Jeong-Hwan Kim

List of Publications by Year in Descending Order

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	Methotrexate-Transferrin-Functionalized Fe(Salen)-Polypyrrole Nanocomposites for Targeted Photo-/Magneto-Thermal Cancer Treatments. *Journal of Composites Science*, **2022**, 6, 136	3	2
36	Ceriporia lacerata Mycelium Culture Medium as a Novel Anti-Aging Microbial Material for Cosmeceutical Application. *Cosmetics*, **2021**, 8, 101	2.7	2
35	Protective effect of gypenoside LXXV from Gynostemma pentaphyllum against oxidative stress-induced retinal degeneration in vitro and in vivo. *Phytomedicine Plus*, **2021**, 1, 100050		2
34	Molecular Drug Discovery of Single Ginsenoside Compounds as a Potent Bruton's Tyrosine Kinase Inhibitor. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	2
33	Pharmaceutical Efficacy of Gypenoside LXXV on Non-Alcoholic Steatohepatitis (NASH). *Biomolecules*, **2020**, 10,	5.9	4
32	Hybrid metal complex nanocomposites for targeted cancer diagnosis and therapeutics **2019**, 427-461		
31	Two-dimensional nanostructures for biomedical applications. *Frontiers of Nanoscience*, **2019**, 103-120	0.7	2
30	Bottom-up synthesis of hybrid carbon nanoscrolls **2018**, 553-574		2
29	Treatment of oral cancer using magnetized paclitaxel. *Oncotarget*, **2018**, 9, 15591-15605	3.3	9
28	Hyperthermia and chemotherapy using Fe(Salen) nanoparticles might impact glioblastoma treatment. *Scientific Reports*, **2017**, 7, 42783	4.9	37
27	Magnetic metal-complex-conducting copolymer core–shell nanoassemblies for a single-drug anticancer platform. *NPG Asia Materials*, **2017**, 9, e367-e367	10.3	16
26	Anticancer luminescent gold quantum clusters for in situ cancer-selective marking-imaging-targeting. *Nanoscale*, **2017**, 9, 9071-9082	7.7	11
25	The iron chelating agent, deferoxamine detoxifies Fe(Salen)-induced cytotoxicity. *Journal of Pharmacological Sciences*, **2017**, 134, 203-210	3.7	32
24	Interfacial Transformation of an Amorphous Carbon Nanofilm upon Fe@Ag@Si Nanoparticle Landing and its Colloidal Nanoscrolls: Enhanced Nanocompositing-Based Performance for Bioapplications. *ACS Applied Materials & Interfaces*, **2016**, 8, 33121-33130	9.5	11
23	Simultaneous hyperthermia-chemotherapy with controlled drug delivery using single-drug nanoparticles. *Scientific Reports*, **2016**, 6, 24629	4.9	52
22	Bio-inspired Janus composite nanoscrolls for on-demand tumour targeting. *RSC Advances*, **2016**, 6, 17179-17187	3.7	13
21	Engineering high-performance Pd core-MgO porous shell nanocatalysts via heterogeneous gas-phase synthesis. *Nanoscale*, **2015**, 7, 13387-92	7.7	16

20	A magnetic anti-cancer compound for magnet-guided delivery and magnetic resonance imaging. *Scientific Reports*, **2015**, 5, 9194	4.9	31
19	On the formation of ternary metallic-dielectric multicore-shell nanoparticles by inert-gas condensation method. *Materials Chemistry and Physics*, **2015**, 151, 275-281	4.4	36
18	A facile single-step synthesis of ternary multicore magneto-plasmonic nanoparticles. *Nanoscale*, **2014**, 6, 3532-5	7.7	52
17	Smart composite nanosheets with adaptive optical properties. *ACS Applied Materials & Interfaces*, **2014**, 6, 13339-43	9.5	23
16	Single-step gas phase synthesis of stable iron aluminide nanoparticles with soft magnetic properties. *APL Materials*, **2014**, 2, 116105	5.7	16
15	Size-controlled deposition of Ag and Si nanoparticle structures with gas-aggregated sputtering. *Materials Research Society Symposia Proceedings*, **2013**, 1546, 1		4
14	Programmable Construction of Nanostructures: Assembly of Nanostructures with Various Nanocomponents.. *IEEE Nanotechnology Magazine*, **2012**, 6, 19-23	1.7	7
13	DNA-Linked Nanoparticle Building Blocks for Programmable Matter. *Angewandte Chemie*, **2011**, 123, 9351-9356	3.6	1
12	R□ktitelbild: DNA-Linked Nanoparticle Building Blocks for Programmable Matter (Angew. Chem. 39/2011). *Angewandte Chemie*, **2011**, 123, 9378-9378	3.6	
11	DNA-linked nanoparticle building blocks for programmable matter. *Angewandte Chemie - International Edition*, **2011**, 50, 9185-90	16.4	73
10	Back Cover: DNA-Linked Nanoparticle Building Blocks for Programmable Matter (Angew. Chem. Int. Ed. 39/2011). *Angewandte Chemie - International Edition*, **2011**, 50, 9212-9212	16.4	1
9	Simultaneously controlled directionality and valency on a water-soluble gold nanoparticle precursor for aqueous-phase anisotropic self-assembly. *Langmuir*, **2010**, 26, 18634-8	4	11
8	Adhesion Study of Escherichia coli Cells on Nano-/Microtextured Surfaces in a Microfluidic System. *IEEE Nanotechnology Magazine*, **2008**, 7, 573-579	2.6	4
7	Sequential solid-phase fabrication of bifunctional anchors on gold nanoparticles for controllable and scalable nanoscale structure assembly. *Langmuir*, **2008**, 24, 5667-71	4	12
6	Nanoscale flagellar-motor based MEMS biosensor for explosive detection **2008**,		2
5	In situ fluorescence microscopy visualization and characterization of nanometer-scale carbon nanotubes labeled with 1-pyrenebutanoic acid, succinimidyl ester. *Applied Physics Letters*, **2006**, 88, 213110	3.4	19
4	Rapid diagnostic barcode system for codetection of multiple protein markers. *IEEE Sensors Journal*, **2006**, 6, 248-253	4	13
3	Multiplexed electrochemical protein coding based on quantum dot (QD)-bioconjugates for a clinical barcode system. *Annual International Conference of the IEEE Engineering in Medicine and Biology Society*, **2004**, 2006, 137-40		1

2	Electrochemical coding for multiplexed immunoassays of proteins. *Analytical Chemistry*, **2004**, 76, 7126-30	7.8	265
1	Conductimetric membrane strip immunosensor with polyaniline-bound gold colloids as signal generator. *Biosensors and Bioelectronics*, **2000**, 14, 907-15	11.8	109