

Nan Zhang

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7223280/nan-zhang-publications-by-citations.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

44
papers

1,282
citations

18
h-index

35
g-index

46
ext. papers

1,554
ext. citations

6.5
avg, IF

4.46
L-index

#	Paper	IF	Citations
44	3D Nitrogen-Anion-Decorated Nickel Sulfides for Highly Efficient Overall Water Splitting. <i>Advanced Materials</i> , 2017 , 29, 1701584	24	375
43	Growth Control of MoS ₂ Nanosheets on Carbon Cloth for Maximum Active Edges Exposed: An Excellent Hydrogen Evolution 3D Cathode. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 12193-202	9.5	139
42	Edge-rich MoS ₂ Nanosheets Rooting into Polyaniline Nanofibers as Effective Catalyst for Electrochemical Hydrogen Evolution. <i>Electrochimica Acta</i> , 2015 , 180, 155-163	6.7	62
41	Biomolecule-free, selective detection of o-diphenol and its derivatives with WS ₂ /TiO ₂ -based photoelectrochemical platform. <i>Analytical Chemistry</i> , 2015 , 87, 4844-50	7.8	54
40	DNA aptamer evolved by cell-SELEX for recognition of prostate cancer. <i>PLoS ONE</i> , 2014 , 9, e100243	3.7	45
39	MoS ₂ /Ni ₃ S ₂ nanorod arrays well-aligned on Ni foam: a 3D hierarchical efficient bifunctional catalytic electrode for overall water splitting. <i>RSC Advances</i> , 2017 , 7, 46286-46296	3.7	43
38	The production and photodissociation of iron-sulfur cluster ions. <i>Journal of Chemical Physics</i> , 1993 , 99, 1765-1770	3.9	43
37	Activity enhancement of G-quadruplex/hemin DNAzyme by spermine. <i>RSC Advances</i> , 2014 , 4, 1441-1448	3.7	41
36	Controlled electrodeposition of CoMoS _x on carbon cloth: A 3D cathode for highly-efficient electrocatalytic hydrogen evolution. <i>International Journal of Hydrogen Energy</i> , 2016 , 41, 3811-3819	6.7	36
35	A Bis(methylpiperazinylstyryl)phenanthroline as a Fluorescent Ligand for G-Quadruplexes. <i>Chemistry - A European Journal</i> , 2016 , 22, 6037-47	4.8	35
34	Thiazole Orange-Modified Carbon Dots for Ratiometric Fluorescence Detection of G-Quadruplex and Double-Stranded DNA. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 25166-25173	9.5	33
33	Intercellular Connections Related to Cell-Cell Crosstalk Specifically Recognized by an Aptamer. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 3914-8	16.4	31
32	The fluorescence detection of glutathione by OH radicals elimination with catalyst of MoS ₂ /rGO under full spectrum visible light irradiation. <i>Talanta</i> , 2015 , 144, 551-8	6.2	30
31	Imaging of Neurite Network with an Anti-L1CAM Aptamer Generated by Neurite-SELEX. <i>Journal of the American Chemical Society</i> , 2018 , 140, 18066-18073	16.4	30
30	Cytotoxicity of guanine-based degradation products contributes to the antiproliferative activity of guanine-rich oligonucleotides. <i>Chemical Science</i> , 2015 , 6, 3831-3838	9.4	27
29	In vitro selection of DNA aptamers recognizing drug-resistant ovarian cancer by cell-SELEX. <i>Talanta</i> , 2019 , 194, 437-445	6.2	25
28	Direct electron transfer of Cytochrome c at mono-dispersed and negatively charged perylene-graphene matrix. <i>Talanta</i> , 2013 , 107, 195-202	6.2	22

27	Development of squaraine based G-quadruplex ligands using click chemistry. <i>Scientific Reports</i> , 2017 , 7, 4766	4.9	20
26	A Mitochondria-Targeted Ratiometric Fluorescent pH Probe.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 1368-1375	4.7	18
25	Immunomodulatory Effects of Polysaccharide Extract and Its Uptake Behaviors at the Cellular Level. <i>Molecules</i> , 2020 , 25,	4.8	17
24	Thiazole Orange Styryl Derivatives as Fluorescent Probes for G-Quadruplex DNA.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 2643-2650	4.1	15
23	Comparative Study of the Chemical Constituents and Bioactivities of the Extracts from Fruits, Leaves and Root Barks of. <i>Molecules</i> , 2019 , 24,	4.8	14
22	Oxidative degradation of polyamines by serum supplement causes cytotoxicity on cultured cells. <i>Scientific Reports</i> , 2018 , 8, 10384	4.9	13
21	The formation, photodissociation, and bond structure of cobalt-sulfur cluster ions. <i>Journal of Chemical Physics</i> , 1994 , 101, 9528-9533	3.9	13
20	Ratiometric detection and imaging of hydrogen sulfide in mitochondria based on a cyanine/naphthalimide hybrid fluorescent probe. <i>Analyt, The</i> , 2020 , 145, 6549-6555	5	12
19	A Nucleus-Targeting DNA Aptamer for Dead Cell Indication. <i>ACS Sensors</i> , 2019 , 4, 1612-1618	9.2	11
18	Ratiometric fluorescent silver nanoclusters for the determination of mercury and copper ions. <i>Analytical Methods</i> , 2015 , 7, 8019-8024	3.2	11
17	Aluminum-sulfur cluster ions: Formation and photolysis. <i>Journal of Chemical Physics</i> , 1994 , 101, 1219-1224	4.9	11
16	Design of two electrode system for detection of antioxidant capacity with photoelectrochemical platform. <i>Biosensors and Bioelectronics</i> , 2016 , 75, 458-64	11.8	10
15	Detection of Circulating Tumor-Related Materials by Aptamer Capturing and Endogenous Enzyme-Signal Amplification. <i>Analytical Chemistry</i> , 2020 , 92, 5370-5378	7.8	8
14	The Mechanism of the Selective Antiproliferation Effect of Guanine-Based Biomolecules and Its Compensation. <i>ACS Chemical Biology</i> , 2019 , 14, 1164-1173	4.9	6
13	Flow Cytometric Bead Sandwich Assay Based on a Split Aptamer. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 2312-2318	9.5	4
12	Dual-Monitoring Glycosylation and Local pH in Live Cells by Metabolic Oligosaccharide Engineering with a Ratiometric Fluorescent Tag. <i>Analytical Chemistry</i> , 2019 , 91, 13720-13728	7.8	4
11	Exact tailoring of an ATP controlled streptavidin binding aptamer. <i>RSC Advances</i> , 2014 , 4, 15111	3.7	4
10	Formation and Photodissociation of Transition Metal-Sulfur Binary Cluster Ions. <i>Journal of the Chinese Chemical Society</i> , 1995 , 42, 455-460	1.5	4

9	FnCas12a/crRNA assisted dumbbell-PCR detection of IsomiRs with terminal and inner sequence variants. <i>Chemical Communications</i> , 2020 , 56, 10038-10041	5.8	4
8	A DNA Aptameric Ligand of Human Transferrin Receptor Generated by Cell-SELEX. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
7	Intercellular Connections Related to Cell-Cell Crosstalk Specifically Recognized by an Aptamer. <i>Angewandte Chemie</i> , 2016 , 128, 3982-3986	3.6	2
6	Transferrin receptor-mediated internalization and intracellular fate of conjugates of a DNA aptamer.. <i>Molecular Therapy - Nucleic Acids</i> , 2022 , 27, 1249-1259	10.7	2
5	Role of Oxygen Potential and Oxygen Ions on Phosphorus Removal from Silicon via Addition of FeO into Slag. <i>Silicon</i> , 2020 , 12, 1145-1156	2.4	1
4	p-Aminostyryl thiazole orange derivatives for monitoring mitochondrial viscosity in live cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022 , 265, 120394	4.4	1
3	A 4-aminonaphthalimide-based fluorescent traceable prodrug with excellent photoinduced cytotoxicity. <i>Chemical Communications</i> , 2021 , 57, 6558-6561	5.8	1
2	A mitochondria-targeted near-infrared fluorescent probe for detection and imaging of HSO in living cells.. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022 , 278, 121305	4.4	0
1	The formation and photolysis of tantalum sulfide cluster ions. <i>Zeitschrift Für Physik D-Atoms Molecules and Clusters</i> , 1993 , 26, 246-248		