

# Guangbo Che

## List of Publications by Year in descending order

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44  
papers

1,070  
citations

471509

17  
h-index

434195

31  
g-index

45  
all docs

45  
docs citations

45  
times ranked

1249  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrophilic modification of PVDF-based SERS imprinted membrane for the selective detection of L-tyrosine. <i>Journal of Environmental Management</i> , 2022, 304, 114260.	7.8	16
2	NIR-Absorbing Electron Acceptor Based on a Selenium-Heterocyclic Core Attaching to Phenylalkyl Side Chains for Polymer Solar Cells with 17.3% Efficiency. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 7082-7092.	8.0	22
3	In situ growth of hierarchical bimetal-organic frameworks on nickel-iron foam as robust electrodes for the electrocatalytic oxygen evolution reaction. <i>Journal of Colloid and Interface Science</i> , 2022, 614, 532-537.	9.4	40
4	Constructing porous intramolecular donor-acceptor integrated carbon nitride doped with <i>m</i> -aminophenol for boosting photocatalytic degradation and hydrogen evolution activity. <i>Catalysis Science and Technology</i> , 2022, 12, 4591-4604.	4.1	13
5	Vanadium Nitride/Carbon Nanotube Vertical Nanoarrays on Iron Foam for Oxygen Evolution Reaction. <i>ACS Applied Nano Materials</i> , 2022, 5, 7714-7722.	5.0	10
6	A layered Mn-based coordination polymer as an efficient heterogeneous catalyst for CO <sub>2</sub> cycloaddition under mild conditions. <i>CrystEngComm</i> , 2022, 24, 4527-4533.	2.6	3
7	Ni <sub>2</sub> P QDs decorated in the multi-shelled CaTiO <sub>3</sub> cube for creating inter-shelled channel active sites to boost photocatalytic performance. <i>Journal of Colloid and Interface Science</i> , 2021, 584, 332-343.	9.4	14
8	2-Hydroxynaphthalene based acylhydrazone as a turn-on fluorescent chemosensor for Al <sup>3+</sup> detection and its real sample applications. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 248, 119269.	3.9	30
9	Synthesis, crystal structure and photocatalytic property of a porphyrin-based coordination polymer. <i>Inorganic and Nano-Metal Chemistry</i> , 2021, 51, 1029-1035.	1.6	2
10	Self-photoreduced Ag <sup>0</sup> -doped Ag(i)-organic frameworks with efficient visible-light-driven photocatalytic performance. <i>CrystEngComm</i> , 2021, 23, 7496-7501.	2.6	11
11	A visible-light-driven 3D Z-scheme photocatalyst by loading BiOI nanosheets onto g-C <sub>3</sub> N <sub>4</sub> microtubes for efficient degradation of tetracycline and p-chlorophenol. <i>Journal of Materials Science</i> , 2021, 56, 5555-5569.	3.7	15
12	Construction of a hydroxide responsive C <sub>3</sub> -symmetric supramolecular gel for controlled release of small molecules. <i>Soft Matter</i> , 2021, 17, 7227-7235.	2.7	2
13	Facile construction of an Ag <sup>0</sup> -doped Ag(i)-based coordination polymer via a self-photoreduction strategy for enhanced visible light driven photocatalysis. <i>CrystEngComm</i> , 2021, 23, 5397-5402.	2.6	11
14	Constructing urchin-like Ni <sub>3</sub> S <sub>2</sub> @Ni <sub>3</sub> B on Ni plate as a highly efficient bifunctional electrocatalyst for water splitting reaction. <i>Nanoscale</i> , 2021, 13, 17953-17960.	5.6	6
15	Efficient Inverted Perovskite Solar Cells Enabled by Dopant-Free Hole-Transporting Materials Based on Dibenzofulvene-Bridged Indacenodithiophene Core Attaching Varying Alkyl Chains. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 13254-13263.	8.0	19
16	Construction of MOF-shell porous materials and performance studies in the selective adsorption and separation of benzene pollutants. <i>Dalton Transactions</i> , 2021, 50, 9076-9087.	3.3	8
17	Experimental study on the explosion characteristics of hydrogen-methane premixed gas in complex pipe networks. <i>Scientific Reports</i> , 2021, 11, 21204.	3.3	7
18	Visible Light-Driven D-A Conjugated Linear Polymer and Its Coating for Dual Highly Efficient Photocatalytic Degradation and Disinfection. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 51447-51458.	8.0	19

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19	Nitrogen doped carbon ribbons modified g-C <sub>3</sub> N <sub>4</sub> for markedly enhanced photocatalytic H <sub>2</sub> -production in visible to near-infrared region. <i>Chemical Engineering Journal</i> , 2020, 382, 122870.	12.7	169
20	High-sensitive molecularly imprinted sensor with multilayer nanocomposite for 2,6-dichlorophenol detection based on surface-enhanced Raman scattering. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 228, 117784.	3.9	10
21	A tetrathiafulvalene-glutamine conjugated derivative as a supramolecular gelator for embedded C <sub>60</sub> and absorbed rhodamine B. <i>New Journal of Chemistry</i> , 2020, 44, 14151-14160.	2.8	4
22	Multifunction Sandwich Composite SERS Imprinted Sensor Based on ZnO/GO/Ag for Selective Detection of Cyfluthrin in River. <i>ChemistrySelect</i> , 2020, 5, 6475-6481.	1.5	7
23	Facile Synthesis of a Polycatenane Compound Based on Ag-triazole Complexes and Phosphomolybdic Acid for the Catalytic Epoxidation of Olefins with Molecular Oxygen. <i>Catalysts</i> , 2019, 9, 568.	3.5	7
24	Dopant-Free Hole Transporting Molecules for Highly Efficient Perovskite Photovoltaic with Strong Interfacial Interaction. <i>Solar Rrl</i> , 2019, 3, 1900319.	5.8	20
25	Rapid and sensitive detection of enrofloxacin hydrochloride based on surface enhanced Raman scattering-active flexible membrane assemblies of Ag nanoparticles. <i>Journal of Environmental Management</i> , 2019, 249, 109387.	7.8	32
26	Hydrophobic-force-driven adsorption of bisphenol A from aqueous solution by polyethylene glycol diacrylate hydrogel microsphere. <i>Environmental Science and Pollution Research</i> , 2019, 26, 22362-22371.	5.3	13
27	Iodine ion doped bromo bismuth oxide modified bismuth germanate: A direct Z-scheme photocatalyst with enhanced visible-light photocatalytic performance. <i>Journal of Colloid and Interface Science</i> , 2019, 553, 186-196.	9.4	22
28	Yeast-derived carbon sphere as a bridge of charge carriers towards to enhanced photocatalytic activity of 2D/2D Cu <sub>2</sub> WS <sub>4</sub> /g-C <sub>3</sub> N <sub>4</sub> heterojunction. <i>Journal of Colloid and Interface Science</i> , 2019, 546, 262-275.	9.4	70
29	Synthesis of 1-aryl- benzocycloalkane derivatives via one-pot two-step reaction of benzocyclonone, tosylhydrazide, and arylboronic acid. <i>Synthetic Communications</i> , 2019, 49, 942-949.	2.1	3
30	A fused-ring non-fullerene acceptor based on a benzo[1,2- <i>b</i> :4,5- <i>b'</i> ]-dithiophene central core with a thieno[3,2- <i>b</i> ]thiophene side-chain for highly efficient organic solar cells. <i>Journal of Materials Chemistry A</i> , 2019, 7, 10905-10911.	10.3	16
31	Precursor-reforming strategy induced g-C <sub>3</sub> N <sub>4</sub> microtubes with spatial anisotropic charge separation established by conquering hydrogen bond for enhanced photocatalytic H <sub>2</sub> -production performance. <i>Journal of Colloid and Interface Science</i> , 2019, 547, 224-233.	9.4	37
32	A visible-light-driven Z-scheme CdS/Bi <sub>2</sub> GeO <sub>2</sub> O heterostructure with enhanced photocatalytic degradation of various organics and the reduction of aqueous Cr(VI). <i>Journal of Colloid and Interface Science</i> , 2019, 543, 317-327.	9.4	67
33	Synthesis, structures and properties of six lanthanide complexes based on a 2-(2-carboxyphenyl)imidazo(4,5- <i>f</i> )-(1,10)phenanthroline ligand. <i>RSC Advances</i> , 2019, 9, 3102-3112.	3.6	24
34	Visible-light-driven CQDs@MIL-125(Ti) nanocomposite photocatalyst with enhanced photocatalytic activity for the degradation of tetracycline. <i>RSC Advances</i> , 2019, 9, 33238-33245.	3.6	56
35	Construction of novel Ag/HKUST-1/g-C <sub>3</sub> N <sub>4</sub> towards enhanced photocatalytic activity for the degradation of pollutants under visible light. <i>RSC Advances</i> , 2019, 9, 41591-41602.	3.6	21
36	A novel fluorescent functional monomer as the recognition element in core-shell imprinted sensors responding to concentration of 2,4,6-trichlorophenol. <i>RSC Advances</i> , 2018, 8, 6083-6089.	3.6	8

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37	Recyclable Multifunctional Magnetic Mesoporous Silica Nanocomposite for Ratiometric Detection, Rapid Adsorption, and Efficient Removal of Hg(II). ACS Sustainable Chemistry and Engineering, 2018, 6, 1744-1752.	6.7	46
38	A series of metal-organic frameworks constructed by a rigid-flexible 5-(bis(4-carboxybenzyl)amino)isophthalic acid: syntheses, crystal structures and physical properties. CrystEngComm, 2018, 20, 7782-7794.	2.6	23
39	Visible-light-driven Ag/Bi <sub>3</sub> O <sub>4</sub> Cl nanocomposite photocatalyst with enhanced photocatalytic activity for degradation of tetracycline. RSC Advances, 2018, 8, 37200-37207.	3.6	65
40	Supramolecular helical nanofibers formed by an achiral monopyrrolotetrafulvalene derivative: water-triggered gelation and chiral evolution. New Journal of Chemistry, 2017, 41, 11060-11068.	2.8	13
41	A fluorescent molecularly imprinted polymer sensor synthesized by atom transfer radical precipitation polymerization for determination of ultra trace fenvalerate in the environment. RSC Advances, 2016, 6, 81346-81353.	3.6	13
42	A Z-scheme visible-light-driven Ag/Ag <sub>3</sub> PO <sub>4</sub> /Bi <sub>2</sub> MoO <sub>6</sub> photocatalyst: synthesis and enhanced photocatalytic activity. RSC Advances, 2015, 5, 104815-104821.	3.6	53
43	Triisopropylsilylethynyl substituted benzodithiophene copolymers: synthesis, properties and photovoltaic characterization. Journal of Materials Chemistry C, 2015, 3, 1595-1603.	5.5	17
44	Hydrothermal syntheses, structural characterization, and photoluminescent properties of five lanthanide coordination polymers. Journal of Coordination Chemistry, 2012, 65, 4185-4193.	2.2	6