

Peng Wang

List of Publications by Year in descending order

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133
papers

17,056
citations

20036

63
h-index

16186

128
g-index

143
all docs

143
docs citations

143
times ranked

21789
citing authors

#	ARTICLE	IF	CITATIONS
1	Conversion and storage of solar energy for cooling. <i>Energy and Environmental Science</i> , 2022, 15, 136-145.	15.6	14
2	Self-powered antifouling UVC pipeline sterilizer driven by the discharge stimuli based on the modified freestanding rotary triboelectric nanogenerator. <i>Nano Energy</i> , 2022, 95, 106969.	8.2	24
3	Salting-in Effect of Zwitterionic Polymer Hydrogel Facilitates Atmospheric Water Harvesting. , 2022, 4, 511-520.		94
4	Hierarchical Nanocapsules of Cu-Doped MoS ₂ @H-Substituted Graphdiyne for Magnesium Storage. <i>ACS Nano</i> , 2022, 16, 3955-3964.	7.3	28
5	Photothermal Nanoconfinement Reactor: Boosting Chemical Reactivity with Locally High Temperature in a Confined Space. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	4
6	An integrated solar-driven system produces electricity with fresh water and crops in arid regions. <i>Cell Reports Physical Science</i> , 2022, 3, 100781.	2.8	16
7	Photothermal Nanoconfinement Reactor: Boosting Chemical Reactivity with Locally High Temperature in a Confined Space. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	13
8	Composite Polyelectrolyte Photothermal Hydrogel with Anti-biofouling and Antibacterial Properties for the Real-World Application of Solar Steam Generation. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 16546-16557.	4.0	41
9	Boosting H ₂ Production from a BiVO ₄ Photoelectrochemical Biomass Fuel Cell by the Construction of a Bridge for Charge and Energy Transfer. <i>Advanced Materials</i> , 2022, 34, e2201594.	11.1	24
10	Exceptional interfacial solar evaporation via heteromorphic PTFE/CNT hollow fiber arrays. <i>Journal of Materials Chemistry A</i> , 2021, 9, 390-399.	5.2	45
11	Metal- and halide-free, solid-state polymeric water vapor sorbents for efficient water-sorption-driven cooling and atmospheric water harvesting. <i>Materials Horizons</i> , 2021, 8, 1518-1527.	6.4	60
12	Designing a next generation solar crystallizer for real seawater brine treatment with zero liquid discharge. <i>Nature Communications</i> , 2021, 12, 998.	5.8	136
13	Real-Time Personal Fever Alert Monitoring by Wearable Detector Based on Thermoresponsive Hydrogel. <i>ACS Applied Polymer Materials</i> , 2021, 3, 1747-1755.	2.0	7
14	Heat generation and mitigation in silicon solar cells and modules. <i>Joule</i> , 2021, 5, 631-645.	11.7	38
15	In-situ growth of Ti3C2@MIL-NH2 composite for highly enhanced photocatalytic H2 evolution. <i>Chemical Engineering Journal</i> , 2021, 411, 128446.	6.6	45
16	A pilot-scale sulfur-based sulfidogenic system for the treatment of Cu-laden electroplating wastewater using real domestic sewage as electron donor. <i>Water Research</i> , 2021, 195, 116999.	5.3	23
17	Solar Seawater Distillation by Flexible and Fully Passive Multistage Membrane Distillation. <i>Nano Letters</i> , 2021, 21, 5068-5074.	4.5	66
18	Assessment of the UV/Chlorine Process in the Disinfection of <i>Pseudomonas aeruginosa</i> : Efficiency and Mechanism. <i>Environmental Science & Technology</i> , 2021, 55, 9221-9230.	4.6	109

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19	Smart Sand by Surface Engineering: Toward Controllable Oil/Water Separation. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 9475-9481.	1.8	7
20	Integrated solar-driven PV cooling and seawater desalination with zero liquid discharge. <i>Joule</i> , 2021, 5, 1873-1887.	11.7	78
21	Adsorption of 4-chlorophenol by wheat straw biochar and its regeneration with persulfate under microwave irradiation. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105353.	3.3	20
22	Molten Salts CO ₂ Transformation: Lower Energy Input and High-Yield Carbon Nanotubes Production Induced by Zinc Oxide. <i>Journal of the Electrochemical Society</i> , 2021, 168, 083501.	1.3	2
23	ES&T's Best Papers of 2020. <i>Environmental Science & Technology</i> , 2021, 55, 11489-11490.	4.6	0
24	In situ Reduction of Silver Nanoparticles on Chitosan Hybrid Copper Phosphate Nanoflowers for Highly Efficient Plasmonic Solar-driven Interfacial Water Evaporation. <i>Journal of Bionic Engineering</i> , 2021, 18, 30-39.	2.7	13
25	Hybrid water vapor sorbent design with pollution shielding properties: extracting clean water from polluted bulk water sources. <i>Journal of Materials Chemistry A</i> , 2021, 9, 14731-14740.	5.2	23
26	Improving atmospheric water production yield: Enabling multiple water harvesting cycles with nano sorbent. <i>Nano Energy</i> , 2020, 67, 104255.	8.2	203
27	Hollow spherical SiO ₂ micro-container encapsulation of LiCl for high-performance simultaneous heat reallocation and seawater desalination. <i>Journal of Materials Chemistry A</i> , 2020, 8, 1887-1895.	5.2	53
28	Efficient solar-to-acetate conversion from CO ₂ through microbial electrosynthesis coupled with stable photoanode. <i>Applied Energy</i> , 2020, 278, 115684.	5.1	30
29	An Integrated Photocatalytic and Photothermal Process for Solar-Driven Efficient Purification of Complex Contaminated Water. <i>Energy Technology</i> , 2020, 8, 2000456.	1.8	24
30	Photovoltaic panel cooling by atmospheric water sorption-evaporation cycle. <i>Nature Sustainability</i> , 2020, 3, 636-643.	11.5	153
31	Photothermoelectric Response of Ti ₃ C ₂ T _x MXene Confined Ion Channels. <i>ACS Nano</i> , 2020, 14, 9042-9049.	7.3	86
32	Enhanced Pollutant Adsorption and Regeneration of Layered Double Hydroxide-Based Photoregenerable Adsorbent. <i>Environmental Science & Technology</i> , 2020, 54, 9106-9115.	4.6	43
33	Decentralized Co-Generation of Fresh Water and Electricity at Point of Consumption. <i>Advanced Sustainable Systems</i> , 2020, 4, 2000005.	2.7	8
34	High-efficiency solar-driven water desalination using a thermally isolated plasmonic membrane. <i>Journal of Cleaner Production</i> , 2020, 271, 122684.	4.6	37
35	Dual-function ultrafiltration membrane constructed from pure activated carbon particles via facile nanostructure reconstruction for high-efficient water purification. <i>Carbon</i> , 2020, 168, 254-263.	5.4	7
36	Engineering Interface with a One-Dimensional RuO ₂ /TiO ₂ Heteronanostructure in an Electrocatalytic Membrane Electrode: Toward Highly Efficient Micropollutant Decomposition. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 21596-21604.	4.0	26

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37	Two-Dimensional Ti ₃ C ₂ T _x MXene Membranes as Nanofluidic Osmotic Power Generators. ACS Nano, 2019, 13, 8917-8925.	7.3	235
38	Simultaneous production of fresh water and electricity via multistage solar photovoltaic membrane distillation. Nature Communications, 2019, 10, 3012.	5.8	233
39	Gold Nanorods as Saturable Absorber for Harmonic Soliton Molecules Generation. Frontiers in Chemistry, 2019, 7, 715.	1.8	20
40	Tuning substrate geometry for enhancing water condensation. International Journal of Heat and Mass Transfer, 2019, 144, 118627.	2.5	5
41	Tannin-inspired robust fabrication of superwettability membranes for highly efficient separation of oil-in-water emulsions and immiscible oil/water mixtures. Separation and Purification Technology, 2019, 227, 115657.	3.9	54
42	One-step tailoring surface roughness and surface chemistry to prepare superhydrophobic polyvinylidene fluoride (PVDF) membranes for enhanced membrane distillation performances. Journal of Colloid and Interface Science, 2019, 553, 99-107.	5.0	66
43	Plasma assisted-synthesis of magnetic TiO ₂ /SiO ₂ /Fe ₃ O ₄ -polyacrylic acid microsphere and its application for lead removal from water. Science of the Total Environment, 2019, 681, 124-132.	3.9	22
44	Janus Graphene Oxide-Doped, Lamellar Composite Membranes with Strong Aqueous Stability. ACS Sustainable Chemistry and Engineering, 2019, 7, 7252-7259.	3.2	24
45	Polydopamine as a Versatile Adhesive Layer for Robust Fabrication of Smart Surface with Switchable Wettability for Effective Oil/Water Separation. Industrial & Engineering Chemistry Research, 2019, 58, 4838-4843.	1.8	27
46	Multi-functional 3D honeycomb ceramic plate for clean water production by heterogeneous photo-Fenton reaction and solar-driven water evaporation. Nano Energy, 2019, 60, 222-230.	8.2	157
47	Full Biomass-Derived Solar Stills for Robust and Stable Evaporation To Collect Clean Water from Various Water-Bearing Media. ACS Applied Materials & Interfaces, 2019, 11, 10672-10679.	4.0	176
48	Tuning the nanostructure of nitrogen-doped graphene laminates for forward osmosis desalination. Nanoscale, 2019, 11, 22025-22032.	2.8	13
49	Omniphobic Nanofibrous Membrane with Pine-Needle-Like Hierarchical Nanostructures: Toward Enhanced Performance for Membrane Distillation. ACS Applied Materials & Interfaces, 2019, 11, 47963-47971.	4.0	80
50	Nanomaterials for the water-energy nexus. MRS Bulletin, 2019, 44, 59-66.	1.7	39
51	Synthesis of ultra-small platinum, palladium and gold nanoparticles by Shewanella loihica PV-4 electrochemically active biofilms and their enhanced catalytic activities. Journal of Saudi Chemical Society, 2018, 22, 919-929.	2.4	75
52	Solar-assisted fast cleanup of heavy oil spills using a photothermal sponge. Journal of Materials Chemistry A, 2018, 6, 9192-9199.	5.2	151
53	A 3D Photothermal Structure toward Improved Energy Efficiency in Solar Steam Generation. Joule, 2018, 2, 1171-1186.	11.7	527
54	Emerging investigator series: the rise of nano-enabled photothermal materials for water evaporation and clean water production by sunlight. Environmental Science: Nano, 2018, 5, 1078-1089.	2.2	269

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55	Intelligent environmental nanomaterials. <i>Environmental Science: Nano</i> , 2018, 5, 811-836.	2.2	54
56	A Robust $\text{CuCr}_2\text{O}_4/\text{SiO}_2$ Composite Photothermal Material with Underwater Black Property and Extremely High Thermal Stability for Solar-Driven Water Evaporation. <i>Advanced Sustainable Systems</i> , 2018, 2, 1700145.	2.7	52
57	A highly flexible and washable nonwoven photothermal cloth for efficient and practical solar steam generation. <i>Journal of Materials Chemistry A</i> , 2018, 6, 7942-7949.	5.2	182
58	Harvesting Water from Air: Using Anhydrous Salt with Sunlight. <i>Environmental Science & Technology</i> , 2018, 52, 5398-5406.	4.6	145
59	Graphene as an intermediary for enhancing the electron transfer rate: A free-standing $\text{Ni}_3\text{S}_2@$ graphene/ Co_9S_8 electrocatalytic electrode for oxygen evolution reaction. <i>Nano Research</i> , 2018, 11, 1389-1398.	5.8	43
60	Preferential water condensation on superhydrophobic nano-cones array. <i>Applied Physics Letters</i> , 2018, 113, .	1.5	21
61	Spectrally Selective Smart Window with High Near-Infrared Light Shielding and Controllable Visible Light Transmittance. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 39819-39827.	4.0	136
62	Hybrid Hydrogel with High Water Vapor Harvesting Capacity for Deployable Solar-Driven Atmospheric Water Generator. <i>Environmental Science & Technology</i> , 2018, 52, 11367-11377.	4.6	264
63	Solar Evaporator with Controlled Salt Precipitation for Zero Liquid Discharge Desalination. <i>Environmental Science & Technology</i> , 2018, 52, 11822-11830.	4.6	249
64	Sunlight Induced Rapid Oil Absorption and Passive Room-Temperature Release: An Effective Solution toward Heavy Oil Spill Cleanup. <i>Advanced Materials Interfaces</i> , 2018, 5, 1800412.	1.9	68
65	SiC/C Composite as a Highly Stable and Easily Regenerable Photothermal Material for Practical Water Evaporation. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 8192-8200.	3.2	41
66	Dual-template engineering of triple-layered nanoarray electrode of metal chalcogenides sandwiched with hydrogen-substituted graphdiyne. <i>Nature Communications</i> , 2018, 9, 3132.	5.8	85
67	Solvent-thermal induced roughening: A novel and versatile method to prepare superhydrophobic membranes. <i>Journal of Membrane Science</i> , 2018, 564, 465-472.	4.1	68
68	Annealing temperature effects on photoelectrochemical performance of bismuth vanadate thin film photoelectrodes. <i>RSC Advances</i> , 2018, 8, 29179-29188.	1.7	34
69	Nature-Inspired, 3D Origami Solar Steam Generator toward Near Full Utilization of Solar Energy. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 28517-28524.	4.0	210
70	Efficient and Anisotropic Fog Harvesting on a Hybrid and Directional Surface. <i>Advanced Materials Interfaces</i> , 2017, 4, 1600801.	1.9	58
71	$\text{MXene Ti}_3\text{C}_2$: An Effective 2D Light-to-Heat Conversion Material. <i>ACS Nano</i> , 2017, 11, 3752-3759.	7.3	1,258
72	Rational design of a bi-layered reduced graphene oxide film on polystyrene foam for solar-driven interfacial water evaporation. <i>Journal of Materials Chemistry A</i> , 2017, 5, 16212-16219.	5.2	259

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73	Atmospheric Water Harvesting: Role of Surface Wettability and Edge Effect. <i>Global Challenges</i> , 2017, 1, 1700019.	1.8	38
74	Renewable and high efficient syngas production from carbon dioxide and water through solar energy assisted electrolysis in eutectic molten salts. <i>Journal of Power Sources</i> , 2017, 362, 92-104.	4.0	23
75	Vastly Enhanced BiVO ₄ Photocatalytic OER Performance by NiCoO ₂ as Cocatalyst. <i>Advanced Materials Interfaces</i> , 2017, 4, 1700540.	1.9	92
76	Solar-thermal conversion and thermal energy storage of graphene foam-based composites. <i>Nanoscale</i> , 2016, 8, 14600-14607.	2.8	179
77	Are vacuum-filtrated reduced graphene oxide membranes symmetric?. <i>Nanoscale</i> , 2016, 8, 1108-1116.	2.8	50
78	Self-Floating Carbon Nanotube Membrane on Macroporous Silica Substrate for Highly Efficient Solar-Driven Interfacial Water Evaporation. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 1223-1230.	3.2	440
79	CHAPTER 6. Biomimetic Materials for Efficient Atmospheric Water Collection. <i>RSC Smart Materials</i> , 2016, , 165-184.	0.1	0
80	Hydrophobic Light-to-Heat Conversion Membranes with Self-Healing Ability for Interfacial Solar Heating. <i>Advanced Materials</i> , 2015, 27, 4889-4894.	11.1	821
81	Introducing a protective interlayer of TiO ₂ in Cu ₂ O/Cu heterojunction thin film as a highly stable visible light photocathode. <i>RSC Advances</i> , 2015, 5, 5231-5236.	1.7	55
82	Inkjet printing for direct micropatterning of a superhydrophobic surface: toward biomimetic fog harvesting surfaces. <i>Journal of Materials Chemistry A</i> , 2015, 3, 2844-2852.	5.2	293
83	Improved stoichiometry and photoanode efficiency of thermally evaporated CdS film with quantum dots as precursor. <i>Nanotechnology</i> , 2015, 26, 335606.	1.3	8
84	Rational design of binder-free noble metal/metal oxide arrays with nanocauliflower structure for wide linear range nonenzymatic glucose detection. <i>Scientific Reports</i> , 2015, 5, 10617.	1.6	44
85	Fabrication and characterization of novel asymmetric polyvinylidene fluoride (PVDF) membranes by the nonsolvent thermally induced phase separation (NTIPS) method for membrane distillation applications. <i>Journal of Membrane Science</i> , 2015, 489, 160-174.	4.1	124
86	A facile strategy for the fabrication of a bioinspired hydrophilic/superhydrophobic patterned surface for highly efficient fog-harvesting. <i>Journal of Materials Chemistry A</i> , 2015, 3, 18963-18969.	5.2	171
87	Rational design of nanomaterials for water treatment. <i>Nanoscale</i> , 2015, 7, 17167-17194.	2.8	176
88	Electrodeposited Cu ₂ O as Photoelectrodes with Controllable Conductivity Type for Solar Energy Conversion. <i>Journal of Physical Chemistry C</i> , 2015, 119, 26275-26282.	1.5	79
89	Recent advances in membrane distillation processes: Membrane development, configuration design and application exploring. <i>Journal of Membrane Science</i> , 2015, 474, 39-56.	4.1	740
90	Hierarchical Hybrid Peroxidase Catalysts for Remediation of Phenol Wastewater. <i>ChemPhysChem</i> , 2014, 15, 974-980.	1.0	8

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91	On different photodecomposition behaviors of rhodamine B on laponite and montmorillonite clay under visible light irradiation. <i>Journal of Saudi Chemical Society</i> , 2014, 18, 308-316.	2.4	57
92	Titanium Dioxide Nanomaterials for Photovoltaic Applications. <i>Chemical Reviews</i> , 2014, 114, 10095-10130.	23.0	669
93	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.	5.5	79
94	Temperature sensitive optical properties of exciton and room-temperature visible light emission from disordered Cu ₂ O nanowires. <i>RSC Advances</i> , 2014, 4, 37542-37546.	1.7	10
95	Removal of perfluoroalkyl sulfonates (PFAS) from aqueous solution using permanently confined micelle arrays (PCMAs). <i>Separation and Purification Technology</i> , 2014, 138, 7-12.	3.9	22
96	Ag nanoparticles decorated CuO nanowire arrays for efficient plasmon enhanced photoelectrochemical water splitting. <i>Chemical Physics Letters</i> , 2014, 609, 59-64.	1.2	47
97	Irreversible membrane fouling abatement through pre-deposited layer of hierarchical porous carbons. <i>Water Research</i> , 2014, 65, 245-256.	5.3	15
98	Special issue on nanomaterials for energy and environmental applications. <i>Journal of Saudi Chemical Society</i> , 2014, 18, 289-290.	2.4	0
99	(Gold Core)@(Ceria Shell) Nanostructures for Plasmon-Enhanced Catalytic Reactions under Visible Light. <i>ACS Nano</i> , 2014, 8, 8152-8162.	7.3	230
100	(Gold core)/(titania shell) nanostructures for plasmon-enhanced photon harvesting and generation of reactive oxygen species. <i>Energy and Environmental Science</i> , 2014, 7, 3431-3438.	15.6	180
101	Microwave-Assisted Self-Doping of TiO ₂ Photonic Crystals for Efficient Photoelectrochemical Water Splitting. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 691-696.	4.0	97
102	A self-cleaning underwater superoleophobic mesh for oil-water separation. <i>Scientific Reports</i> , 2013, 3, 2326.	1.6	252
103	Electrochemical reduction induced self-doping of Ti ³⁺ for efficient water splitting performance on TiO ₂ based photoelectrodes. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 15637.	1.3	174
104	Plasmonic Gold Nanocrystals Coupled with Photonic Crystal Seamlessly on TiO ₂ Nanotube Photoelectrodes for Efficient Visible Light Photoelectrochemical Water Splitting. <i>Nano Letters</i> , 2013, 13, 14-20.	4.5	692
105	Embedment of anodized p-type Cu ₂ O thin films with CuO nanowires for improvement in photoelectrochemical stability. <i>Nanoscale</i> , 2013, 5, 2952.	2.8	144
106	Carbon-Layer-Protected Cuprous Oxide Nanowire Arrays for Efficient Water Reduction. <i>ACS Nano</i> , 2013, 7, 1709-1717.	7.3	380
107	A facile approach for the synthesis of monolithic hierarchical porous carbons – high performance materials for amine based CO ₂ capture and supercapacitor electrode. <i>Energy and Environmental Science</i> , 2013, 6, 1785.	15.6	181
108	Three-dimensional assemblies of graphene prepared by a novel chemical reduction-induced self-assembly method. <i>Nanoscale</i> , 2012, 4, 7038.	2.8	171

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109	Highly stable copper oxide composite as an effective photocathode for water splitting via a facile electrochemical synthesis strategy. <i>Journal of Materials Chemistry</i> , 2012, 22, 2456-2464.	6.7	438
110	Smart surfaces with switchable superoleophilicity and superoleophobicity in aqueous media: toward controllable oil/water separation. <i>NPG Asia Materials</i> , 2012, 4, e8-e8.	3.8	441
111	Hierarchical Top-Porous/Bottom-Tubular TiO ₂ Nanostructures Decorated with Pd Nanoparticles for Efficient Photoelectrocatalytic Decomposition of Synergistic Pollutants. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 990-996.	4.0	198
112	Optimization of photoelectrochemical water splitting performance on hierarchical TiO ₂ nanotube arrays. <i>Energy and Environmental Science</i> , 2012, 5, 6506.	15.6	310
113	Remotely Controllable Liquid Marbles. <i>Advanced Materials</i> , 2012, 24, 4756-4760.	11.1	115
114	A General Approach to Mesoporous Metal Oxide Microspheres Loaded with Noble Metal Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6406-6410.	7.2	237
115	A Highly Efficient and Selective Polysilsesquioxane Sorbent for Heavy Metal Removal. <i>ChemPhysChem</i> , 2012, 13, 2536-2539.	1.0	6
116	Micelle swelling agent derived cavities for increasing hydrophobic organic compound removal efficiency by mesoporous micelle@silica hybrid materials. <i>Microporous and Mesoporous Materials</i> , 2012, 155, 252-257.	2.2	16
117	Surface-Induced Patterns from Evaporating Droplets of Aqueous Carbon Nanotube Dispersions. <i>Langmuir</i> , 2011, 27, 7163-7167.	1.6	42
118	Microtribology of Aqueous Carbon Nanotube Dispersions. <i>Advanced Functional Materials</i> , 2011, 21, 4555-4564.	7.8	34
119	Synthesis and Application of Magnetic Hydrogel for Cr(VI) Removal from Contaminated Water. <i>Environmental Engineering Science</i> , 2010, 27, 947-954.	0.8	64
120	AgInput: An Agricultural Nutrient and Pesticide Source Model. <i>Environmental Modeling and Assessment</i> , 2009, 14, 391-403.	1.2	2
121	Natural and Engineered Nano and Colloidal Transport: Role of Zeta Potential in Prediction of Particle Deposition. <i>Langmuir</i> , 2009, 25, 6856-6862.	1.6	79
122	Partitioning of hydrophobic pesticides within a soil-water-anionic surfactant system. <i>Water Research</i> , 2009, 43, 706-714.	5.3	33
123	Sorption and desorption of atrazine and diuron onto water dispersible soil primary size fractions. <i>Water Research</i> , 2009, 43, 1448-1456.	5.3	73
124	Removal of co-present chromate and arsenate by zero-valent iron in groundwater with humic acid and bicarbonate. <i>Water Research</i> , 2009, 43, 2540-2548.	5.3	71
125	Synthesis of mesoporous magnetic γ -Fe ₂ O ₃ and its application to Cr(VI) removal from contaminated water. <i>Water Research</i> , 2009, 43, 3727-3734.	5.3	231
126	Magnetic Permanently Confined Micelle Arrays for Treating Hydrophobic Organic Compound Contamination. <i>Journal of the American Chemical Society</i> , 2009, 131, 182-188.	6.6	113

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127	Enhanced Environmental Mobility of Carbon Nanotubes in the Presence of Humic Acid and Their Removal from Aqueous Solution. <i>Small</i> , 2008, 4, 2166-2170.	5.2	105
128	Adsorption of hydrophobic organic compounds onto a hydrophobic carbonaceous geosorbent in the presence of surfactants. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 1237-1243.	2.2	15
129	Partitioning of hydrophobic organic compounds within soil-water-surfactant systems. <i>Water Research</i> , 2008, 42, 2093-2101.	5.3	45
130	Soil particle-size dependent partitioning behavior of pesticides within water-soil-cationic surfactant systems. <i>Water Research</i> , 2008, 42, 3781-3788.	5.3	22
131	Particle-Size Dependent Sorption and Desorption of Pesticides within a Water-Soil-Nonionic Surfactant System. <i>Environmental Science & Technology</i> , 2008, 42, 3381-3387.	4.6	72
132	Cerium oxidation state in ceria nanoparticles studied with X-ray photoelectron spectroscopy and absorption near edge spectroscopy. <i>Surface Science</i> , 2004, 563, 74-82.	0.8	518
133	Hearing All Voices to Address Environmental Challenges at a Global Scale. <i>Environmental Science & Technology</i> , 0, , .	4.6	1