

Peng Qu

List of Publications by Year in descending order

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37
papers

1,010
citations

331259

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h-index

433756

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docs citations

37
times ranked

1362
citing authors

#	ARTICLE	IF	CITATIONS
1	Lanthanide Functionalized Metal-Organic Coordination Polymer: Toward Novel Turn-On Fluorescent Sensing of Amyloid β -Peptide. <i>Analytical Chemistry</i> , 2018, 90, 12449-12455.	3.2	62
2	Crystalline Ru _{0.33} Se Nanoparticles-Decorated TiO ₂ Nanotube Arrays for Enhanced Hydrogen Evolution Reaction. <i>Small</i> , 2018, 14, e1802132.	5.2	59
3	Hierarchically porous hydrangea-like In ₂ S ₃ /In ₂ O ₃ heterostructures for enhanced photocatalytic hydrogen evolution. <i>Journal of Colloid and Interface Science</i> , 2021, 587, 876-882.	5.0	56
4	Anchoring Black Phosphorus Nanoparticles onto ZnS Porous Nanosheets: Efficient Photocatalyst Design and Charge Carrier Dynamics. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 8157-8167.	4.0	53
5	Crystal Facet-Dependent CO ₂ Photoreduction over Porous ZnO Nanocatalysts. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 56039-56048.	4.0	52
6	Constructing Zn-P charge transfer bridge over ZnFe ₂ O ₄ -black phosphorus 3D microcavity structure: Efficient photocatalyst design in visible-near-infrared region. <i>Journal of Colloid and Interface Science</i> , 2021, 600, 463-472.	5.0	49
7	Turn-on fluorescence detection of ciprofloxacin in tablets based on lanthanide coordination polymer nanoparticles. <i>RSC Advances</i> , 2016, 6, 100743-100747.	1.7	47
8	A superstable 3p-block metal-organic framework platform towards prominent CO ₂ and C ₁ /C ₂ -hydrocarbon uptake and separation performance and strong Lewis acid catalysis for CO ₂ fixation. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 813-819.	3.0	45
9	Smart lanthanide coordination polymer fluorescence probe for mercury(II) determination. <i>Analytica Chimica Acta</i> , 2016, 912, 139-145.	2.6	41
10	Fluorescence turn-on and colorimetric dual readout assay of glutathione over cysteine based on the fluorescence inner-filter effect of oxidized TMB on TMPyP. <i>Biosensors and Bioelectronics</i> , 2016, 81, 268-273.	5.3	41
11	Hierarchical CuInS ₂ -based heterostructure: Application for photocathodic bioanalysis of sarcosine. <i>Biosensors and Bioelectronics</i> , 2018, 107, 230-236.	5.3	39
12	A coumarin-based fluorescent probe for ratiometric detection of hydrazine and its application in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 210, 381-386.	2.0	38
13	Lanthanide coordination polymer probe for time-gated luminescence sensing of pH in undiluted human serum. <i>Talanta</i> , 2017, 164, 427-431.	2.9	34
14	Atomic heterojunction-induced accelerated charge transfer for boosted photocatalytic hydrogen evolution over 1D CdS nanorod/2D ZnIn ₂ S ₄ nanosheet composites. <i>Journal of Colloid and Interface Science</i> , 2021, 604, 500-507.	5.0	33
15	A highly selective long-wavelength fluorescent probe for hydrazine and its application in living cell imaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 184, 355-360.	2.0	31
16	A highly selective and ratiometric fluorescent probe for cyanide by rationally altering the susceptible H-atom. <i>Talanta</i> , 2018, 176, 234-241.	2.9	31
17	Topology-Guided Design for Sc-soc-MOFs and Their Enhanced Storage and Separation for CO ₂ and C ₂ -Hydrocarbons. <i>Inorganic Chemistry</i> , 2019, 58, 16792-16799.	1.9	31
18	Facile one-pot method synthesis CNT-GeO ₂ nanocomposite for high performance Li ion battery anode material. <i>New Journal of Chemistry</i> , 2015, 39, 689-695.	1.4	30

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19	A benzothiazole-based ratiometric fluorescent probe for detection of formaldehyde and its applications for bioimaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 229, 117988.	2.0	29
20	Ferroelectric Perovskite Oxide@TiO ₂ Nanorod Heterostructures: Preparation, Characterization, and Application as a Platform for Photoelectrochemical Bioanalysis. <i>Analytical Chemistry</i> , 2018, 90, 10803-10811.	3.2	28
21	Morphology memory but reconstructing crystal structure: porous hexagonal GeO ₂ nanorods for rechargeable lithium-ion batteries. <i>Nanoscale</i> , 2017, 9, 3961-3968.	2.8	26
22	Porous micro-spherical LiFePO ₄ /CNT nanocomposite for high-performance Li-ion battery cathode material. <i>RSC Advances</i> , 2015, 5, 37830-37836.	1.7	20
23	Green synthesis of GeO ₂ /graphene composites as anode material for lithium-ion batteries with high capacity. <i>RSC Advances</i> , 2016, 6, 87440-87445.	1.7	20
24	Effect of polyethylene glycols on the alkaline-induced molten globule intermediate of bovine serum albumin. <i>International Journal of Biological Macromolecules</i> , 2012, 51, 97-104.	3.6	15
25	A water-soluble and retrievable ruthenium-based probe for colorimetric recognition of Hg(II) and Cys. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 165, 150-154.	2.0	14
26	Lanthanide coordination polymer-based biosensor for citrate detection in urine. <i>Analytical Methods</i> , 2019, 11, 1405-1409.	1.3	13
27	The synergetic effect of N, S-codoped carbon and CoO _x nanodots derived from ZIF-67 as a highly efficient cocatalyst over CdS nanorods. <i>Sustainable Energy and Fuels</i> , 2020, 4, 1954-1962.	2.5	12
28	Self-Assembly of a Rare Nanocage-based Fe-MOF toward High Methane Purification Performance. <i>Crystal Growth and Design</i> , 2020, 20, 5657-5663.	1.4	11
29	Ru@Ni ₃ S ₂ nanorod arrays as highly efficient electrocatalysts for the alkaline hydrogen evolution reaction. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 3885-3897.	3.0	9
30	Naked-eye detection of Cys using simple molecular systems of curcumin and Hg ²⁺ . <i>Analytical Methods</i> , 2013, 5, 3965.	1.3	8
31	Enhancement of the fluorescence properties via introducing the tetraphenylethylene chromophores into a novel Mn ²⁺ organic framework with a rare [Mn ₄ (μ ₃ -OH) ₂] cluster. <i>Dalton Transactions</i> , 2021, 50, 17482-17486.	1.6	8
32	Boosting the biocatalytic precipitation with enzyme-loaded liposomes: Toward a general platform for amplified photoelectrochemical immunoassay. <i>Analytica Chimica Acta</i> , 2020, 1115, 1-6.	2.6	7
33	Design of a Fluorescence Turn-on and Label-free Aptasensor Using the Intrinsic Quenching Power of G-Quadruplex to AMT. <i>Analytical Sciences</i> , 2020, 36, 965-970.	0.8	6
34	Zinc-Deficiency Induced g-C ₃ N ₄ Nanosheets: Photocatalytic Nitrogen Fixation Study and Carrier Dynamics. <i>Catalysis Letters</i> , 2021, 151, 1546-1555.	1.4	5
35	Ru _x Se@MoS ₂ hybrid as a highly efficient electrocatalyst toward hydrogen evolution reaction. <i>RSC Advances</i> , 2019, 9, 13486-13493.	1.7	4
36	Antibacterial activities of polythionates enhanced by carbonates. <i>MedChemComm</i> , 2015, 6, 1643-1648.	3.5	3

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37	Rational design of a rare Zn-MOF material based on mixed carboxylate-azolate ligands and its strong blue luminescence. <i>Inorganic and Nano-Metal Chemistry</i> , 0, , 1-5.	0.9	0