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List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

2,916
citations

304743

22
h-index

276875

41
g-index

42
all docs

42
docs citations

42
times ranked

3409
citing authors

#	ARTICLE	IF	CITATIONS
1	Applications and trends in electrochemiluminescence. <i>Chemical Society Reviews</i> , 2010, 39, 3275.	38.1	961
2	Copper nanoclusters as peroxidase mimetics and their applications to H ₂ O ₂ and glucose detection. <i>Analytica Chimica Acta</i> , 2013, 762, 83-86.	5.4	302
3	Highly sensitive fluorescent detection of trypsin based on BSA-stabilized gold nanoclusters. <i>Biosensors and Bioelectronics</i> , 2012, 32, 297-299.	10.1	232
4	Accelerating the Peroxidase-Like Activity of Gold Nanoclusters at Neutral pH for Colorimetric Detection of Heparin and Heparinase Activity. <i>Analytical Chemistry</i> , 2018, 90, 6247-6252.	6.5	185
5	[Ru(bpy) ₂ dppz] ²⁺ Electrochemiluminescence Switch and Its Applications for DNA Interaction Study and Label-free ATP Aptasensor. <i>Analytical Chemistry</i> , 2009, 81, 9807-9811.	6.5	142
6	“Light-on” Sensing of Antioxidants Using Gold Nanoclusters. <i>Analytical Chemistry</i> , 2014, 86, 4989-4994.	6.5	121
7	Peroxidase-like Activity of Metal-Organic Framework [Cu(PDA)(DMF)] and Its Application for Colorimetric Detection of Dopamine. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 44466-44473.	8.0	106
8	Aggregation-induced accelerating peroxidase-like activity of gold nanoclusters and their applications for colorimetric Pb ²⁺ detection. <i>Chemical Communications</i> , 2017, 53, 10160-10163.	4.1	104
9	Switchable Catalytic DNA Catenanes. <i>Nano Letters</i> , 2015, 15, 2099-2103.	9.1	77
10	Dual Switchable CRET-Induced Luminescence of CdSe/ZnS Quantum Dots (QDs) by the Hemin/G-Quadruplex-Bridged Aggregation and Deaggregation of Two-Sized QDs. <i>Nano Letters</i> , 2014, 14, 6030-6035.	9.1	62
11	Novel electrochemiluminescence of silver nanoclusters fabricated on triplex DNA scaffolds for label-free detection of biothiols. <i>Biosensors and Bioelectronics</i> , 2017, 98, 378-385.	10.1	46
12	Aggregation/dispersion-mediated peroxidase-like activity of MoS ₂ quantum dots for colorimetric pyrophosphate detection. <i>Chemical Communications</i> , 2019, 55, 2039-2042.	4.1	46
13	A highly selective colorimetric sulfide assay based on the inhibition of the peroxidase-like activity of copper nanoclusters. <i>Mikrochimica Acta</i> , 2018, 185, 143.	5.0	45
14	MoS ₂ quantum dots modified with a labeled molecular beacon as a ratiometric fluorescent gene probe for FRET based detection and imaging of microRNA. <i>Mikrochimica Acta</i> , 2018, 185, 239.	5.0	44
15	High-throughput experiments facilitate materials innovation: A review. <i>Science China Technological Sciences</i> , 2019, 62, 521-545.	4.0	42
16	Highly sensitive chemiluminescent sensing of intracellular Al ³⁺ based on the phosphatase mimetic activity of cerium oxide nanoparticles. <i>Biosensors and Bioelectronics</i> , 2020, 152, 112027.	10.1	37
17	Cathodic electrochemiluminescence in aqueous solutions at bismuth electrodes. <i>Chemical Communications</i> , 2007, , 4146.	4.1	28
18	G-quadruplex DNA regulates invertible circularly polarized luminescence. <i>Journal of Materials Chemistry C</i> , 2019, 7, 13947-13952.	5.5	28

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19	Switchable fluorescence of MoS ₂ quantum dots: a multifunctional probe for sensing of chromium(VI), ascorbic acid, and alkaline phosphatase activity. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 7551-7557.	3.7	26
20	Fluorescence detection of protamine, heparin and heparinase II based on a novel AIE molecule with four carboxyl. <i>International Journal of Biological Macromolecules</i> , 2020, 156, 1153-1159.	7.5	26
21	The phosphatase-like activity of zirconium oxide nanoparticles and their application in near-infrared intracellular imaging. <i>Journal of Materials Chemistry B</i> , 2020, 8, 4428-4433.	5.8	26
22	Ionic liquid-assisted chemiluminescent immunoassay of prostate specific antigen using nanoceria as an alkaline phosphatase-like nanozyme label. <i>Chemical Communications</i> , 2021, 57, 3054-3057.	4.1	25
23	Fluorometric turn-on determination of the activity of alkaline phosphatase by using WS ₂ quantum dots and enzymatic cleavage of ascorbic acid 2-phosphate. <i>Mikrochimica Acta</i> , 2018, 185, 390.	5.0	22
24	Right-/left-handed helical G-quartet nanostructures with full-color and energy transfer circularly polarized luminescence. <i>Chemical Communications</i> , 2020, 56, 7706-7709.	4.1	21
25	Electrochemiluminescence resonance energy transfer immunoassay for alkaline phosphatase using p-nitrophenyl phosphate as substrate. <i>Analytica Chimica Acta</i> , 2020, 1097, 71-77.	5.4	20
26	Pd@Au core-shell nanocrystals with concave cubic shapes: kinetically controlled synthesis and electrocatalytic properties. <i>Faraday Discussions</i> , 2013, 164, 175.	3.2	18
27	A colorimetric heparin assay based on the inhibition of the oxidase mimicking activity of cerium oxide nanoparticles. <i>Mikrochimica Acta</i> , 2019, 186, 274.	5.0	18
28	Hairpin-structured probe conjugated nano-graphene oxide for the cellular detection of connective tissue growth factor mRNA. <i>Analytica Chimica Acta</i> , 2018, 1038, 140-147.	5.4	15
29	Electrochemiluminescence resonance energy transfer for both turn-off-detection of 2,4,6-trinitrophenol and turn-on-detection of lidocaine hydrochloride using luminol-doped silica nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2019, 287, 445-452.	7.8	15
30	Y-shaped DNA-Mediated hybrid nanoflowers as efficient gene carriers for fluorescence imaging of tumor-related mRNA in living cells. <i>Analytica Chimica Acta</i> , 2019, 1057, 114-122.	5.4	13
31	Water-dispersed fluorescent silicon nanodots as probes for fluorometric determination of picric acid via energy transfer. <i>Mikrochimica Acta</i> , 2019, 186, 18.	5.0	13
32	Electrochemiluminescence of tris(2,2'-bipyridyl)ruthenium(ii) in the presence of hydrazine and its derivatives. <i>Analytical Methods</i> , 2011, 3, 1786.	2.7	12
33	Electrochemiluminescence of tris(2,2'-bipyridyl)ruthenium(ii)/pyruvate system in the absence of cerium(iii). <i>Analytical Methods</i> , 2010, 2, 479.	2.7	8
34	Ratiometric fluorescent sensing and imaging of intracellular pH by an AIE-active luminogen with intrinsic phosphatase-like catalytic activity. <i>Dyes and Pigments</i> , 2022, 204, 110436.	3.7	8
35	DNA-mediated biomineralization of calcium-deficient hydroxyapatite for bone tissue engineering. <i>New Journal of Chemistry</i> , 2020, 44, 4755-4761.	2.8	5
36	Mo ₂ C and Its Composites Derived from Egg White for Hydrogen Evolution Reaction at All pH Range. <i>ChemistrySelect</i> , 2018, 3, 4683-4686.	1.5	4

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37	One-pot synthesis of luminol- ⁶⁶ gallium nanoassemblies and their peroxidase-mimetic activity for colorimetric detection of pyrophosphate. <i>New Journal of Chemistry</i> , 2020, 44, 21176-21182.	2.8	4
38	Chemiluminescence of the Ce(IV)/CDP-Star System Based on the Phosphatase-like Activity of Ce(IV) Ions. <i>ACS Omega</i> , 2021, 6, 6379-6384.	3.5	3
39	Highly sensitive detection of Tb ³⁺ and ATP based on a novel asymmetric anthracene derivative. <i>Analytical Methods</i> , 2022, 14, 306-311.	2.7	3
40	A cationic on-off fluorescent sensor with AIE properties for heparin and protamine detection. <i>New Journal of Chemistry</i> , 2021, 45, 16537-16542.	2.8	2
41	Fluorescent aptasensors for parallel analysis of biomolecules based on interlocked DNA catenane nanomachines. <i>Analytica Chimica Acta</i> , 2020, 1114, 1-6.	5.4	1
42	Design, synthesis and imaging of a novel mitochondrial fluorescent nanoprobe based on distyreneanthracene-substituted triphenylphosphonium salt. <i>Analytical Biochemistry</i> , 2021, 634, 114424.	2.4	0