanisms for Abiotic Dechlorination of Trichloroethene by Ferrous Minerals under Oxidic and Anoxic Conditions in Natural Sediments. <i>Environmental Science & Technology</i> , 2018, 52, 13747-13755.	10.0	64
31	PdAg Alloy Nanocatalysts: Toward Economically Viable Nitrite Reduction in Drinking Water. <i>ACS Catalysis</i> , 2020, 10, 7979-7989.	11.2	64
32	Comparison of continuum and pore-scale models of nutrient biodegradation under transverse mixing conditions. <i>Advances in Water Resources</i> , 2007, 30, 1421-1431.	3.8	63
33	Effects of Temperature on Trichloroethylene Desorption from Silica Gel and Natural Sediments. 1. Isotherms. <i>Environmental Science & Technology</i> , 1997, 31, 689-696.	10.0	62
34	Application of a Re-Pd bimetallic catalyst for treatment of perchlorate in waste ion-exchange regenerant brine. <i>Water Research</i> , 2013, 47, 91-101.	11.3	62
35	Mixing-Limited Reactions in Porous Media. <i>Transport in Porous Media</i> , 2019, 130, 157-182.	2.6	61
36	An improved pore-scale biofilm model and comparison with a microfluidic flow cell experiment. <i>Water Resources Research</i> , 2013, 49, 8370-8382.	4.2	57

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37	Highly active Pd ^{II} /In/mesoporous alumina catalyst for nitrate reduction. <i>Journal of Hazardous Materials</i> , 2015, 286, 425-431.	12.4	57
38	Pore-scale modeling of dissolution from variably distributed nonaqueous phase liquid blobs. <i>Water Resources Research</i> , 2001, 37, 2951-2963.	4.2	54
39	Critical Review: DNA Aptasensors, Are They Ready for Monitoring Organic Pollutants in Natural and Treated Water Sources?. <i>Environmental Science & Technology</i> , 2018, 52, 8989-9007.	10.0	53
40	Evaluation of simplified mass transfer models to simulate the impacts of source zone architecture on nonaqueous phase liquid dissolution in heterogeneous porous media. <i>Journal of Contaminant Hydrology</i> , 2008, 102, 49-60.	3.3	52
41	Pore-Scale Analysis of Anaerobic Halorespiring Bacterial Growth along the Transverse Mixing Zone of an Etched Silicon Pore Network. <i>Environmental Science & Technology</i> , 2003, 37, 5617-5624.	10.0	50
42	Geobiology reveals how human kidney stones dissolve in vivo. <i>Scientific Reports</i> , 2018, 8, 13731.	3.3	50
43	Intracellular versus extracellular accumulation of Hexavalent chromium reduction products by <i>Geobacter sulfurreducens</i> PCA. <i>Environmental Pollution</i> , 2018, 240, 485-492.	7.5	50
44	Characterization of NAPL Source Zone Architecture and Dissolution Kinetics in Heterogeneous Porous Media Using Magnetic Resonance Imaging. <i>Environmental Science & Technology</i> , 2007, 41, 3672-3678.	10.0	49
45	The Selectivity and Sustainability of a Pd ^{II} /In ^{III} -Al ₂ O ₃ Catalyst in a Packed-Bed Reactor: The Effect of Solution Composition. <i>Catalysis Letters</i> , 2009, 130, 56-62.	2.6	49
46	Selective Aptamers for Detection of Estradiol and Ethynylestradiol in Natural Waters. <i>Environmental Science & Technology</i> , 2015, 49, 9905-9913.	10.0	48
47	Visualization and Modeling of Polystyrol Colloid Transport in a Silicon Micromodel. <i>Vadose Zone Journal</i> , 2004, 3, 434-443.	2.2	47
48	Bioinspired Complex-Nanoparticle Hybrid Catalyst System for Aqueous Perchlorate Reduction: Rhenium Speciation and Its Influence on Catalyst Activity. <i>ACS Catalysis</i> , 2015, 5, 511-522.	11.2	45
49	Effects of Mineral Surface Properties on Supercritical CO ₂ Wettability in a Siliciclastic Reservoir. <i>Energy & Fuels</i> , 2017, 31, 5275-5285.	5.1	41
50	Modeling sorption isotherms of volatile organic chemical mixtures in model and natural solids. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 1377-1383.	4.3	40
51	Visualization of colloid transport through heterogeneous porous media using magnetic resonance imaging. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005, 265, 2-10.	4.7	39
52	Pore-scale evaluation of uranyl phosphate precipitation in a model groundwater system. <i>Water Resources Research</i> , 2013, 49, 874-890.	4.2	38
53	The Role of Condensed Carbonaceous Materials on the Sorption of Hydrophobic Organic Contaminants in Subsurface Sediments. <i>Environmental Science & Technology</i> , 2008, 42, 1458-1464.	10.0	37
54	Metabolism-Induced CaCO ₃ Biomineralization During Reactive Transport in a Micromodel: Implications for Porosity Alteration. <i>Environmental Science & Technology</i> , 2015, 49, 12094-12104.	10.0	36

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55	Real rock-microfluidic flow cell: A test bed for real-time in situ analysis of flow, transport, and reaction in a subsurface reactive transport environment. <i>Journal of Contaminant Hydrology</i> , 2017, 204, 28-39.	3.3	36
56	Influence of Mg ²⁺ on CaCO ₃ precipitation during subsurface reactive transport in a homogeneous silicon-etched pore network. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 135, 321-335.	3.9	35
57	Nanowires of <i>Geobacter sulfurreducens</i> Require Redox Cofactors to Reduce Metals in Pore Spaces Too Small for Cell Passage. <i>Environmental Science & Technology</i> , 2017, 51, 11660-11668.	10.0	34
58	Slow Desorption Mechanisms of Volatile Organic Chemical Mixtures in Soil and Sediment Micropores. <i>Environmental Science & Technology</i> , 2004, 38, 440-448.	10.0	33
59	Estimation of Interfacial Tension between Organic Liquid Mixtures and Water. <i>Environmental Science & Technology</i> , 2009, 43, 7754-7761.	10.0	33
60	Using dispersivity values to quantify the effects of pore-scale flow focusing on enhanced reaction along a transverse mixing zone. <i>Advances in Water Resources</i> , 2010, 33, 525-535.	3.8	33
61	Enhancement of Oxyanion and Diatrizoate Reduction Kinetics Using Selected Azo Dyes on Pd-Based Catalysts. <i>Environmental Science & Technology</i> , 2010, 44, 1773-1779.	10.0	33
62	A hybrid pore-scale and continuum-scale model for solute diffusion, reaction, and biofilm development in porous media. <i>Water Resources Research</i> , 2015, 51, 1846-1859.	4.2	33
63	A review of geochemical-mechanical impacts in geological carbon storage reservoirs. , 2019, 9, 474-504.		32
64	Factors Impeding Replacement of Ion Exchange with (Electro)Catalytic Treatment for Nitrate Removal from Drinking Water. <i>ACS ES&T Engineering</i> , 2021, 1, 6-20.	7.6	32
65	Scalable subsurface inverse modeling of huge data sets with an application to tracer concentration breakthrough data from magnetic resonance imaging. <i>Water Resources Research</i> , 2016, 52, 5213-5231.	4.2	30
66	Geochemical and geomechanical alteration of siliciclastic reservoir rock by supercritical CO ₂ -saturated brine formed during geological carbon sequestration. <i>International Journal of Greenhouse Gas Control</i> , 2019, 88, 251-260.	4.6	29
67	An environmental screening model to assess the consequences to soil and groundwater from railroad-tank-car spills of light non-aqueous phase liquids. <i>Journal of Hazardous Materials</i> , 2009, 165, 332-344.	12.4	28
68	Chitin and corncobs as electron donor sources for the reductive dechlorination of tetrachloroethene. <i>Water Research</i> , 2006, 40, 2125-2134.	11.3	27
69	Configuration Control in the Synthesis of Homo- and Heteroleptic Bis(oxazolinyphenolato/thiazolinyphenolato) Chelate Ligand Complexes of Oxorhenium(V): Isomer Effect on Ancillary Ligand Exchange Dynamics and Implications for Perchlorate Reduction Catalysis. <i>Inorganic Chemistry</i> , 2016, 55, 2597-2611.	4.0	26
70	Diffusion-Based Recycling of Flavins Allows <i>Shewanella oneidensis</i> MR-1 To Yield Energy from Metal Reduction Across Physical Separations. <i>Environmental Science & Technology</i> , 2019, 53, 3480-3487.	10.0	26
71	Modeling the Influence of Water Content on Soil Vapor Extraction. <i>Vadose Zone Journal</i> , 2003, 2, 368-381.	2.2	23
72	Numerical simulation of water flow in three dimensional heterogeneous porous media observed in a magnetic resonance imaging experiment. <i>Water Resources Research</i> , 2008, 44, .	4.2	23

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73	Mechanism and Mitigation of the Decomposition of an Oxorhenium Complex-Based Heterogeneous Catalyst for Perchlorate Reduction in Water. <i>Environmental Science & Technology</i> , 2015, 49, 12932-12940.	10.0	22
74	Structural Evaluation of Slow Desorbing Sites in Model and Natural Solids Using Temperature Stepped Desorption Profiles. 1. Model Development. <i>Environmental Science & Technology</i> , 2000, 34, 2959-2965.	10.0	21
75	Evaluation of Methods To Obtain Geosorbent Fractions Enriched in Carbonaceous Materials That Affect Hydrophobic Organic Chemical Sorption. <i>Environmental Science & Technology</i> , 2005, 39, 3279-3288.	10.0	21
76	A New Bioinspired Perchlorate Reduction Catalyst with Significantly Enhanced Stability via Rational Tuning of Rhenium Coordination Chemistry and Heterogeneous Reaction Pathway. <i>Environmental Science & Technology</i> , 2016, 50, 5874-5881.	10.0	21
77	Modeling the effects of concentration history on the slow desorption of trichloroethene from a soil at 100% relative humidity. <i>Journal of Contaminant Hydrology</i> , 2002, 54, 307-327.	3.3	20
78	Modeling CO_2 -Induced Alterations in Mt. Simon Sandstone via Nanomechanics. <i>Rock Mechanics and Rock Engineering</i> , 2019, 52, 1353-1375.	5.4	20
79	Binary Desorption Isotherms of TCE and PCE from Silica Gel and Natural Solids. <i>Environmental Science & Technology</i> , 2000, 34, 4341-4347.	10.0	19
80	Immobilization of Selenite via Two Parallel Pathways during In Situ Bioremediation. <i>Environmental Science & Technology</i> , 2015, 49, 4543-4550.	10.0	19
81	Reactive alteration of a Mt. Simon Sandstone due to CO_2 -rich brine displacement. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 271, 227-247.	3.9	19
82	Surfactant Adsorption on Shale Samples: Experiments and an Additive Model. <i>Energy & Fuels</i> , 2020, 34, 5436-5443.	5.1	19
83	Impact of nonaqueous phase liquid (NAPL) source zone architecture on mass removal mechanisms in strongly layered heterogeneous porous media during soil vapor extraction. <i>Journal of Contaminant Hydrology</i> , 2008, 100, 58-71.	3.3	18
84	Numerical and experimental investigation of DNAPL removal mechanisms in a layered porous medium by means of soil vapor extraction. <i>Journal of Contaminant Hydrology</i> , 2009, 109, 1-13.	3.3	18
85	Environmental Impacts of Replacing Slickwater with Low/No-Water Fracturing Fluids for Shale Gas Recovery. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 7515-7524.	6.7	18
86	Evaluation of Different Polymeric Organic Materials for Creating Conditions That Favor Reductive Processes in Groundwater. <i>Bioremediation Journal</i> , 2001, 5, 169-181.	2.0	17
87	Potential contributions of asphalt and coal tar to black carbon quantification in urban dust, soils, and sediments. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 6830-6840.	3.9	17
88	Contributions of biotic and abiotic pathways to anaerobic trichloroethene transformation in low permeability source zones. <i>Journal of Contaminant Hydrology</i> , 2019, 224, 103480.	3.3	17
89	Motility of <i>Shewanella oneidensis</i> MR-1 Allows for Nitrate Reduction in the Toxic Region of a Ciprofloxacin Concentration Gradient in a Microfluidic Reactor. <i>Environmental Science & Technology</i> , 2019, 53, 2778-2787.	10.0	16
90	Catalytic Denitrification in a Trickle Bed Reactor: Ion Exchange Waste Brine Treatment. <i>Journal - American Water Works Association</i> , 2017, 109, E129.	0.3	15

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91	Web-based interactive simulation of groundwater pollutant fate and transport. Computer Applications in Engineering Education, 2004, 12, 75-83.	3.4	14
92	Catalytic Nitrate Removal in a Trickle Bed Reactor: Direct Drinking Water Treatment. Journal - American Water Works Association, 2017, 109, .	0.3	14
93	Structural Evaluation of Slow Desorbing Sites in Model and Natural Solids Using Temperature Stepped Desorption Profiles. 2. Column Results. Environmental Science & Technology, 2000, 34, 2966-2972.	10.0	13
94	Abiotic dechlorination of chlorinated ethenes in natural clayey soils: Impacts of mineralogy and temperature. Journal of Contaminant Hydrology, 2017, 206, 10-17.	3.3	13
95	Counter-Diffusion of Isotopically Labeled Trichloroethylene in Silica Gel and Geosorbent Micropores:â€% Column Results. Environmental Science & Technology, 1999, 33, 730-736.	10.0	12
96	Effect of soil moisture dynamics on dense nonaqueous phase liquid (DNAPL) spill zone architecture in heterogeneous porous media. Journal of Contaminant Hydrology, 2007, 90, 159-183.	3.3	12
97	Ligand Design for Isomer-Selective Oxorhenium(V) Complex Synthesis. Inorganic Chemistry, 2017, 56, 1757-1769.	4.0	12
98	Aqueous N2O Reduction with H2 Over Pd-Based Catalyst: Mechanistic Insights From Experiment and Simulation. Topics in Catalysis, 2012, 55, 300-312.	2.8	11
99	Adaptation of Delftia acidovorans for degradation of 2,4-dichlorophenoxyacetate in a microfluidic porous medium. Biodegradation, 2014, 25, 595-604.	3.0	11
100	Adaptive Evolution of <i>Escherichia coli</i> to Ciprofloxacin in Controlled Stress Environments: Contrasting Patterns of Resistance in Spatially Varying versus Uniformly Mixed Concentration Conditions. Environmental Science & Technology, 2019, 53, 7996-8005.	10.0	11
101	CO2 induced changes in Mount Simon sandstone: Understanding links to post CO2 injection monitoring, seismicity, and reservoir integrity. International Journal of Greenhouse Gas Control, 2020, 100, 103109.	4.6	11
102	Surface and Interfacial Properties of Nonaqueousâ€Phase Liquid Mixtures Released to the Subsurface at the Hanford Site. Vadose Zone Journal, 2009, 8, 343-351.	2.2	10
103	An Incompressible, Depth-Averaged Lattice Boltzmann Method for Liquid Flow in Microfluidic Devices with Variable Aperture. Computation, 2015, 3, 600-615.	2.0	10
104	Towards predicting DNAPL source zone formation to improve plume assessment: Using robust laboratory and numerical experiments to evaluate the relevance of retention curve characteristics. Journal of Hazardous Materials, 2021, 407, 124741.	12.4	10
105	Counter-Diffusion of Isotopically Labeled Trichloroethylene in Silica Gel and Geosorbent Micropores:Â Model Development. Environmental Science & Technology, 1999, 33, 2178-2185.	10.0	9
106	Scalable Reactor Design for Electrocatalytic Nitrite Reduction with Minimal Mass Transfer Limitations. ACS ES&T Engineering, 2021, 1, 204-215.	7.6	8
107	Using MODFLOW and RT3D to simulate diffusion and reaction without discretizing low permeability zones. Journal of Contaminant Hydrology, 2021, 239, 103777.	3.3	8
108	Quantification of Uncertainties from Image Processing and Analysis in Laboratory-Scale DNAPL Release Studies Evaluated by Reflective Optical Imaging. Water (Switzerland), 2019, 11, 2274.	2.7	7

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109	The role of chemotaxis and efflux pumps on nitrate reduction in the toxic regions of a ciprofloxacin concentration gradient. ISME Journal, 2021, 15, 2920-2932.	9.8	7
110	Impact of antibiotic concentration gradients on nitrate reduction and antibiotic resistance in a microfluidic gradient chamber. Science of the Total Environment, 2021, 779, 146503.	8.0	7
111	Visualization and Modeling of Polystyrol Colloid Transport in a Silicon Micromodel. Vadose Zone Journal, 2004, 3, 434-443.	2.2	6
112	Oxidative Regeneration of Sulfide-fouled Catalysts for Water Treatment. Catalysis Letters, 2009, 132, 174-181.	2.6	5
113	Modeling the Influence of Water Content on Soil Vapor Extraction. Vadose Zone Journal, 2003, 2, 368-381.	2.2	5
114	NAPL Source Zone Depletion Model and Its Application to Railroad Tank Car Spills. Ground Water, 2012, 50, 627-632.	1.3	4
115	Abiotic dechlorination in the presence of ferrous minerals. Journal of Contaminant Hydrology, 2021, 241, 103839.	3.3	4
116	Contamination Assessment and Site Management Tool (CAST): A Browser-Based Tool for Site Assessment. Ground Water, 2021, , .	1.3	4
117	Heterogeneous Catalytic Reduction for Water Purification: Nanoscale Effects on Catalytic Activity, Selectivity, and Sustainability. , 2009, , 269-279.		3
118	A New Geometric Method Based on Two-Dimensional Transmission Electron Microscopy for Analysis of Interior versus Exterior Pd Loading on Hollow Carbon Nanofibers. Journal of Physical Chemistry Letters, 2011, 2, 1082-1087.	4.6	3
119	Surfactant inhibition mechanisms of carbonate mineral dissolution in shale. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 625, 126857.	4.7	3
120	Structural Changes of Bimetallic PdX/Cu (1-X) Nanocatalysts Developed for Nitrate Reduction of Drinking Water. Materials Research Society Symposia Proceedings, 2005, 876, 1.	0.1	2
121	Geochemically induced shear slip in artificially fractured dolomite- and clay-cemented sandstone. International Journal of Greenhouse Gas Control, 2021, 111, 103448.	4.6	2
122	Advanced Geomechanical Model to Predict the Impact of CO2-Induced Microstructural Alterations on the Cohesive-Frictional Behavior of Mt. Simon Sandstone. Minerals (Basel, Switzerland), 2021, 11, 38.	2.0	1
123	Heterogeneous Catalytic Reduction for Water Purification. , 2014, , 339-349.		0
124	Modeling the Influence of Water Content on Soil Vapor Extraction. Vadose Zone Journal, 2003, 2, 368.	2.2	0