

Jeong-Hwan Kim

List of Publications by Citations

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

37
papers

893
citations

14
h-index

29
g-index

40
ext. papers

980
ext. citations

5.7
avg, IF

3.81
L-index

#	Paper	IF	Citations
37	Electrochemical coding for multiplexed immunoassays of proteins. <i>Analytical Chemistry</i> , 2004 , 76, 7126-308	265	
36	Conductimetric membrane strip immunosensor with polyaniline-bound gold colloids as signal generator. <i>Biosensors and Bioelectronics</i> , 2000 , 14, 907-15	11.8	109
35	DNA-linked nanoparticle building blocks for programmable matter. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 9185-90	16.4	73
34	Simultaneous hyperthermia-chemotherapy with controlled drug delivery using single-drug nanoparticles. <i>Scientific Reports</i> , 2016 , 6, 24629	4.9	52
33	A facile single-step synthesis of ternary multicore magneto-plasmonic nanoparticles. <i>Nanoscale</i> , 2014 , 6, 3532-5	7.7	52
32	Hyperthermia and chemotherapy using Fe(Salen) nanoparticles might impact glioblastoma treatment. <i>Scientific Reports</i> , 2017 , 7, 42783	4.9	37
31	On the formation of ternary metallic-dielectric multicore-shell nanoparticles by inert-gas condensation method. <i>Materials Chemistry and Physics</i> , 2015 , 151, 275-281	4.4	36
30	The iron chelating agent, deferoxamine detoxifies Fe(Salen)-induced cytotoxicity. <i>Journal of Pharmacological Sciences</i> , 2017 , 134, 203-210	3.7	32
29	A magnetic anti-cancer compound for magnet-guided delivery and magnetic resonance imaging. <i>Scientific Reports</i> , 2015 , 5, 9194	4.9	31
28	Smart composite nanosheets with adaptive optical properties. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 13339-43	9.5	23
27	In situ fluorescence microscopy visualization and characterization of nanometer-scale carbon nanotubes labeled with 1-pyrenebutanoic acid, succinimidyl ester. <i>Applied Physics Letters</i> , 2006 , 88, 213110	3.4	19
26	Magnetic metal-complex-conducting copolymer core-shell nanoassemblies for a single-drug anticancer platform. <i>NPG Asia Materials</i> , 2017 , 9, e367-e367	10.3	16
25	Engineering high-performance Pd core-MgO porous shell nanocatalysts via heterogeneous gas-phase synthesis. <i>Nanoscale</i> , 2015 , 7, 13387-92	7.7	16
24	Single-step gas phase synthesis of stable iron aluminide nanoparticles with soft magnetic properties. <i>APL Materials</i> , 2014 , 2, 116105	5.7	16
23	Bio-inspired Janus composite nanoscrolls for on-demand tumour targeting. <i>RSC Advances</i> , 2016 , 6, 17179-17187	3.1	13
22	Rapid diagnostic barcode system for codetection of multiple protein markers. <i>IEEE Sensors Journal</i> , 2006 , 6, 248-253	4	13
21	Sequential solid-phase fabrication of bifunctional anchors on gold nanoparticles for controllable and scalable nanoscale structure assembly. <i>Langmuir</i> , 2008 , 24, 5667-71	4	12

20	Anticancer luminescent gold quantum clusters for in situ cancer-selective marking-imaging-targeting. <i>Nanoscale</i> , 2017 , 9, 9071-9082	7.7	11
19	Interfacial Transformation of an Amorphous Carbon Nanofilm upon Fe@Ag@Si Nanoparticle Landing and its Colloidal Nanoscrolls: Enhanced Nanocompositing-Based Performance for Bioapplications. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 33121-33130	9.5	11
18	Simultaneously controlled directionality and valency on a water-soluble gold nanoparticle precursor for aqueous-phase anisotropic self-assembly. <i>Langmuir</i> , 2010 , 26, 18634-8	4	11
17	Treatment of oral cancer using magnetized paclitaxel. <i>Oncotarget</i> , 2018 , 9, 15591-15605	3.3	9
16	Programmable Construction of Nanostructures: Assembly of Nanostructures with Various Nanocomponents.. <i>IEEE Nanotechnology Magazine</i> , 2012 , 6, 19-23	1.7	7
15	Size-controlled deposition of Ag and Si nanoparticle structures with gas-aggregated sputtering. <i>Materials Research Society Symposia Proceedings</i> , 2013 , 1546, 1	4	
14	Adhesion Study of Escherichia coli Cells on Nano-/Microtextured Surfaces in a Microfluidic System. <i>IEEE Nanotechnology Magazine</i> , 2008 , 7, 573-579	2.6	4
13	Pharmaceutical Efficacy of Gypenoside LXXV on Non-Alcoholic Steatohepatitis (NASH). <i>Biomolecules</i> , 2020 , 10,	5.9	4
12	Molecular Drug Discovery of Single Ginsenoside Compounds as a Potent Bruton's Tyrosine Kinase Inhibitor. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	2
11	Bottom-up synthesis of hybrid carbon nanoscrolls 2018 , 553-574		2
10	Nanoscale flagellar-motor based MEMS biosensor for explosive detection 2008 ,		2
9	Ceriporia lacerata Mycelium Culture Medium as a Novel Anti-Aging Microbial Material for Cosmeceutical Application. <i>Cosmetics</i> , 2021 , 8, 101	2.7	2
8	Two-dimensional nanostructures for biomedical applications. <i>Frontiers of Nanoscience</i> , 2019 , 103-120	0.7	2
7	Protective effect of gypenoside LXXV from Gynostemma pentaphyllum against oxidative stress-induced retinal degeneration in vitro and in vivo. <i>Phytomedicine Plus</i> , 2021 , 1, 100050		2
6	Methotrexate-Transferrin-Functionalized Fe(Salen)-Polypyrrole Nanocomposites for Targeted Photo-/Magneto-Thermal Cancer Treatments. <i>Journal of Composites Science</i> , 2022 , 6, 136	3	2
5	DNA-Linked Nanoparticle Building Blocks for Programmable Matter. <i>Angewandte Chemie</i> , 2011 , 123, 9351-9356	3.6	1
4	Back Cover: DNA-Linked Nanoparticle Building Blocks for Programmable Matter (Angew. Chem. Int. Ed. 39/2011). <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 9212-9212	16.4	1
3	Multiplexed electrochemical protein coding based on quantum dot (QD)-bioconjugates for a clinical barcode system. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2004 , 2006, 137-40		1

2 Hybrid metal complex nanocomposites for targeted cancer diagnosis and therapeutics **2019**, 427-461

1 Röktitelbild: DNA-Linked Nanoparticle Building Blocks for Programmable Matter (Angew. Chem. 39/2011). *Angewandte Chemie*, **2011**, 123, 9378-9378 3.6