

Xin Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1874115/publications.pdf>

Version: 2024-02-01

26
papers

1,204
citations

394421

19
h-index

552781

26
g-index

26
all docs

26
docs citations

26
times ranked

1719
citing authors

#	ARTICLE	IF	CITATIONS
1	A Carbonized Fluorescent Nucleolus Probe Discloses RNA Reduction in the Process of Mitophagy. <i>CCS Chemistry</i> , 2022, 4, 2698-2710.	7.8	12
2	Polymeric ionic liquid with carboxyl anchored on mesoporous silica for efficient fixation of carbon dioxide. <i>Journal of Colloid and Interface Science</i> , 2022, 618, 44-55.	9.4	27
3	Nanozyme-Triggered Cascade Reactions from Cup-Shaped Nanomotors Promote Active Cellular Targeting. <i>Research</i> , 2022, 2022, .	5.7	12
4	Cell membrane coated smart two-dimensional supraparticle for <i>in vivo</i> homotypic cancer targeting and enhanced combinational theranostics. <i>Nanotheranostics</i> , 2021, 5, 275-287.	5.2	20
5	Green Synthesis of Leaning Tower Pillarene-Mediated Gold Nanoparticles for Label-Free Detection. <i>Organic Letters</i> , 2021, 23, 4677-4682.	4.6	12
6	High TSPAN8 expression in epithelial cancer cell-derived small extracellular vesicles promote confined diffusion and pronounced uptake. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12167.	12.2	9
7	Etching of Single-MnO ₂ -Coated Gold Nanoparticles for the Colorimetric Detection of Organophosphorus Pesticides. <i>ACS Applied Nano Materials</i> , 2019, 2, 6646-6654.	5.0	44
8	Mitochondrion-Specific Blinking Fluorescent Bioprobe for Nanoscopic Monitoring of Mitophagy. <i>ACS Nano</i> , 2019, 13, 11593-11602.	14.6	70
9	Single-particle tracking discloses binding-mediated rocking diffusion of rod-shaped biological particles on lipid membranes. <i>Chemical Science</i> , 2019, 10, 1351-1359.	7.4	17
10	A triple-stimuli responsive hormone delivery system equipped with pillararene magnetic nanovalves. <i>Materials Chemistry Frontiers</i> , 2019, 3, 103-110.	5.9	68
11	Molecular and living cell dynamic assays with optical microscopy imaging techniques. <i>Analyst</i> , 2019, 144, 859-871.	3.5	24
12	In Situ Gold Nanoparticle Synthesis Mediated by a Water-Soluble Leaning Pillar Pillarene for Self-Assembly, Detection, and Catalysis. <i>Organic Letters</i> , 2019, 21, 5215-5218.	4.6	52
13	Organic-Inorganic Hybrid Pillarene-Based Nanomaterial for Label-Free Sensing and Catalysis. <i>Matter</i> , 2019, 1, 848-861.	10.0	59
14	Single-Particle Tracking with Scattering-Based Optical Microscopy. <i>Analytical Chemistry</i> , 2019, 91, 15327-15334.	6.5	45
15	One-pot synthesis of mesoporous chitosan-silica composite from sodium silicate for application in Rhenium(VII) adsorption. <i>Microporous and Mesoporous Materials</i> , 2019, 278, 44-53.	4.4	43
16	One-pot solvothermal synthesis of Carboxylatopillar Pillarene-modified Fe ₃ O ₄ magnetic nanoparticles for ultrafast separation of cationic dyes. <i>Dyes and Pigments</i> , 2019, 162, 512-516.	3.7	37
17	Polymer Nanoassembly as Delivery Systems and Anti-Bacterial Toolbox: From PGMA to MSN@PGMA. <i>Chemical Record</i> , 2018, 18, 45-54.	5.8	25
18	Immobilizing Polyether Imidazole Ionic Liquids on ZSM-5 Zeolite for the Catalytic Synthesis of Propylene Carbonate from Carbon Dioxide. <i>Molecules</i> , 2018, 23, 2710.	3.8	14

#	ARTICLE	IF	CITATIONS
19	Multifunctional bacterial imaging and therapy systems. <i>Journal of Materials Chemistry B</i> , 2018, 6, 5198-5214.	5.8	34
20	Surface Immobilization of pH-Responsive Polymer Brushes on Mesoporous Silica Nanoparticles by Enzyme Mimetic Catalytic ATRP for Controlled Cargo Release. <i>Polymers</i> , 2016, 8, 277.	4.5	41
21	Effective PDT/PTT dual-modal phototherapeutic killing of pathogenic bacteria by using ruthenium nanoparticles. <i>Journal of Materials Chemistry B</i> , 2016, 4, 6258-6270.	5.8	71
22	Smart mesoporous silica nanoparticles gated by pillararene-modified gold nanoparticles for on-demand cargo release. <i>Chemical Communications</i> , 2016, 52, 13775-13778.	4.1	58
23	Tuning the growth, crosslinking, and gating effect of disulfide-containing PGMA on the surfaces of mesoporous silica nanoparticles for redox/pH dual-controlled cargo release. <i>Polymer Chemistry</i> , 2016, 7, 2171-2179.	3.9	40
24	Controlled Drug Release Systems Based on Mesoporous Silica Capped by Gold Nanoparticles. <i>Acta Chimica Sinica</i> , 2016, 74, 303.	1.4	14
25	pH and Glutathione Dual-Responsive Dynamic Cross-Linked Supramolecular Network on Mesoporous Silica Nanoparticles for Controlled Anticancer Drug Release. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 28656-28664.	8.0	128
26	Stimuli-responsive metal-organic frameworks gated by pillar[5]arene supramolecular switches. <i>Chemical Science</i> , 2015, 6, 1640-1644.	7.4	228