

Sangjin Oh

List of Publications by Year in descending order

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papers

605
citations

840119

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18
docs citations

18
times ranked

1056
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic Nanozyme-Linked Immunosorbent Assay for Ultrasensitive Influenza A Virus Detection. ACS Applied Materials & Interfaces, 2018, 10, 12534-12543.	4.0	144
2	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
3	Chiral zirconium quantum dots: A new class of nanocrystals for optical detection of coronavirus. Heliyon, 2018, 4, e00766.	1.4	69
4	Electrochemical immunosensor using nanotriplex of graphene quantum dots, Fe ₃ O ₄ , and Ag nanoparticles for tuberculosis. Electrochimica Acta, 2018, 290, 369-377.	2.6	67
5	Magnetoplasmonic Nanomaterials for Biosensing/Imaging and <i>in Vitro</i> / <i>in Vivo</i> Biocompatibility. Analytical Chemistry, 2018, 90, 225-239.	3.2	51
6	Scalable Solvothermal Synthesis of Superparamagnetic Fe ₃ O ₄ Nanoclusters for Bioseparation and Theragnostic Probes. ACS Applied Materials & Interfaces, 2018, 10, 41935-41946.	4.0	51
7	Synthesis of Gold Nanoparticles with Buffer-Dependent Variations of Size and Morphology in Biological Buffers. Nanoscale Research Letters, 2016, 11, 65.	3.1	22
8	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
9	Rapid Assembly of Magnetoplasmonic Photonic Arrays for Brilliant, Noniridescent, and Stimuli-Responsive Structural Colors. Small, 2022, 18, e2200317.	5.2	17
10	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
11	Synthesis of silver nanoparticles using analogous reducibility of phytochemicals. Current Applied Physics, 2016, 16, 738-747.	1.1	14
12	In Vivo Study of Spiky Fe ₃ O ₄ @Au Nanoparticles with Different Branch Lengths: Biodistribution, Clearance, and Biocompatibility in Mice. ACS Applied Bio Materials, 2019, 2, 163-170.	2.3	9
13	Au nanozyme-driven antioxidation for preventing frailty. Colloids and Surfaces B: Biointerfaces, 2020, 189, 110839.	2.5	9
14	<i>In vivo</i> feasibility test using transparent carbon nanotube-coated polydimethylsiloxane sheet at brain tissue and sciatic nerve. Journal of Biomedical Materials Research - Part A, 2017, 105, 1736-1745.	2.1	8
15	Iron-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
16	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
17	Contralateral spreading of substances following intratympanic nanoparticle-conjugated gentamicin injection in a rat model. Scientific Reports, 2020, 10, 18636.	1.6	5
18	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