

Yanmei Xin

List of Publications by Year in descending order

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20
papers

956
citations

566801

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20
times ranked

1642
citing authors

#	ARTICLE	IF	CITATIONS
1	A nano-enzymatic photoelectrochemical L-cysteine biosensor based on Bi ₂ MoO ₆ modified honeycomb TiO ₂ nanotube arrays composite. <i>Microchemical Journal</i> , 2022, 175, 107200.	2.3	9
2	Non-noble metal Bi/BiVO ₄ photoanode for surface plasmon resonance-induced photoelectrochemical biosensor of hydrogen peroxide detection. <i>Journal of Solid State Electrochemistry</i> , 2022, 26, 1323-1331.	1.2	4
3	Bismuth, a Previously Less-studied Element, Is Bursting into New Hotspots. <i>ChemistrySelect</i> , 2022, 7, .	0.7	3
4	A solid-solution modulation strategy in trivalent bismuth-doped gallate phosphors for single substrate tunable emission. <i>Dalton Transactions</i> , 2021, 50, 12592-12606.	1.6	3
5	Preparation of zero-thermal-quenching tunable emission bismuth-containing phosphors through the topochemical design of ligand configuration. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 4072-4085.	3.0	20
6	In situ preparation of Bi ₂ WO ₆ /CAU-17 photocatalyst with excellent photocatalytic activity for dye degradation. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 13382-13395.	1.1	21
7	Constructing a Model for Tuning the Thermal Quenching Properties of Bismuth-Doped Phosphors by Energy-Gap Modulation. <i>Journal of Physical Chemistry C</i> , 2021, 125, 20717-20726.	1.5	15
8	Dual-emissive Ln ³⁺ /Mn ⁴⁺ Co-doped double perovskite phosphor <i>via</i> site-beneficial occupation. <i>Materials Advances</i> , 2021, 2, 1402-1412.	2.6	17
9	Photoelectrochemical Stripping Analysis. <i>Analytical Chemistry</i> , 2018, 90, 1068-1071.	3.2	21
10	Heterogeneous Bimetallic Phosphide/Sulfide Nanocomposite for Efficient Solar-Energy-Driven Overall Water Splitting. <i>ACS Nano</i> , 2017, 11, 10303-10312.	7.3	187
11	Sputtering gold nanoparticles on nanoporous bismuth vanadate for sensitive and selective photoelectrochemical aptasensing of thrombin. <i>Chemical Communications</i> , 2017, 53, 8898-8901.	2.2	32
12	Recognition unit-free and self-cleaning photoelectrochemical sensing platform on TiO ₂ nanotube photonic crystals for sensitive and selective detection of dopamine release from mouse brain. <i>Biosensors and Bioelectronics</i> , 2017, 87, 396-403.	5.3	43
13	Pyrite FeS ₂ Sensitized TiO ₂ Nanotube Photoanode for Boosting Near-Infrared Light Photoelectrochemical Water Splitting. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 6659-6667.	3.2	54
14	Topotactic Conversion of Copper(I) Phosphide Nanowires for Sensitive Electrochemical Detection of H ₂ O ₂ Release from Living Cells. <i>Analytical Chemistry</i> , 2016, 88, 7724-7729.	3.2	134
15	Phosphorus Cation Doping: A New Strategy for Boosting Photoelectrochemical Performance on TiO ₂ Nanotube Photonic Crystals. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 30972-30979.	4.0	53
16	Lithium ion intercalation of 3-D vertical hierarchical TiO ₂ nanotubes on a titanium mesh for efficient photoelectrochemical water splitting. <i>Chemical Communications</i> , 2016, 52, 4541-4544.	2.2	15
17	Sensitive electrochemical nonenzymatic glucose sensing based on anodized CuO nanowires on three-dimensional porous copper foam. <i>Scientific Reports</i> , 2015, 5, 16115.	1.6	102
18	Rational design of binder-free noble metal/metal oxide arrays with nanocaliflower structure for wide linear range nonenzymatic glucose detection. <i>Scientific Reports</i> , 2015, 5, 10617.	1.6	44

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19	New Photocathodic Analysis Platform with Quasi-Core/Shell-Structured TiO ₂ @Cu ₂ O for Sensitive Detection of H ₂ O ₂ Release from Living Cells. <i>Analytical Chemistry</i> , 2015, 87, 10491-10497.	3.2	110
20	Photoelectrochemical aptasensor for the sensitive and selective detection of kanamycin based on Au nanoparticle functionalized self-doped TiO ₂ nanotube arrays. <i>Chemical Communications</i> , 2015, 51, 15498-15501.	2.2	69