

# Wei Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

102  
papers

7,424  
citations

81434

41  
h-index

62345

84  
g-index

103  
all docs

103  
docs citations

103  
times ranked

9983  
citing authors

| #  | ARTICLE                                                                                                                                                                                                                 | IF  | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1  | Adsorption of Polar and Nonpolar Organic Chemicals to Carbon Nanotubes. <i>Environmental Science &amp; Technology</i> , 2007, 41, 8295-8300.                                                                            | 4.6 | 683       |
| 2  | Mechanisms for strong adsorption of tetracycline to carbon nanotubes: A comparative study using activated carbon and graphite as adsorbents. <i>Environmental Science &amp; Technology</i> , 2009, 43, 2322-2327.       | 4.6 | 670       |
| 3  | Adsorption of Hydroxyl- and Amino-Substituted Aromatics to Carbon Nanotubes. <i>Environmental Science &amp; Technology</i> , 2008, 42, 6862-6868.                                                                       | 4.6 | 345       |
| 4  | Improved <i>In Vitro</i> and <i>In Vivo</i> Biocompatibility of Graphene Oxide through Surface Modification: Poly(Acrylic Acid)-Functionalization is Superior to PEGylation. <i>ACS Nano</i> , 2016, 10, 3267-3281.     | 7.3 | 324       |
| 5  | Adsorption of Sulfonamide Antibiotics to Multiwalled Carbon Nanotubes. <i>Langmuir</i> , 2009, 25, 11608-11613.                                                                                                         | 1.6 | 308       |
| 6  | Aging Significantly Affects Mobility and Contaminant-Mobilizing Ability of Nanoplastics in Saturated Loamy Sand. <i>Environmental Science &amp; Technology</i> , 2019, 53, 5805-5815.                                   | 4.6 | 258       |
| 7  | Adsorption of Nonionic Aromatic Compounds to Single-Walled Carbon Nanotubes: Effects of Aqueous Solution Chemistry. <i>Environmental Science &amp; Technology</i> , 2008, 42, 7225-7230.                                | 4.6 | 247       |
| 8  | Adsorption of sulfonamides to demineralized pine wood biochars prepared under different thermochemical conditions. <i>Environmental Pollution</i> , 2014, 186, 187-194.                                                 | 3.7 | 221       |
| 9  | Bi <sub>2</sub> O <sub>3</sub> ~Bi <sub>2</sub> WO <sub>6</sub> Composite Microspheres: Hydrothermal Synthesis and Photocatalytic Performances. <i>Journal of Physical Chemistry C</i> , 2011, 115, 5220-5225.          | 1.5 | 219       |
| 10 | Immobilization of lead and cadmium from aqueous solution and contaminated sediment using nano-hydroxyapatite. <i>Environmental Pollution</i> , 2010, 158, 514-519.                                                      | 3.7 | 207       |
| 11 | Polystyrene Nanoplastics-Enhanced Contaminant Transport: Role of Irreversible Adsorption in Glassy Polymeric Domain. <i>Environmental Science &amp; Technology</i> , 2018, 52, 2677-2685.                               | 4.6 | 185       |
| 12 | Facet-Dependent Catalytic Activity of Nanosheet-Assembled Bismuth Oxyiodide Microspheres in Degradation of Bisphenol A. <i>Environmental Science &amp; Technology</i> , 2015, 49, 6240-6248.                            | 4.6 | 179       |
| 13 | Graphene Nanosheets and Graphite Oxide as Promising Adsorbents for Removal of Organic Contaminants from Aqueous Solution. <i>Journal of Environmental Quality</i> , 2013, 42, 191-198.                                  | 1.0 | 136       |
| 14 | Directed Synthesis of Hierarchical Nanostructured TiO <sub>2</sub> Catalysts and their Morphology-Dependent Photocatalysis for Phenol Degradation. <i>Environmental Science &amp; Technology</i> , 2008, 42, 2342-2348. | 4.6 | 131       |
| 15 | Advanced Materials, Technologies, and Complex Systems Analyses: Emerging Opportunities to Enhance Urban Water Security. <i>Environmental Science &amp; Technology</i> , 2017, 51, 10274-10281.                          | 4.6 | 129       |
| 16 | Regional Variation in Water-Related Impacts of Shale Gas Development and Implications for Emerging International Plays. <i>Environmental Science &amp; Technology</i> , 2014, 48, 8298-8306.                            | 4.6 | 111       |
| 17 | Adsorption of polar, nonpolar, and substituted aromatics to colloidal graphene oxide nanoparticles. <i>Environmental Pollution</i> , 2014, 186, 226-233.                                                                | 3.7 | 104       |
| 18 | pH-dependent effect of zinc on arsenic adsorption to magnetite nanoparticles. <i>Water Research</i> , 2010, 44, 5693-5701.                                                                                              | 5.3 | 96        |

| #  | ARTICLE                                                                                                                                                                                                                                                       | IF   | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | Factors controlling transport of graphene oxide nanoparticles in saturated sand columns. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 998-1004.                                                                                                  | 2.2  | 91        |
| 20 | Adsorption of single-ringed N- and S-heterocyclic aromatics on carbon nanotubes. <i>Carbon</i> , 2010, 48, 3906-3915.                                                                                                                                         | 5.4  | 90        |
| 21 | Transport of Sulfide-Reduced Graphene Oxide in Saturated Quartz Sand: Cation-Dependent Retention Mechanisms. <i>Environmental Science &amp; Technology</i> , 2015, 49, 11468-11475.                                                                           | 4.6  | 87        |
| 22 | Reduced graphene oxide enhances horseradish peroxidase stability by serving as radical scavenger and redox mediator. <i>Carbon</i> , 2015, 94, 531-538.                                                                                                       | 5.4  | 81        |
| 23 | Cation-Inhibited Transport of Graphene Oxide Nanomaterials in Saturated Porous Media: The Hofmeister Effects. <i>Environmental Science &amp; Technology</i> , 2017, 51, 828-837.                                                                              | 4.6  | 77        |
| 24 | Opportunities for nanotechnology to enhance electrochemical treatment of pollutants in potable water and industrial wastewater – a perspective. <i>Environmental Science: Nano</i> , 2020, 7, 2178-2194.                                                      | 2.2  | 74        |
| 25 | Enhanced Transport of Phenanthrene and 1-Naphthol by Colloidal Graphene Oxide Nanoparticles in Saturated Soil. <i>Environmental Science &amp; Technology</i> , 2014, 48, 10136-10144.                                                                         | 4.6  | 73        |
| 26 | Engineered nanoparticles for hydrocarbon detection in oil-field rocks. <i>Energy and Environmental Science</i> , 2011, 4, 505-509.                                                                                                                            | 15.6 | 72        |
| 27 | Facilitated Transport of 2,2,4,4,5,5-Hexachlorobiphenyl and Phenanthrene by Fullerene Nanoparticles through Sandy Soil Columns. <i>Environmental Science &amp; Technology</i> , 2011, 45, 1341-1348.                                                          | 4.6  | 71        |
| 28 | Manganese Peroxidase Degrades Pristine but Not Surface-Oxidized (Carboxylated) Single-Walled Carbon Nanotubes. <i>Environmental Science &amp; Technology</i> , 2014, 48, 7918-7923.                                                                           | 4.6  | 68        |
| 29 | Species-dependent effects of biochar amendment on bioaccumulation of atrazine in earthworms. <i>Environmental Pollution</i> , 2014, 186, 241-247.                                                                                                             | 3.7  | 67        |
| 30 | Concentration Dependent Effects of Bovine Serum Albumin on Graphene Oxide Colloidal Stability in Aquatic Environment. <i>Environmental Science &amp; Technology</i> , 2018, 52, 7212-7219.                                                                    | 4.6  | 67        |
| 31 | Transport of graphene oxide nanoparticles in saturated sandy soil. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 2268-2277.                                                                                                                | 1.7  | 65        |
| 32 | <i>In situ</i> remediation of subsurface contamination: opportunities and challenges for nanotechnology and advanced materials. <i>Environmental Science: Nano</i> , 2019, 6, 1283-1302.                                                                      | 2.2  | 65        |
| 33 | Improving Photocatalytic Water Treatment through Nanocrystal Engineering: Mesoporous Nanosheet-Assembled 3D BiOCl Hierarchical Nanostructures That Induce Unprecedented Large Vacancies. <i>Environmental Science &amp; Technology</i> , 2018, 52, 6872-6880. | 4.6  | 63        |
| 34 | Transformation of graphene oxide by chlorination and chloramination: Implications for environmental transport and fate. <i>Water Research</i> , 2016, 103, 416-423.                                                                                           | 5.3  | 59        |
| 35 | Colloidal stability of reduced graphene oxide materials prepared using different reducing agents. <i>Environmental Science: Nano</i> , 2016, 3, 1062-1071.                                                                                                    | 2.2  | 56        |
| 36 | Enhanced removal of sulfonamide antibiotics by KOH-activated anthracite coal: Batch and fixed-bed studies. <i>Environmental Pollution</i> , 2016, 211, 425-434.                                                                                               | 3.7  | 55        |

| #  | ARTICLE                                                                                                                                                                                                                                    | IF  | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Environmental transformation of natural and engineered carbon nanoparticles and implications for the fate of organic contaminants. <i>Environmental Science: Nano</i> , 2018, 5, 2500-2518.                                                | 2.2 | 54        |
| 38 | Facet-Dependent Adsorption and Fractionation of Natural Organic Matter on Crystalline Metal Oxide Nanoparticles. <i>Environmental Science &amp; Technology</i> , 2020, 54, 8622-8631.                                                      | 4.6 | 54        |
| 39 | Reductive dechlorination of hexachloroethane by sulfide in aqueous solutions mediated by graphene oxide and carbon nanotubes. <i>Carbon</i> , 2014, 72, 74-81.                                                                             | 5.4 | 53        |
| 40 | Activity of catalase adsorbed to carbon nanotubes: Effects of carbon nanotube surface properties. <i>Talanta</i> , 2013, 113, 142-147.                                                                                                     | 2.9 | 47        |
| 41 | Release of polycyclic aromatic hydrocarbons from biochar fine particles in simulated lung fluids: Implications for bioavailability and risks of airborne aromatics. <i>Science of the Total Environment</i> , 2019, 655, 1159-1168.        | 3.9 | 46        |
| 42 | Effects of sulfide reduction on adsorption affinities of colloidal graphene oxide nanoparticles for phenanthrene and 1-naphthol. <i>Environmental Pollution</i> , 2015, 196, 371-378.                                                      | 3.7 | 42        |
| 43 | Enhanced Hydrolysis of <i>p</i> -Nitrophenyl Phosphate by Iron (Hydr)oxide Nanoparticles: Roles of Exposed Facets. <i>Environmental Science &amp; Technology</i> , 2020, 54, 8658-8667.                                                    | 4.6 | 42        |
| 44 | Sorption and Mobility of Charged Organic Compounds: How to Confront and Overcome Limitations in Their Assessment. <i>Environmental Science &amp; Technology</i> , 2022, 56, 4702-4710.                                                     | 4.6 | 41        |
| 45 | Adsorption of tetracycline to nano-NiO: the effect of co-existing Cu(II) ions and environmental implications. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 1462.                                                       | 1.7 | 40        |
| 46 | Sulfide induces physical damages and chemical transformation of microplastics via radical oxidation and sulfide addition. <i>Water Research</i> , 2021, 197, 117100.                                                                       | 5.3 | 40        |
| 47 | Catalytic Effects of Functionalized Carbon Nanotubes on Dehydrochlorination of 1,1,2,2-Tetrachloroethane. <i>Environmental Science &amp; Technology</i> , 2014, 48, 3856-3863.                                                             | 4.6 | 39        |
| 48 | Transformation of graphene oxide by ferrous iron: Environmental implications. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 1975-1982.                                                                                         | 2.2 | 39        |
| 49 | Effects of clay minerals on transport of graphene oxide in saturated porous media. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 655-660.                                                                                      | 2.2 | 38        |
| 50 | Aggregation morphology is a key factor determining protein adsorption on graphene oxide and reduced graphene oxide nanomaterials. <i>Environmental Science: Nano</i> , 2019, 6, 1303-1309.                                                 | 2.2 | 38        |
| 51 | Key Physicochemical Properties Dictating Gastrointestinal Bioaccessibility of Microplastics-Associated Organic Xenobiotics: Insights from a Deep Learning Approach. <i>Environmental Science &amp; Technology</i> , 2020, 54, 12051-12062. | 4.6 | 38        |
| 52 | Self-Damaging Aerobic Reduction of Graphene Oxide by <i>Escherichia coli</i> : Role of GO-Mediated Extracellular Superoxide Formation. <i>Environmental Science &amp; Technology</i> , 2018, 52, 12783-12791.                              | 4.6 | 35        |
| 53 | Influence of light wavelength on the photoactivity, physicochemical transformation, and fate of graphene oxide in aqueous media. <i>Environmental Science: Nano</i> , 2018, 5, 2590-2603.                                                  | 2.2 | 34        |
| 54 | Effects of chemical oxidation on sorption and desorption of PAHs in typical Chinese soils. <i>Environmental Pollution</i> , 2009, 157, 1894-1903.                                                                                          | 3.7 | 32        |

| #  | ARTICLE                                                                                                                                                                                                                | IF  | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | Facet-dependent evolution of surface defects in anatase TiO <sub>2</sub> by thermal treatment: implications for environmental applications of photocatalysis. <i>Environmental Science: Nano</i> , 2019, 6, 1740-1753. | 2.2 | 32        |
| 56 | Harmonizing across environmental nanomaterial testing media for increased comparability of nanomaterial datasets. <i>Environmental Science: Nano</i> , 2020, 7, 13-36.                                                 | 2.2 | 32        |
| 57 | Bioremediation of highly contaminated oilfield soil: Bioaugmentation for enhancing aromatic compounds removal. <i>Frontiers of Environmental Science and Engineering</i> , 2014, 8, 293-304.                           | 3.3 | 31        |
| 58 | Enhanced adsorption of aromatic chemicals on boron and nitrogen co-doped single-walled carbon nanotubes. <i>Environmental Science: Nano</i> , 2017, 4, 558-564.                                                        | 2.2 | 31        |
| 59 | Comparison of Earthworm Bioaccumulation between Readily Desorbable and Desorption-Resistant Naphthalene: Implications for Biouptake Routes. <i>Environmental Science &amp; Technology</i> , 2010, 44, 323-328.         | 4.6 | 30        |
| 60 | Humic acid-mediated transport of tetracycline and pyrene in saturated porous media. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 534-541.                                                                 | 2.2 | 30        |
| 61 | Genotoxicity and Cytotoxicity of Cadmium Sulfide Nanomaterials to Mice: Comparison Between Nanorods and Nanodots. <i>Environmental Engineering Science</i> , 2014, 31, 373-380.                                        | 0.8 | 30        |
| 62 | Facet Energy and Reactivity versus Cytotoxicity: The Surprising Behavior of CdS Nanorods. <i>Nano Letters</i> , 2016, 16, 688-694.                                                                                     | 4.5 | 30        |
| 63 | Binding of Benzo[ <i>a</i> ]pyrene Alters the Bioreactivity of Fine Biochar Particles toward Macrophages Leading to Deregulated Macrophagic Defense and Autophagy. <i>ACS Nano</i> , 2021, 15, 9717-9731.              | 7.3 | 29        |
| 64 | Sorption of nitroaromatics to soils: Comparison of the importance of soil organic matter versus clay. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 1447-1454.                                             | 2.2 | 28        |
| 65 | Transformation and destabilization of graphene oxide in reducing aqueous solutions containing sulfide. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 2647-2653.                                            | 2.2 | 28        |
| 66 | Effects of ozone and produced hydroxyl radicals on the transformation of graphene oxide in aqueous media. <i>Environmental Science: Nano</i> , 2019, 6, 2484-2494.                                                     | 2.2 | 27        |
| 67 | Transport of graphene oxide in saturated quartz sand containing iron oxides. <i>Science of the Total Environment</i> , 2019, 657, 1450-1459.                                                                           | 3.9 | 27        |
| 68 | Dehydrochlorination of activated carbon-bound 1,1,2,2-tetrachloroethane: Implications for carbonaceous material-based soil/sediment remediation. <i>Carbon</i> , 2014, 78, 578-588.                                    | 5.4 | 24        |
| 69 | Link between black carbon and resistant desorption of PAHs on soil and sediment. <i>Journal of Soils and Sediments</i> , 2012, 12, 713-723.                                                                            | 1.5 | 23        |
| 70 | Reduction of graphene oxide alters its cyto-compatibility towards primary and immortalized macrophages. <i>Nanoscale</i> , 2018, 10, 14637-14650.                                                                      | 2.8 | 23        |
| 71 | Mechanistic Insights from Discrete Molecular Dynamics Simulations of Pesticide-Nanoparticle Interactions. <i>Environmental Science &amp; Technology</i> , 2017, 51, 8396-8404.                                         | 4.6 | 22        |
| 72 | Facet-dependent generation of superoxide radical anions by ZnO nanomaterials under simulated solar light. <i>Environmental Science: Nano</i> , 2018, 5, 2864-2875.                                                     | 2.2 | 22        |

| #  | ARTICLE                                                                                                                                                                                                                                              | IF  | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 73 | RESISTANT DESORPTION OF HYDROPHOBIC ORGANIC CONTAMINANTS IN TYPICAL CHINESE SOILS: IMPLICATIONS FOR LONG-TERM FATE AND SOIL QUALITY STANDARDS. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 235.                                        | 2.2 | 21        |
| 74 | Effect of copper ion on adsorption of chlorinated phenols and 1-naphthylamine to surface-modified carbon nanotubes. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 100-107.                                                               | 2.2 | 21        |
| 75 | The oxidation capacity of Mn <sub>3</sub> O <sub>4</sub> nanoparticles is significantly enhanced by anchoring them onto reduced graphene oxide to facilitate regeneration of surface-associated Mn(III). <i>Water Research</i> , 2016, 103, 101-108. | 5.3 | 21        |
| 76 | Contaminant-mobilizing capability of fullerene nanoparticles (C <sub>60</sub> ): Effect of solvent-exchange process in C <sub>60</sub> formation. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 329-336.                                 | 2.2 | 20        |
| 77 | Sulfidation of Ag and ZnO Nanomaterials Significantly Affects Protein Corona Composition: Implications for Human Exposure to Environmentally Aged Nanomaterials. <i>Environmental Science &amp; Technology</i> , 2019, 53, 14296-14307.              | 4.6 | 20        |
| 78 | BIOAVAILABILITY OF POLYCYCLIC AROMATIC HYDROCARBONS SEQUESTERED IN SEDIMENT: MICROBIAL STUDY AND MODEL PREDICTION. <i>Environmental Toxicology and Chemistry</i> , 2007, 26, 878.                                                                    | 2.2 | 19        |
| 79 | Current Methods and Prospects for Analysis and Characterization of Nanomaterials in the Environment. <i>Environmental Science &amp; Technology</i> , 2022, 56, 7426-7447.                                                                            | 4.6 | 19        |
| 80 | Enhanced dehydrochlorination of 1,1,2,2-tetrachloroethane by graphene-based nanomaterials. <i>Environmental Pollution</i> , 2016, 214, 341-348.                                                                                                      | 3.7 | 17        |
| 81 | Effects of Cu(II) and Ni(II) ions on adsorption of tetracycline to functionalized carbon nanotubes. <i>Journal of Zhejiang University: Science A</i> , 2014, 15, 653-661.                                                                            | 1.3 | 16        |
| 82 | Biochar Fine Particles Enhance Uptake of Benzo(a)pyrene to Macrophages and Epithelial Cells via Different Mechanisms. <i>Environmental Science and Technology Letters</i> , 2021, 8, 218-223.                                                        | 3.9 | 15        |
| 83 | Sorption and Resistant Desorption of Atrazine in Typical Chinese Soils. <i>Journal of Environmental Quality</i> , 2009, 38, 171-179.                                                                                                                 | 1.0 | 14        |
| 84 | Nano-TiO <sub>2</sub> -Catalyzed Dehydrochlorination of 1,1,2,2-Tetrachloroethane: Roles of Crystalline Phase and Exposed Facets. <i>Environmental Science &amp; Technology</i> , 2018, 52, 4031-4039.                                               | 4.6 | 14        |
| 85 | Synergistic role of different soil components in slow sorption kinetics of polar organic contaminants. <i>Environmental Pollution</i> , 2014, 184, 123-130.                                                                                          | 3.7 | 12        |
| 86 | Photolysis of graphene oxide in the presence of nitrate: implications for graphene oxide integrity in water and wastewater treatment. <i>Environmental Science: Nano</i> , 2019, 6, 136-145.                                                         | 2.2 | 11        |
| 87 | Response to Comment on "Adsorption of Hydroxyl- and Amino-Substituted Aromatics to Carbon Nanotubes". <i>Environmental Science &amp; Technology</i> , 2009, 43, 3400-3401.                                                                           | 4.6 | 10        |
| 88 | Chloramination of graphene oxide significantly affects its transport properties in saturated porous media. <i>NanoImpact</i> , 2016, 3-4, 90-95.                                                                                                     | 2.4 | 10        |
| 89 | Effects of the preparation method and humic-acid modification on the mobility and contaminant-mobilizing capability of fullerene nanoparticles (nC <sub>60</sub> ). <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 1282.           | 1.7 | 9         |
| 90 | RELEASE OF ADSORBED POLYCYCLIC AROMATIC HYDROCARBONS UNDER COSOLVENT TREATMENT: IMPLICATIONS FOR AVAILABILITY AND FATE. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 112.                                                               | 2.2 | 8         |

| #   | ARTICLE                                                                                                                                                                                                                                                                     | IF  | CITATIONS |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 91  | Release of hexachlorocyclohexanes from historically and freshly contaminated soils in China: Implications for fate and regulation. <i>Environmental Pollution</i> , 2008, 156, 753-759.                                                                                     | 3.7 | 7         |
| 92  | Sulfide and ferrous iron preferentially target specific surface O-functional groups of graphene oxide: implications for accumulation of contaminants. <i>Environmental Science: Nano</i> , 2020, 7, 462-471.                                                                | 2.2 | 7         |
| 93  | Nanostructured manganese oxides exhibit facet-dependent oxidation capabilities. <i>Environmental Science: Nano</i> , 2020, 7, 3840-3848.                                                                                                                                    | 2.2 | 7         |
| 94  | Natural organic matter facilitates formation and microbial methylation of mercury selenide nanoparticles. <i>Environmental Science: Nano</i> , 2021, 8, 67-75.                                                                                                              | 2.2 | 7         |
| 95  | A Program for Evaluating Dual-Equilibrium Desorption Effects on Remediation. <i>Ground Water</i> , 2004, 42, 620-624.                                                                                                                                                       | 0.7 | 6         |
| 96  | Sorption of monoaromatic compounds to heated and unheated coals, humic acid, and biochar: Implication for using combustion method to quantify sorption contribution of carbonaceous geosorbents in soil. <i>Applied Geochemistry</i> , 2013, 35, 289-296.                   | 1.4 | 6         |
| 97  | Environmental reduction of carbon nanomaterials affects their capabilities to accumulate aromatic compounds. <i>NanoImpact</i> , 2016, 1, 21-28.                                                                                                                            | 2.4 | 6         |
| 98  | Targeting specific cell organelles with different-faceted nanocrystals that are selectively recognized by organelle-targeting peptides. <i>Chemical Communications</i> , 2020, 56, 7613-7616.                                                                               | 2.2 | 6         |
| 99  | Leaching of organic carbon enhances mobility of biochar nanoparticles in saturated porous media. <i>Environmental Science: Nano</i> , 2021, 8, 2584-2594.                                                                                                                   | 2.2 | 4         |
| 100 | Engineering of CoSe <sub>2</sub> Nanosheets via Vacancy Manipulation for Efficient Cancer Therapy. <i>ACS Applied Bio Materials</i> , 2020, 3, 7800-7809.                                                                                                                   | 2.3 | 4         |
| 101 | Effect of Heat Treatment on Sorption of Polar and Nonpolar Compounds to Montmorillonites and Soils. <i>Journal of Environmental Quality</i> , 2012, 41, 1284-1289.                                                                                                          | 1.0 | 2         |
| 102 | Reply to the "Comment on "Colloidal stability of reduced graphene oxide materials prepared using different reducing agents" by M. Moazzami-Gudarzi, <i>Environ. Sci.: Nano</i> , 2017, 4, DOI: 10.1039/C6EN00424E. <i>Environmental Science: Nano</i> , 2017, 4, 2421-2422. | 2.2 | 0         |