

# Fang Luo

## List of Publications by Year in descending order

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52  
papers

3,332  
citations

218677

26  
h-index

189892

50  
g-index

52  
all docs

52  
docs citations

52  
times ranked

5040  
citing authors

#	ARTICLE	IF	CITATIONS
1	One-Step Ionic-Liquid-Assisted Electrochemical Synthesis of Ionic-Liquid-Functionalized Graphene Sheets Directly from Graphite. <i>Advanced Functional Materials</i> , 2008, 18, 1518-1525.	14.9	945
2	The adsorption properties of Pb(II) and Cd(II) on functionalized graphene prepared by electrolysis method. <i>Journal of Hazardous Materials</i> , 2010, 183, 923-930.	12.4	362
3	Preparation and evaluation of orange peel cellulose adsorbents for effective removal of cadmium, zinc, cobalt and nickel. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008, 317, 512-521.	4.7	174
4	Crystal Facets Make a Profound Difference in Polyoxometalate-Containing Metal-Organic Frameworks as Catalysts for Biodiesel Production. <i>Journal of the American Chemical Society</i> , 2015, 137, 12697-12703.	13.7	160
5	Biosorption of Cd <sup>2+</sup> , Cu <sup>2+</sup> , Ni <sup>2+</sup> and Zn <sup>2+</sup> ions from aqueous solutions by pretreated biomass of brown algae. <i>Journal of Hazardous Materials</i> , 2009, 163, 931-938.	12.4	135
6	Study on the preparation of orange peel cellulose adsorbents and biosorption of Cd <sup>2+</sup> from aqueous solution. <i>Separation and Purification Technology</i> , 2007, 55, 69-75.	7.9	129
7	Study on the equilibrium, kinetics and isotherm of biosorption of lead ions onto pretreated chemically modified orange peel. <i>Biochemical Engineering Journal</i> , 2006, 31, 160-164.	3.6	115
8	Biosorption of lead ion by chemically-modified biomass of marine brown algae <i>Laminaria japonica</i> . <i>Chemosphere</i> , 2006, 64, 1122-1127.	8.2	105
9	Polyoxometalate-Modified Sponge-Like Graphene Oxide Monolith with High Proton-Conducting Performance. <i>Advanced Functional Materials</i> , 2015, 25, 4480-4485.	14.9	96
10	Kinetics and equilibrium of Cu(II) adsorption onto chemically modified orange peel cellulose adsorbents. <i>Hydrometallurgy</i> , 2009, 95, 145-152.	4.3	95
11	A Nanocrystalline POM@MOFs Catalyst for the Degradation of Phenol: Effective Cooperative Catalysis by Metal Nodes and POM Guests. <i>Chemistry - A European Journal</i> , 2018, 24, 3045-3051.	3.3	78
12	Removal of Pb(II) using the modified lawn grass: Mechanism, kinetics, equilibrium and thermodynamic studies. <i>Journal of Hazardous Materials</i> , 2009, 166, 239-247.	12.4	71
13	Controllable proton-conducting pathways via situating polyoxometalates in targeting pores of a metal-organic framework. <i>Journal of Materials Chemistry A</i> , 2017, 5, 9611-9617.	10.3	61
14	The preparation of sol-gel materials doped with ionic liquids and trialkyl phosphine oxides for Yttrium(III) uptake. <i>Analytica Chimica Acta</i> , 2007, 604, 107-113.	5.4	59
15	Biosorption of Methylene Blue from Aqueous Solution Using Lawn Grass Modified with Citric Acid. <i>Journal of Chemical &amp; Engineering Data</i> , 2011, 56, 3392-3399.	1.9	59
16	Adsorption of arsenate and arsenite anions from aqueous medium by using metal(III)-loaded amberlite resins. <i>Hydrometallurgy</i> , 2008, 91, 138-143.	4.3	57
17	One-step molybdate ion assisted electrochemical synthesis of $\Gamma_{\pm}$ -MoO <sub>3</sub> -decorated graphene sheets and its potential applications. <i>Journal of Materials Chemistry</i> , 2011, 21, 15009.	6.7	50
18	One-Step Template-Free Fabrication of Ultrathin Mixed-Valence Polyoxovanadate-Incorporated Metal-Organic Framework Nanosheets for Highly Efficient Selective Oxidation Catalysis in Air. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 12786-12796.	8.0	43

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19	Lewis-Basic Lanthanide Metal-Organic Framework-Derived Versatile Multi-Active-Site Synergistic Catalysts for Oxygen Reduction Reaction. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 22023-22030.	8.0	39
20	Aminated Graphene Oxide Impregnated with Photocatalytic Polyoxometalate for Efficient Adsorption of Dye Pollutants and Its Facile and Complete Photoregeneration. <i>Small</i> , 2017, 13, 1603174.	10.0	37
21	One-Dimensional Helical Chain Based on Decatungstate and Cerium Organic-Inorganic Hybrid Material. <i>Crystal Growth and Design</i> , 2006, 6, 2658-2660.	3.0	36
22	Coating graphene oxide sheets with luminescent rare-earth complexes. <i>Journal of Materials Science</i> , 2013, 48, 805-811.	3.7	35
23	Inter-clusters synergy in iron-organic frameworks for efficient CO <sub>2</sub> photoreduction. <i>Applied Catalysis B: Environmental</i> , 2022, 300, 120487.	20.2	34
24	Equilibrium and Kinetic Modeling of Pb(II) Biosorption by a Chemically Modified Orange Peel Containing Cyanex 272. <i>Journal of Chemical &amp; Engineering Data</i> , 2010, 55, 4147-4153.	1.9	31
25	A gel-like/freeze-drying strategy to construct hierarchically porous polyoxometalate-based metal-organic framework catalysts. <i>Journal of Materials Chemistry A</i> , 2018, 6, 4678-4685.	10.3	30
26	Removal of lead (II) from aqueous solution by a new biosorption material by immobilizing Cyanex272 in cornstalks. <i>Desalination</i> , 2011, 265, 177-183.	8.2	28
27	Removal of Cd(II) by modified lawn grass cellulose adsorbent. <i>Desalination</i> , 2010, 259, 120-130.	8.2	26
28	Kinetics and Equilibria of Cd(II) Adsorption onto a Chemically Modified Lawn Grass with H[BTMPP]. <i>Journal of Chemical &amp; Engineering Data</i> , 2011, 56, 1059-1068.	1.9	23
29	White-light emission by selectively encapsulating single lanthanide metal ions into alkaline earth metal-organic coordination polymers. <i>Dyes and Pigments</i> , 2015, 122, 317-323.	3.7	22
30	Controllable synthesis of metal hydroxide and oxide nanostructures by ionic liquids assisted electrochemical corrosion method. <i>Solid State Sciences</i> , 2008, 10, 1049-1055.	3.2	21
31	One-pot twelve tungsten phosphate acid assisted electrochemical synthesis of WO <sub>3</sub> -decorated graphene sheets for high-efficiency UV-light-driven photocatalysis. <i>Chemical Physics Letters</i> , 2014, 607, 34-38.	2.6	21
32	Enhancing catalytic aerobic oxidation performance of cyclohexane via size regulation of mixed-valence {V <sub>16</sub> } cluster-based metal-organic frameworks. <i>New Journal of Chemistry</i> , 2019, 43, 14527-14535.	2.8	21
33	Two organic-inorganic hybrid frameworks with helical structures and large cavities constructed from poly(oxomolybdophosphates). <i>CrystEngComm</i> , 2010, 12, 977-982.	2.6	16
34	Ultra-deep desulfurization via reactive adsorption on peroxophosphomolybdate/agarose hybrids. <i>Chemosphere</i> , 2014, 111, 631-637.	8.2	14
35	A nanohybrid self-assembled from exfoliated layered vanadium oxide nanosheets and Keggin Al <sub>13</sub> for selective catalytic oxidation of alcohols. <i>Dalton Transactions</i> , 2020, 49, 2559-2569.	3.3	13
36	Synthesis, Structure, and Magnetic Properties of Three Novel Sandwich-type Tungstobismuthates with Triethanolamine. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2010, 636, 1991-1997.	1.2	10

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37	Green synthesis of Ag/TiO <sub>2</sub> composite coated porous vanadophosphates with enhanced visible-light photo-degradation and catalytic reduction performance for removing organic dyes. Dalton Transactions, 2020, 49, 7920-7931.	3.3	10
38	Separable magnetic MoS <sub>2</sub> @Fe <sub>3</sub> O <sub>4</sub> nanocomposites with multi-exposed active edge facets toward enhanced adsorption and catalytic activities. Journal of Materials Science, 2021, 56, 5015-5030.	3.7	10
39	An UV equipped box for photoactivation with a fluorescent coordination polymer for recognizing amine gases by color change in air. Sensors and Actuators B: Chemical, 2017, 247, 238-244.	7.8	9
40	N-doped graphene-based CuO/WO <sub>3</sub> /Cu composite material with performances of catalytic decomposition 4-nitrophenol and photocatalytic degradation of organic dyes. Inorganic Chemistry Communication, 2020, 121, 108246.	3.9	9
41	Synthesis and Crystal Structure of a New 3D Copper B-Paradodecatungstate Compound: [Na <sub>2</sub> (H <sub>2</sub> O) <sub>8</sub> ][Na <sub>8</sub> (H <sub>2</sub> O) <sub>20</sub> ][Cu(en) <sub>2</sub> ][W <sub>12</sub> O <sub>42</sub> ] · 3H <sub>2</sub> O. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2009, 64, 269-273.	0.7	8
42	Calcined ZnTi-layered Double Hydroxide Intercalated with H <sub>3</sub> PW <sub>12</sub> O <sub>40</sub> with Efficiently Photocatalytic and Adsorption Performances. Chemistry - A European Journal, 2021, 27, 16670-16681.	3.3	8
43	Facile one-pot construction of Polyoxometalate-based lanthanide-amino acid coordination polymers for proton conduction. Inorganic Chemistry Communication, 2019, 105, 147-150.	3.9	7
44	Recognition of trace organic pollutant and toxic metal ions via a tailored fluorescent metal-organic coordination polymer in water environment. RSC Advances, 2018, 8, 34712-34717.	3.6	5
45	Synthesis and Crystal Structure of a Sandwich-type Transition Metal Complex with Tungstobismutate and Triethanolamine. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2009, 64, 821-825.	0.7	3
46	Kinetics, Equilibrium, and Thermodynamic of Pb(II) Biosorption by Citric Acid Modified Lawny Grass Containing Cyanex272. Separation Science and Technology, 2012, 47, 1552-1561.	2.5	3
47	Synthesis and Crystal Structure of the Bimetallic Complex [Fe(phen) <sub>3</sub> ] <sub>2</sub> [V <sub>4</sub> O <sub>12</sub> ] · 19H <sub>2</sub> O. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2008, 63, 1352-1356.	0.7	2
48	An alkaline metal-organic framework on white-light emission by two routes of ion-exchange with lanthanide metal ions. Inorganic Chemistry Communication, 2018, 96, 43-46.	3.9	2
49	Eu(III) complex coated carbon sphere core-shell material for fluorescence detection, catalytic reduction and real-time monitoring of nitrophenol compounds. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 613, 126137.	4.7	2
50	Porphyrim Functionalized Laser-Induced Graphene and Porous WO <sub>3</sub> Assembled Effective Z-Scheme Photocatalyst for Promoted Visible-Light-Driven Degradation of Ciprofloxacin. Catalysis Letters, 0, , 1.	2.6	2
51	Synthesis and characterization of two inorganic-organic hybrid polyoxometalates bridged by Keggin-type building blocks and copper(II) organonitrogen complexes. Transition Metal Chemistry, 2011, 36, 125-130.	1.4	1
52	Non-hydrothermal Synthesis of a Complex {[Zn(phen) <sub>2</sub> ] <sub>2</sub> ( <sup>3-</sup> Mo <sub>8</sub> O <sub>26</sub> )} Constructed from [ <sup>3-</sup> Mo <sub>8</sub> O <sub>26</sub> ] <sup>4-</sup> Anions. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2009, 64, 395-398.	0.7	0