Yanmei Xin

List of Publications by Year
in descending order

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20 papers	956 citations	566801 15 h-index	752256 20 g-index
20 all docs	20 docs citations	20 times ranked	1642 citing authors

#	Article	IF	Citations
1	Heterogeneous Bimetallic Phosphide/Sulfide Nanocomposite for Efficient Solar-Energy-Driven Overall Water Splitting. ACS Nano, 2017, 11, 10303-10312.	7.3	187
2	Topotactic Conversion of Copper(I) Phosphide Nanowires for Sensitive Electrochemical Detection of H₂O₂ Release from Living Cells. Analytical Chemistry, 2016, 88, 7724-7729.	3.2	134
3	New Photocathodic Analysis Platform with Quasi-Core/Shell-Structured TiO₂@Cu₂O for Sensitive Detection of H₂O₂ Release from Living Cells. Analytical Chemistry, 2015, 87, 10491-10497.	3.2	110
4	Sensitive electrochemical nonenzymatic glucose sensing based on anodized CuO nanowires on three-dimensional porous copper foam. Scientific Reports, 2015, 5, 16115.	1.6	102
5	Photoelectrochemical aptasensor for the sensitive and selective detection of kanamycin based on Au nanoparticle functionalized self-doped TiO₂nanotube arrays. Chemical Communications, 2015, 51, 15498-15501.	2.2	69
6	Pyrite FeS₂ Sensitized TiO₂ Nanotube Photoanode for Boosting Near-Infrared Light Photoelectrochemical Water Splitting. ACS Sustainable Chemistry and Engineering, 2016, 4, 6659-6667.	3.2	54
7	Phosphorus Cation Doping: A New Strategy for Boosting Photoelectrochemical Performance on TiO₂ Nanotube Photonic Crystals. ACS Applied Materials & Interfaces, 2016, 8, 30972-30979.	4.0	53
8	Rational design of binder-free noble metal/metal oxide arrays with nanocauliflower structure for wide linear range nonenzymatic glucose detection. Scientific Reports, 2015, 5, 10617.	1.6	44
9	Recognition unit-free and self-cleaning photoelectrochemical sensing platform on TiO2 nanotube photonic crystals for sensitive and selective detection of dopamine release from mouse brain. Biosensors and Bioelectronics, 2017, 87, 396-403.	5.3	43
10	Sputtering gold nanoparticles on nanoporous bismuth vanadate for sensitive and selective photoelectrochemical aptasensing of thrombin. Chemical Communications, 2017, 53, 8898-8901.	2.2	32
11	Photoelectrochemical Stripping Analysis. Analytical Chemistry, 2018, 90, 1068-1071.	3.2	21
12	In situ preparation of Bi2WO6/CAU-17 photocatalyst with excellent photocatalytic activity for dye degradation. Journal of Materials Science: Materials in Electronics, 2021, 32, 13382-13395.	1.1	21
13	Preparation of zero-thermal-quenching tunable emission bismuth-containing phosphors through the topochemical design of ligand configuration. Inorganic Chemistry Frontiers, 2021, 8, 4072-4085.	3.0	20
14	Dual-emissive Ln³⁺/Mn⁴⁺ Co-doped double perovskite phosphor via site-beneficial occupation. Materials Advances, 2021, 2, 1402-1412.	2.6	17
15	Lithium ion intercalation of 3-D vertical hierarchical TiO₂ nanotubes on a titanium mesh for efficient photoelectrochemical water splitting. Chemical Communications, 2016, 52, 4541-4544.	2.2	15
16	Constructing a Model for Tuning the Thermal Quenching Properties of Bismuth-Doped Phosphors by Energy-Gap Modulation. Journal of Physical Chemistry C, 2021, 125, 20717-20726.	1.5	15
17	A nano-enzymatic photoelectrochemical L-cysteine biosensor based on Bi2MoO6 modified honeycomb TiO2 nanotube arrays composite. Microchemical Journal, 2022, 175, 107200.	2.3	9
18	Non-noble metal Bi/BiVO4 photoanode for surface plasmon resonance-induced photoelectrochemical biosensor of hydrogen peroxide detection. Journal of Solid State Electrochemistry, 2022, 26, 1323-1331.	1.2	4

#	Article	IF	Citations
19	A solid-solution modulation strategy in trivalent bismuth-doped gallate phosphors for single substrate tunable emission. Dalton Transactions, 2021, 50, 12592-12606.	1.6	3
20	Bismuth, a Previously Lessâ€studied Element, Is Bursting into New Hotspots. ChemistrySelect, 2022, 7, .	0.7	3