Yongping Luo

List of Publications by Year
in descending order

37	1,878	22	38
papers	citations	h-index	g-index
		304368	315357

38	38	38	2916
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhanced electrocatalytic performance of N-doped carbon xerogels obtained through dual nitrogen doping for the oxygen reduction reaction. RSC Advances, 2022, 12, 13440-13447.	1.7	2
2	Fluorescent pressure sensor based on TiO2/carbon quantum dots bifunctional nanocomposite film. Journal of Materials Science: Materials in Electronics, 2021, 32, 6487-6497.	1.1	3
3	Green carbon dots based ultraviolet photovoltaic window with high transparence to visible light. International Journal of Energy Research, 2021, 45, 17709-17720.	2.2	6
4	High-performance Ag nanowires/PEDOT:PSS composite electrodes for PVDF-HFP piezoelectric nanogenerators. Journal of Materials Science: Materials in Electronics, 2021, 32, 21178-21187.	1.1	8
5	Improved electrocatalytic activity of Pt catalyst supported on coreâ€"shell CMs@NiO for methanol oxidation. New Journal of Chemistry, 2021, 45, 12879-12885.	1.4	5
6	A Simple g-C₃N₄/TNTs Heterojunction for Improving the Photoelectrocatalytic Degradation of Methyl Orange. Journal of the Electrochemical Society, 2021, 168, 116520.	1.3	5
7	Green allium fistulosum derived nitrogen self-doped carbon dots for quantum dot-sensitized solar cells. Materials Chemistry and Physics, 2020, 240, 122158.	2.0	20
8	Carbon quantum dots improving photovoltaic performance of CdS quantum dot-sensitized solar cells. Optical Materials, 2020, 110, 110535.	1.7	33
9	Surface Modification of the LiNi_{0.8}Co_{0.1}Mn_{0.1}O₂ Cathode Material by Coating with FePO₄ with a Yolkâ€"Shell Structure for Improved Electrochemical Performance. ACS Applied Materials & Interfaces, 2020, 12, 36046-36053.	4.0	58
10	Modulation doping of absorbent cotton derived carbon dots for quantum dot-sensitized solar cells. Physical Chemistry Chemical Physics, 2019, 21, 26133-26145.	1.3	21
11	Cooperative effect of carbon black and dimethyl sulfoxide on PEDOT:PSS hole transport layer for inverted planar perovskite solar cells. Solar Energy, 2017, 157, 125-132.	2.9	31
12	Enhanced electrochromic properties of TiO2 nanoporous film prepared based on an assistance of polyethylene glycol. IOP Conference Series: Materials Science and Engineering, 2017, 167, 012034.	0.3	2
13	Nanoporous TiO₂/SnO₂/Poly(3,4-ethylene-dioxythiophene): Polystyrenesulfonate Composites as Efficient Counter Electrode for Dye-Sensitized Solar Cells. Journal of Nanoscience and Nanotechnology, 2016, 16, 392-399.	0.9	7
14	A Single Biosensor for Evaluating the Levels of Copper Ion and <scp>L</scp>â€Cysteine in a Live Rat Brain with Alzheimer's Disease. Angewandte Chemie - International Edition, 2015, 54, 14053-14056.	7.2	121
15	Bifacial dye-sensitized solar cells using highly transparent PEDOT:PSS films as counter electrodes. Electrochimica Acta, 2015, 156, 20-28.	2.6	39
16	A photoelectrochemical sensor for lead ion through electrodeposition of PbS nanoparticles onto TiO2 nanotubes. Journal of Electroanalytical Chemistry, 2015, 759, 51-54.	1.9	19
17	Facile synthesis of gradient mesoporous carbon monolith based on polymerization-induced phase separation. Functional Materials Letters, 2014, 07, 1450055.	0.7	4
18	In-situ formation of dispersed ZnO nanoparticles in mesoporous carbon counter electrode for efficient dye-sensitized solar cells. Electrochimica Acta, 2013, 114, 574-581.	2.6	6

#	Article	IF	Citations
19	Hierarchically Porous CuO Hollow Spheres Fabricated via a One-Pot Template-Free Method for High-Performance Gas Sensors. Journal of Physical Chemistry C, 2012, 116, 11994-12000.	1.5	164
20	A reliable and durable approach for real-time determination of cellular superoxide anion based on biomimetic superoxide dismutase stabilized by a zeolite. Analyst, The, 2011, 136, 1594.	1.7	26
21	A biomimetic sensor for the determination of extracellular O2â˜ using synthesized Mn-TPAA on TiO2 nanoneedle film. Biosensors and Bioelectronics, 2011, 29, 189-194.	5.3	13
22	Plasmonâ€Driven Selective Oxidation of Aromatic Alcohols to Aldehydes in Water with Recyclable Pt/TiO₂ Nanocomposites. ChemCatChem, 2011, 3, 127-130.	1.8	93
23	Sensitive and Selective Colorimetric Visualization of Cerebral Dopamine Based on Double Molecular Recognition. Angewandte Chemie - International Edition, 2011, 50, 1837-1840.	7.2	174
24	In Situ Electrodeposited FePt Nanoparticles for Oxygen Reduction with High Activity and Long-term Stability. Chemistry Letters, 2010, 39, 1114-1116.	0.7	2
25	Electrochemical biosensor for the detection of H2O2 from living cancer cells based on ZnO nanosheets. Analytica Chimica Acta, 2010, 670, 57-62.	2.6	124
26	pH-dependent electrochemical behavior of proteins with different isoelectric points on the nanostructured TiO2 surface. Journal of Electroanalytical Chemistry, 2010, 642, 109-114.	1.9	23
27	CuO Nanosheets for Sensitive and Selective Determination of H₂S with High Recovery Ability. Journal of Physical Chemistry C, 2010, 114, 19214-19219.	1.5	174
28	Real-Time Electrochemical Monitoring of Cellular H₂O₂ Integrated with In Situ Selective Cultivation of Living Cells Based on Dual Functional Protein Microarrays at Auâ˜TiO₂ Surfaces. Analytical Chemistry, 2010, 82, 6512-6518.	3.2	67
29	Nanoporous gold film encapsulating cytochrome c for the fabrication of a H2O2 biosensor. Biomaterials, 2009, 30, 3183-3188.	5.7	103
30	Direct electron transfer of superoxide dismutase promoted by high conductive TiO2 nanoneedles. Electrochemistry Communications, 2009, 11, 174-176.	2.3	29
31	WO3 nanostructures facilitate electron transfer of enzyme: Application to detection of H2O2 with high selectivity. Biosensors and Bioelectronics, 2009, 24, 2465-2469.	5.3	53
32	Fabrication of TiO₂ and Metal Nanoparticleâ˜Microelectrode Arrays by Photolithography and Site-Selective Photocatalytic Deposition. Analytical Chemistry, 2009, 81, 8249-8255.	3.2	31
33	Detection of Extracellular H₂O₂ Released from Human Liver Cancer Cells Based on TiO₂ Nanoneedles with Enhanced Electron Transfer of Cytochrome <i>c</i>. Analytical Chemistry, 2009, 81, 3035-3041.	3.2	212
34	Plasmon-Induced Enhancement in Analytical Performance Based on Gold Nanoparticles Deposited on TiO₂ Film. Analytical Chemistry, 2009, 81, 7243-7247.	3.2	54
35	Switching the direction of plasmon-induced photocurrents by cytochrome c at Auâ€"TiO2 nanocomposites. Chemical Communications, 2009, , 6448.	2.2	15
36	Electrochemical assay of superoxide based on biomimetic enzyme at highly conductive TiO2 nanoneedles: from principle to applications in living cells. Chemical Communications, 2009, , 3014.	2.2	57

#	Article	IF	Citations
37	Physical vapor deposited zinc oxide nanoparticles for direct electron transfer of superoxide dismutase. Electrochemistry Communications, 2008, 10, 818-820.	2.3	28