Sangjin Oh

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10718978/publications.pdf

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18	605	840119 11	839053 18
papers	citations	h-index	g-index

18	18	18	1056
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rapid Assembly of Magnetoplasmonic Photonic Arrays for Brilliant, Noniridescent, and Stimuliâ€Responsive Structural Colors. Small, 2022, 18, e2200317.	5.2	17
2	Ironâ€“Palladium magnetic nanoparticles for decolorizing rhodamine B and scavenging reactive oxygen species. Journal of Colloid and Interface Science, 2021, 588, 646-656.	5.0	7
3	Clinical Trial: Magnetoplasmonic ELISA for Urine-based Active Tuberculosis Detection and Anti-Tuberculosis Therapy Monitoring. ACS Central Science, 2021, 7, 1898-1907.	5.3	16
4	Contralateral spreading of substances following intratympanic nanoparticle-conjugated gentamicin injection in a rat model. Scientific Reports, 2020, 10, 18636.	1.6	5
5	Effect of surface charge of gold nanoparticles on fluorescence amplification of polydiacetylene-based liposomes. Journal of Experimental Nanoscience, 2020, 15, 174-181.	1.3	2
6	Au nanozyme-driven antioxidation for preventing frailty. Colloids and Surfaces B: Biointerfaces, 2020, 189, 110839.	2.5	9
7	In Vivo Study of Spiky Fe3O4@Au Nanoparticles with Different Branch Lengths: Biodistribution, Clearance, and Biocompatibility in Mice. ACS Applied Bio Materials, 2019, 2, 163-170.	2.3	9
8	Magnetic Nanozyme-Linked Immunosorbent Assay for Ultrasensitive Influenza A Virus Detection. ACS Applied Materials & Interfaces, 2018, 10, 12534-12543.	4.0	144
9	Magnetoplasmonic Nanomaterials for Biosensing/Imaging and in Vitro/in Vivo Biousability. Analytical Chemistry, 2018, 90, 225-239.	3.2	51
10	Scalable Solvothermal Synthesis of Superparamagnetic Fe₃O₄ Nanoclusters for Bioseparation and Theragnostic Probes. ACS Applied Materials & Interfaces, 2018, 10, 41935-41946.	4.0	51
11	Chiral zirconium quantum dots: A new class of nanocrystals for optical detection of coronavirus. Heliyon, 2018, 4, e00766.	1.4	69
12	Electrochemical immunosensor using nanotriplex of graphene quantum dots, Fe3O4, and Ag nanoparticles for tuberculosis. Electrochimica Acta, 2018, 290, 369-377.	2.6	67
13	In vivo feasibility test using transparent carbon nanotubeâ€coated polydimethylsiloxane sheet at brain tissue and sciatic nerve. Journal of Biomedical Materials Research - Part A, 2017, 105, 1736-1745.	2.1	8
14	Enhanced Internalization of Macromolecular Drugs into Mycobacterium smegmatis with the Assistance of Silver Nanoparticles. Journal of Microbiology and Biotechnology, 2017, 27, 1483-1490.	0.9	7
15	Synthesis of silver nanoparticles using analogous reducibility of phytochemicals. Current Applied Physics, 2016, 16, 738-747.	1.1	14
16	Synthesis of Gold Nanoparticles with Buffer-Dependent Variations of Size and Morphology in Biological Buffers. Nanoscale Research Letters, 2016, 11, 65.	3.1	22
17	A plasmon-assisted fluoro-immunoassay using gold nanoparticle-decorated carbon nanotubes for monitoring the influenza virus. Biosensors and Bioelectronics, 2015, 64, 311-317.	5.3	90
18	Cytotoxicity and Gene Expression in Sarcoma 180 Cells in Response to Spiky Magnetoplasmonic Supraparticles. ACS Applied Materials & Interfaces, 2014, 6, 19680-19689.	4.0	17