Ki-Jae Jeong

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5518912/publications.pdf

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18	311	1039406	887659
papers	citations	9	17
		h-index	g-index

18	18	18	430
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electrochemical immunosensor using nanotriplex of graphene quantum dots, Fe3O4, and Ag nanoparticles for tuberculosis. Electrochimica Acta, 2018, 290, 369-377.	2.6	67
2	Helical Magnetic Field-Induced Real-Time Plasmonic Chirality Modulation. ACS Nano, 2020, 14, 7152-7160.	7.3	43
3	Magnetic-Field-Induced Electrochemical Performance of a Porous Magnetoplasmonic Ag@Fe₃O₄ Nanoassembly. ACS Applied Materials & Interfaces, 2020, 12, 6598-6606.	4.0	36
4	Synthesis and formation mechanism of bone mineral, whitlockite nanocrystals in tri-solvent system. Journal of Colloid and Interface Science, 2020, 569, 1-11.	5.0	31
5	Emission-tunable probes using terbium(III)-doped self-activated luminescent hydroxyapatite for in vitro bioimaging. Journal of Colloid and Interface Science, 2021, 581, 21-30.	5.0	23
6	In vivo study on the biocompatibility of chitosanâ€“hydroxyapatite film depending on degree of deacetylation. Journal of Biomedical Materials Research - Part A, 2017, 105, 1637-1645.	2.1	18
7	Rapid Assembly of Magnetoplasmonic Photonic Arrays for Brilliant, Noniridescent, and Stimuliâ€Responsive Structural Colors. Small, 2022, 18, e2200317.	5.2	17
8	Plasmonic Enhancement of Chiroptical Property in Enantiomers Using a Helical Array of Magnetoplasmonic Nanoparticles for Ultrasensitive Chiral Recognition. ACS Applied Materials & Interfaces, 2021, 13, 46886-46893.	4.0	13
9	Whitlockite Granules on Bone Regeneration in Defect of Rat Calvaria. ACS Applied Bio Materials, 2020, 3, 7762-7768.	2.3	12
10	Highly stable functionalized aluminum nanoparticles for magneto-energetic composite fabrication. Combustion and Flame, 2018, 187, 96-104.	2.8	9
11	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
12	Inner-conductivity optimized core-shell Ag@Fe3O4 nanospheres for high-performance lithium-/sodium-ion batteries. Journal of Alloys and Compounds, 2020, 832, 152824.	2.8	8
13	Magnetic Layer-by-Layer Assembly: From Linear Plasmonic Polymers to Oligomers. ACS Applied Materials & Interfaces, 2020, 12, 16584-16591.	4.0	8
14	Optical Anisotropicity of Coreâ€Shell or Yolkâ€Shellâ€typed Ag@Fe₃O₄ Nanochains. Bulletin of the Korean Chemical Society, 2018, 39, 1273-1278.	1.0	5
15	Contralateral spreading of substances following intratympanic nanoparticle-conjugated gentamicin injection in a rat model. Scientific Reports, 2020, 10, 18636.	1.6	5
16	In Vivo Study of Mastoid Obliteration Using Hydroxyapatite-Chitosan Patch. Journal of Biomedical Nanotechnology, 2017, 13, 1715-1724.	0.5	4
17	Chirality of Fingerprints: Pattern- and Curvature-Induced Emerging Chiroptical Properties of Elastomeric Grating Meta-Skin. ACS Nano, 2022, 16, 6103-6110.	7.3	3
18	Electrochemical Investigation of Porosity in Coreâ€“Shell Magnetoplasmonic Nanoparticles. Journal of Physical Chemistry Letters, 2022, 13, 6085-6092.	2.1	1