Quanbo Wang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1883714/publications.pdf

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26	1,340	471477 17	552766 26
papers	citations	h-index	g-index

27	27	27	2010
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Gut microbial metabolites facilitate anticancer therapy efficacy by modulating cytotoxic CD8+ TÂcell immunity. Cell Metabolism, 2021, 33, 988-1000.e7.	16.2	264
2	Fluorescence Quenching of Carbon Nitride Nanosheet through Its Interaction with DNA for Versatile Fluorescence Sensing. Analytical Chemistry, 2013, 85, 12182-12188.	6.5	245
3	Graphene-supported ferric porphyrin as a peroxidase mimic for electrochemical DNA biosensing. Chemical Communications, 2013, 49, 916-918.	4.1	121
4	Surface Decorated Porphyrinic Nanoscale Metalâ€“Organic Framework for Photodynamic Therapy. Inorganic Chemistry, 2018, 57, 5420-5428.	4.0	73
5	Anodic electrochemiluminescence of graphitic-phase C3N4 nanosheets for sensitive biosensing. Talanta, 2014, 122, 130-134.	5.5	70
6	Simultaneous sensing of intracellular microRNAs with a multi-functionalized carbon nitride nanosheet probe. Chemical Communications, 2014, 50, 13604-13607.	4.1	65
7	Folate Receptor-Targeted and Cathepsin B-Activatable Nanoprobe for In Situ Therapeutic Monitoring of Photosensitive Cell Death. Analytical Chemistry, 2015, 87, 3841-3848.	6.5	59
8	Covalent organic framework with bidentate ligand sites as reliable fluorescent sensor for Cu2+. Microporous and Mesoporous Materials, 2020, 299, 110122.	4.4	56
9	Morphology and chirality controlled self-assembled nanostructures of porphyrinâ€“pentapeptide conjugate: effect of the peptide secondary conformation. Journal of Materials Chemistry, 2011, 21, 8057.	6.7	54
10	Electrochemiluminescent DNA sensing using carbon nitride nanosheets as emitter for loading of hemin labeled single-stranded DNA. Biosensors and Bioelectronics, 2015, 73, 7-12.	10.1	44
11	A Hostâ€“Guest Interaction-Based and Metalâ€“Organic Gel-Based Biosensor with Aggregation-Induced Electrochemiluminescence Enhancement for Methyltransferase Assay. Analytical Chemistry, 2021, 93, 2974-2981.	6.5	35
12	Label-free triple-helix aptamer as sensing platform for â€œsignal-onâ€•fluorescent detection of thrombin. Talanta, 2015, 132, 387-391.	5.5	32
13	Regulative peroxidase activity of DNA-linked hemin by graphene oxide for fluorescence DNA sensing. Chemical Communications, 2014, 50, 6714-6717.	4.1	31
14	A peptide nucleic acid-functionalized carbon nitride nanosheet as a probe for in situ monitoring of intracellular microRNA. Analyst, The, 2015, 140, 4245-4252.	3.5	31
15	Helical nano-structures self-assembled from dimethylaminoethyloxy-containing unsymmetrical octakis-substituted phthalocyanine derivatives. Soft Matter, 2011, 7, 3417.	2.7	27
16	Catalytic activity of a dual-hemin labelled oligonucleotide: conformational dependence and fluorescent DNA sensing. Chemical Communications, 2014, 50, 15362-15365.	4.1	22
17	Dendritic DNAâ€“porphyrin as mimetic enzyme for amplified fluorescent detection of DNA. Talanta, 2016, 150, 661-665.	5.5	17
18	Propionate Ameliorates Alcohol-Induced Liver Injury in Mice via the Gutâ€“Liver Axis: Focus on the Improvement of Intestinal Permeability. Journal of Agricultural and Food Chemistry, 2022, 70, 6084-6096.	5.2	15

#	Article	IF	Citations
19	pH and Proton Sensor GPR65 Determine Susceptibility to Atopic Dermatitis. Journal of Immunology, 2021, 207, 101-109.	0.8	13
20	Low-background electrochemical biosensor for one-step detection of base excision repair enzyme. Biosensors and Bioelectronics, 2020, 150, 111865.	10.1	12
21	Direct detection of circulating free DNA extracted from serum samples of breast cancer using locked nucleic acid molecular beacon. Talanta, 2016, 154, 520-525.	5.5	11
22	Neutrophil subsets and their differential roles in viral respiratory diseases. Journal of Leukocyte Biology, 2022, 111, 1159-1173.	3.3	11
23	Ring-Shaped J-Type and Star-Shaped H-Type Nanostructures of an Unsymmetrical (Phthalocyaninato)zinc Complex. European Journal of Inorganic Chemistry, 2011, 2011, 1466-1472.	2.0	9
24	Strand displacement activated peroxidase activity of hemin for fluorescent DNA sensing. Analyst, The, 2015, 140, 6532-6537.	3.5	8
25	Neutrophils in cancerâ€"unresolved questions. Science China Life Sciences, 2021, 64, 1829-1841.	4.9	8
26	Organic Nanostructures with Controllable Morphology Fabricated from Ferroceneâ€“Porphyrin Derivatives: Effect of Metalâ€“Ligand Coordination on the Morphology, Dimensions, and Semiconductor Properties of Selfâ€Assembled Nanostructures. European Journal of Inorganic Chemistry, 2011, 2011, 4241-4247.	2.0	7