

Dong-Hyun Kim

List of Publications by Year in descending order

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159
papers

6,755
citations

61984

43
h-index

76900

74
g-index

163
all docs

163
docs citations

163
times ranked

11334
citing authors

#	ARTICLE	IF	CITATIONS
1	Biofunctionalized magnetic-vortex microdiscs for targeted cancer-cell destruction. <i>Nature Materials</i> , 2010, 9, 165-171.	27.5	507
2	Heat generation of aqueously dispersed CoFe ₂ O ₄ nanoparticles as heating agents for magnetically activated drug delivery and hyperthermia. <i>Journal of Magnetism and Magnetic Materials</i> , 2008, 320, 2390-2396.	2.3	290
3	Association between body mass index and cardiovascular disease mortality in east Asians and south Asians: pooled analysis of prospective data from the Asia Cohort Consortium. <i>BMJ, The</i> , 2013, 347, f5446-f5446.	6.0	239
4	Direct Imaging of Stochastic Domain-Wall Motion Driven by Nanosecond Current Pulses. <i>Physical Review Letters</i> , 2007, 98, 187202.	7.8	220
5	Stable isotope-labeling studies in metabolomics: new insights into structure and dynamics of metabolic networks. <i>Bioanalysis</i> , 2014, 6, 511-524.	1.5	171
6	Tau Phosphorylation at Serine 396 Residue Is Required for Hippocampal LTD. <i>Journal of Neuroscience</i> , 2015, 35, 4804-4812.	3.6	163
7	Magnetic field boosted ferroptosis-like cell death and responsive MRI using hybrid vesicles for cancer immunotherapy. <i>Nature Communications</i> , 2020, 11, 3637.	12.8	158
8	Synthesis and Characterization of Multifunctional Chitosan- MnFe ₂ O ₄ Nanoparticles for Magnetic Hyperthermia and Drug Delivery. <i>Materials</i> , 2010, 3, 4051-4065.	2.9	141
9	Ginsenosides: Are Any of them Candidates for Drugs Acting on the Central Nervous System?. <i>CNS Neuroscience & Therapeutics</i> , 2007, 13, 381-404.	4.0	132
10	Probing the Metabolic Network in Bloodstream-Form <i>Trypanosoma brucei</i> Using Untargeted Metabolomics with Stable Isotope Labelled Glucose. <i>PLoS Pathogens</i> , 2015, 11, e1004689.	4.7	128
11	Stimuli-Responsive Magnetic Nanomicelles as Multifunctional Heat and Cargo Delivery Vehicles. <i>Langmuir</i> , 2013, 29, 7425-7432.	3.5	112
12	Antiallergic effect of the root of <i>Paeonia lactiflora</i> and its constituents paeoniflorin and paeonol. <i>Archives of Pharmacal Research</i> , 2008, 31, 445-450.	6.3	109
13	Characterization of diverse natural variants of CYP102A1 found within a species of <i>Bacillus megaterium</i> . <i>AMB Express</i> , 2011, 1, 1.	3.0	107
14	Analysis of PARK genes in a Korean cohort of early-onset Parkinson disease. <i>Neurogenetics</i> , 2008, 9, 263-269.	1.4	105
15	pH-Sensitive Pt Nanocluster Assembly Overcomes Cisplatin Resistance and Heterogeneous Stemness of Hepatocellular Carcinoma. <i>ACS Central Science</i> , 2016, 2, 802-811.	11.3	101
16	Targeting to carcinoma cells with chitosan- and starch-coated magnetic nanoparticles for magnetic hyperthermia. <i>Journal of Biomedical Materials Research - Part A</i> , 2009, 88A, 1-11.	4.0	100
17	<i>Lactobacillus plantarum</i> CLP-0611 ameliorates colitis in mice by polarizing M1 to M2-like macrophages. <i>International Immunopharmacology</i> , 2014, 21, 186-192.	3.8	94
18	Acute stress causes rapid synaptic insertion of Ca ²⁺ -permeable AMPA receptors to facilitate long-term potentiation in the hippocampus. <i>Brain</i> , 2013, 136, 3753-3765.	7.6	92

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19	Metabolomics Guides Rational Development of a Simplified Cell Culture Medium for Drug Screening against <i>Trypanosoma brucei</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 2768-2779.	3.2	88
20	Rare Individual Amyloid- β^2 Oligomers Act on Astrocytes to Initiate Neuronal Damage. <i>Biochemistry</i> , 2014, 53, 2442-2453.	2.5	83
21	Surface-modified magnetite nanoparticles for hyperthermia: Preparation, characterization, and cytotoxicity studies. <i>Current Applied Physics</i> , 2006, 6, e242-e246.	2.4	82
22	Advanced smart-photosensitizers for more effective cancer treatment. <i>Biomaterials Science</i> , 2018, 6, 79-90.	5.4	82
23	Cytotoxicity of ferrite particles by MTT and agar diffusion methods for hyperthermic application. <i>Journal of Magnetism and Magnetic Materials</i> , 2005, 293, 287-292.	2.3	77
24	SAMHD1 controls cell cycle status, apoptosis and HIV-1 infection in monocytic THP-1 cells. <i>Virology</i> , 2016, 495, 92-100.	2.4	77
25	Preparation and characterization of magnetic chitosan particles for hyperthermia application. <i>Journal of Magnetism and Magnetic Materials</i> , 2005, 293, 328-333.	2.3	74
26	Acidic pH-Triggered Drug-Eluting Nanocomposites for Magnetic Resonance Imaging-Monitored Intra-arterial Drug Delivery to Hepatocellular Carcinoma. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 12711-12719.	8.0	72
27	T1 and T2 relaxivities of succimer-coated MFe ₂₃ O ₄ (M=Mn ²⁺ , Fe ²⁺ and Co ²⁺) inverse spinel ferrites for potential use as phase-contrast agents in medical MRI. <i>Journal of Magnetism and Magnetic Materials</i> , 2009, 321, 3899-3904.	2.3	71
28	Silica-Coated Metal Chelating-Melanin Nanoparticles as a Dual-Modal Contrast Enhancement Imaging and Therapeutic Agent. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 101-111.	8.0	69
29	Temperature change of various ferrite particles with alternating magnetic field for hyperthermic application. <i>Journal of Magnetism and Magnetic Materials</i> , 2005, 293, 320-327.	2.3	68
30	Inhibitory Effects of Korean Red Ginseng and Its Genuine Constituents Ginsenosides Rg3, Rf, and Rh2 in Mouse Passive Cutaneous Anaphylaxis Reaction and Contact Dermatitis Models. <i>Biological and Pharmaceutical Bulletin</i> , 2006, 29, 1862-1867.	1.4	65
31	Inhibitory effect of ginsenoside Rg5 and its metabolite ginsenoside Rh3 in an oxazolone-induced mouse chronic dermatitis model. <i>Archives of Pharmacal Research</i> , 2006, 29, 685-690.	6.3	63
32	MRI Visible Drug Eluting Magnetic Microspheres for Transcatheter Intra-Arterial Delivery to Liver Tumors. <i>Theranostics</i> , 2015, 5, 477-488.	10.0	61
33	Effects of Gut Microflora on Pharmacokinetics of Hesperidin: A Study on Non-Antibiotic and Pseudo-Germ-Free Rats. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2010, 73, 1441-1450.	2.3	58
34	Photothermal ablation of pancreatic cancer cells with hybrid iron-oxide core gold-shell nanoparticles. <i>International Journal of Nanomedicine</i> , 2013, 8, 3437.	6.7	58
35	Intermolecular Structural Change for Thermoswitchable Polymeric Photosensitizer. <i>Journal of the American Chemical Society</i> , 2016, 138, 10734-10737.	13.7	58
36	Inhibitory effect of eupatilin and jaceosidin isolated from <i>Artemisia princeps</i> in IgE-induced hypersensitivity. <i>International Immunopharmacology</i> , 2007, 7, 1678-1684.	3.8	57

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37	Poly(lactide-co-glycolide) microspheres for MRI-monitored transcatheter delivery of sorafenib to liver tumors. <i>Journal of Controlled Release</i> , 2014, 184, 10-17.	9.9	56
38	Temperature-Sensitive Magnetic Drug Carriers for Concurrent Gemcitabine Chemohyperthermia. <i>Advanced Healthcare Materials</i> , 2014, 3, 714-724.	7.6	54
39	Selective Coloration of Melanin Nanospheres through Resonant Mie Scattering. <i>Advanced Materials</i> , 2017, 29, 1700256.	21.0	54
40	Transcatheter intra-arterial infusion of doxorubicin loaded porous magnetic nano-clusters with iodinated oil for the treatment of liver cancer. <i>Biomaterials</i> , 2016, 88, 25-33.	11.4	51
41	Immunomodulatory Magnetic Microspheres for Augmenting Tumor-Specific Infiltration of Natural Killer (NK) Cells. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 13819-13824.	8.0	51
42	Engineering Bacterial Cytochrome P450 (P450) BM3 into a Prototype with Human P450 Enzyme Activity Using Indigo Formation. <i>Drug Metabolism and Disposition</i> , 2010, 38, 732-739.	3.3	50
43	Nematicidal activity of 3,4-dihydroxybenzoic acid purified from <i>Terminalia nigrovenulosa</i> bark against <i>Meloidogyne incognita</i> . <i>Microbial Pathogenesis</i> , 2013, 59-60, 52-59.	2.9	50
44	Synergistic Local Combination of Radiation and Anti-Programmed Death Ligand 1 Immunotherapy Using Radiation-Responsive Splintery Metallic Nanocarriers. <i>ACS Nano</i> , 2020, 14, 13115-13126.	14.6	45
45	Poly(lactide-co-glycolide) microspheres for MRI-monitored delivery of sorafenib in a rabbit VX2 model. <i>Biomaterials</i> , 2015, 61, 299-306.	11.4	44
46	Deoxycholate bile acid directed synthesis of branched Au nanostructures for near infrared photothermal ablation. <i>Biomaterials</i> , 2015, 56, 154-164.	11.4	44
47	Branched Gold Nanoparticle Coating of <i>Clostridium novyi</i> spores for CT-guided Intratumoral Injection. <i>Small</i> , 2017, 13, 1602722.	10.0	44
48	In Vitro and in Vivo Antiallergic Effect of the Fructus of <i>Evodia rutaecarpa</i> and Its Constituents. <i>Biological and Pharmaceutical Bulletin</i> , 2007, 30, 197-199.	1.4	43
49	Cationic Nanoparticle-Mediated Activation of Natural Killer Cells for Effective Cancer Immunotherapy. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 56731-56740.	8.0	43
50	Surface Display of Heme- and Diflavin-Containing Cytochrome P450 BM3 in <i>Escherichia coli</i> : A Whole-Cell Biocatalyst for Oxidation. <i>Journal of Microbiology and Biotechnology</i> , 2010, 20, 712-717.	2.1	43
51	Targeted multimodal nano-reporters for pre-procedural MRI and intra-operative image-guidance. <i>Biomaterials</i> , 2016, 109, 69-77.	11.4	40
52	Transglutaminase 2 gene ablation protects against renal ischemic injury by blocking constant NF- κ B activation. <i>Biochemical and Biophysical Research Communications</i> , 2010, 403, 479-484.	2.1	37
53	Multimodal Imaging of Nanocomposite Microspheres for Transcatheter Intra-Arterial Drug Delivery to Liver Tumors. <i>Scientific Reports</i> , 2016, 6, 29653.	3.3	37
54	Multimodal Magnetic Nanoclusters for Gene Delivery, Directed Migration, and Tracking of Stem Cells. <i>Advanced Functional Materials</i> , 2017, 27, 1700396.	14.9	36

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55	Sequential MR Image-Guided Local Immune Checkpoint Blockade Cancer Immunotherapy Using Ferumoxytol Capped Ultralarge Pore Mesoporous Silica Carriers after Standard Chemotherapy. <i>Small</i> , 2019, 15, e1904378.	10.0	36
56	Magneto-Activation and Magnetic Resonance Imaging of Natural Killer Cells Labeled with Magnetic Nanocomplexes for the Treatment of Solid Tumors. <i>ACS Nano</i> , 2021, 15, 12780-12793.	14.6	36
57	Liquid chromatography/mass spectrometry-based structural analysis of new platycoside metabolites transformed by human intestinal bacteria. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 51, 202-209.	2.8	35
58	Combining metabolic fingerprinting and footprinting to understand the phenotypic response of HPV16 E6 expressing cervical carcinoma cells exposed to the HIV anti-viral drug lopinavir. <i>Analyst, The</i> , 2010, 135, 1235.	3.5	35
59	Dynamic nanoassemblies of nanomaterials for cancer photomedicine. <i>Advanced Drug Delivery Reviews</i> , 2021, 177, 113954.	13.7	35
60	Waist Circumference, Not Body Mass Index, Is Associated with Renal Function Decline in Korean Population: Hallym Aging Study. <i>PLoS ONE</i> , 2013, 8, e59071.	2.5	34
61	Chimeric cytochromes P450 engineered by domain swapping and random mutagenesis for producing human metabolites of drugs. <i>Biotechnology and Bioengineering</i> , 2014, 111, 1313-1322.	3.3	34
62	Benzoxaborole treatment perturbs S-adenosyl-L-methionine metabolism in <i>Trypanosoma brucei</i> . <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006450.	3.0	33
63	Combination of Irreversible Electroporation and STING Agonist for Effective Cancer Immunotherapy. <i>Cancers</i> , 2020, 12, 3123.	3.7	33
64	Improved shim method based on the minimization of the maximum off-resonance frequency for balanced steady-state free precession (bSSFP). <i>Magnetic Resonance in Medicine</i> , 2009, 61, 1500-1506.	3.0	32
65	A novel adenoviral vector labeled with superparamagnetic iron oxide nanoparticles for real-time tracking of viral delivery. <i>Journal of Clinical Neuroscience</i> , 2012, 19, 875-880.	1.5	32
66	Recent progress in cryoablation cancer therapy and nanoparticles mediated cryoablation. <i>Theranostics</i> , 2022, 12, 2175-2204.	10.0	32
67	Klotho, an antiaging molecule, attenuates oxidant-induced alveolar epithelial cell mtDNA damage and apoptosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 313, L16-L26.	2.9	31
68	Granulocyte-colony stimulating factor attenuates striatal degeneration with activating survival pathways in 3-nitropropionic acid model of Huntington's disease. <i>Brain Research</i> , 2008, 1194, 130-137.	2.2	29
69	Heating of Aqueous Dispersions Containing MnFe_2O_4 Nanoparticles by Radio-Frequency Magnetic Field Induction. <i>IEEE Transactions on Magnetics</i> , 2009, 45, 64-70.	2.1	29
70	Effect of ligand substituents in olefin polymerisation by half-sandwich titanium complexes containing monoanionic iminoimidazolidide ligands as MAO catalyst systems. <i>Dalton Transactions</i> , 2011, 40, 7842.	3.3	29
71	Mechanoresponsive system based on sub-micron chitosan-functionalized ferromagnetic disks. <i>Journal of Materials Chemistry</i> , 2011, 21, 8422.	6.7	29
72	Tumor Microenvironment Targeting Nano-Bio Emulsion for Synergistic Combinational X-Ray PDT with Oncolytic Bacteria Therapy. <i>Advanced Healthcare Materials</i> , 2020, 9, e1901812.	7.6	29

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73	Expansion of CD8+ T cells lacking the IL-6 receptor α chain in patients with coronary artery diseases (CAD). <i>Atherosclerosis</i> , 2016, 249, 44-51.	0.8	27
74	Synthesis of Hybrid Gold/Iron Oxide Nanoparticles in Block Copolymer Micelles for Imaging, Drug Delivery, and Magnetic Hyperthermia. <i>IEEE Transactions on Magnetics</i> , 2009, 45, 4821-4824.	2.1	26
75	Multimodality Imaging to Assess Immediate Response to Irreversible Electroporation in a Rat Liver Tumor Model. <i>Radiology</i> , 2014, 271, 721-729.	7.3	26
76	Image-Guided Cancer Nanomedicine. <i>Journal of Imaging</i> , 2018, 4, 18.	3.0	26
77	Reproducibility study of whole-brain ^1H spectroscopic imaging with automated quantification. <i>Magnetic Resonance in Medicine</i> , 2008, 60, 542-547.	3.0	25
78	Design, synthesis and cytotoxicity of chimeric erlotinib-alkylphospholipid hybrids. <i>Bioorganic Chemistry</i> , 2019, 84, 51-62.	4.1	25
79	Ginsenoside Rg ₃ Inhibits Human Kv1.4 Channel Currents by Interacting with the Lys531 Residue. <i>Molecular Pharmacology</i> , 2008, 73, 619-626.	2.3	24
80	Susceptibility of oxidative stress on red blood cells exposed to gamma rays: Hemorheological evaluation. <i>Clinical Hemorheology and Microcirculation</i> , 2008, 40, 315-324.	1.7	24
81	Nanofunctionalized Stent-Mediated Local Heat Treatment for the Suppression of Stent-Induced Tissue Hyperplasia. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 29357-29366.	8.0	24
82	Non-destructive characterisation of mesenchymal stem cell differentiation using LC-MS-based metabolite footprinting. <i>Analyst</i> , 2016, 141, 3776-3787.	3.5	23
83	Apoptotic Effects of Cordycepin Through the Extrinsic Pathway and p38 MAPK Activation in Human Glioblastoma U87MG Cells. <i>Journal of Microbiology and Biotechnology</i> , 2016, 26, 309-314.	2.1	23
84	Inhibitory Effect of Schizandrin on Passive Cutaneous Anaphylaxis Reaction and Scratching Behaviors in Mice. <i>Biological and Pharmaceutical Bulletin</i> , 2007, 30, 1153-1156.	1.4	22
85	A c(RGDfE) conjugated multi-functional nanomedicine delivery system for targeted pancreatic cancer therapy. <i>Journal of Materials Chemistry B</i> , 2015, 3, 1049-1058.	5.8	22
86	Biofunctionalized Hybrid Magnetic Gold Nanoparticles as Catalysts for Photothermal Ablation of Colorectal Liver Metastases. <i>Radiology</i> , 2017, 285, 809-819.	7.3	22
87	Janus Microcarriers for Magnetic Field-Controlled Combination Chemotherapy of Hepatocellular Carcinoma. <i>Advanced Functional Materials</i> , 2019, 29, 1901384.	14.9	22
88	Ginsenoside Rg ₃ activates human KCNQ1 K ⁺ channel currents through interacting with the K318 and V319 residues: A role of KCNE1 subunit. <i>European Journal of Pharmacology</i> , 2010, 637, 138-147.	3.5	21
89	Clinical Observation on Acute Low-Frequency Hearing Loss Without Vertigo. <i>Ear and Hearing</i> , 2013, 34, 229-235.	2.1	21
90	Determination of major UDP-glucuronosyltransferase enzymes and their genotypes responsible for 20-HETE glucuronidation. <i>Journal of Lipid Research</i> , 2014, 55, 2334-2342.	4.2	21

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91	Near-Infrared Fluorescent Endoscopic Image-Guided Photothermal Ablation Therapy of Colorectal Cancer Using Dual-Modal Gold Nanorods Targeting Tumor-Infiltrating Innate Immune Cells in a Transgenic <i>TS4 CRE/APC</i> Mouse Model. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 21353-21359.	8.0	21
92	On-demand degradable embolic microspheres for immediate restoration of blood flow during image-guided embolization procedures. <i>Biomaterials</i> , 2021, 265, 120408.	11.4	21
93	High resolution MRI for non-invasive mouse lymph node mapping. <i>Journal of Immunological Methods</i> , 2013, 400-401, 23-29.	1.4	20
94	Anti-Inflammatory Activity of <i>Schizonepeta tenuifolia</i> through the Inhibition of MAPK Phosphorylation in Mouse Peritoneal Macrophages. <i>The American Journal of Chinese Medicine</i> , 2008, 36, 1145-1158.	3.8	19
95	Microfluidic fabrication of 6-methoxyethylamino numonafide-eluting magnetic microspheres. <i>Acta Biomaterialia</i> , 2014, 10, 742-750.	8.3	19
96	Cyclin Y inhibits plasticity-induced AMPA receptor exocytosis and LTP. <i>Scientific Reports</i> , 2015, 5, 12624.	3.3	19
97	Electric Pulse Responsive Magnetic Nanoclusters Loaded with Indoleamine 2,3-Dioxygenase Inhibitor for Synergistic Immuno-Ablation Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 54415-54425.	8.0	19
98	EW-7197 eluting nano-fiber covered self-expandable metallic stent to prevent granulation tissue formation in a canine urethral model. <i>PLoS ONE</i> , 2018, 13, e0192430.	2.5	19
99	Amelioration of trinitrobenzene sulfonic acid-induced colitis in mice by liquiritigenin. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2015, 30, 858-865.	2.8	18
100	Sirolimus-eluting Biodegradable Poly-L-lactic Acid Stent to Suppress Granulation Tissue Formation in the Rat Urethra. <i>Radiology</i> , 2018, 286, 140-148.	7.3	18
101	Metallic Stent Mesh Coated with Silver Nanoparticles Suppresses Stent-Induced Tissue Hyperplasia and Biliary Sludge in the Rabbit Extrahepatic Bile Duct. <i>Pharmaceutics</i> , 2020, 12, 563.	4.5	17
102	Recent Advances to Augment NK Cell Cancer Immunotherapy Using Nanoparticles. <i>Pharmaceutics</i> , 2021, 13, 525.	4.5	17
103	Measuring Fractional Anisotropy of the Corpus Callosum Using Diffusion Tensor Imaging: Mid-Sagittal versus Axial Imaging Planes. <i>Korean Journal of Radiology</i> , 2008, 9, 391.	3.4	16
104	Development and Validation of Sorafenib-eluting Microspheres to Enhance Therapeutic Efficacy of Transcatheter Arterial Chemoembolization in a Rat Model of Hepatocellular Carcinoma. <i>Radiology Imaging Cancer</i> , 2021, 3, e200006.	1.6	16
105	A large-scale replication study for the association of rs17039192 in HIF1 α with knee osteoarthritis. <i>Journal of Orthopaedic Research</i> , 2012, 30, 1244-1248.	2.3	14
106	Effect of acute and short-term dietary fat ingestion on postprandial skeletal muscle protein synthesis rates in middle-aged, overweight, and obese men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 318, E417-E429.	3.5	14
107	Activation of de Novo Synthetic Pathway of Ceramides is Responsible for the Initiation of Hydrogen Peroxide-induced Apoptosis in HI-60 Cells. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2007, 70, 1310-1318.	2.3	13
108	Development and validation of a sensitive LC-MS/MS method for the simultaneous quantitation of theophylline and its metabolites in rat plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 889-890, 44-49.	2.3	13

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109	The Effect of Ligands on FePt@Fe ₃ O ₄ Core-Shell Magnetic Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 2648-2652.	0.9	13
110	Multi-functional nanotracers for image-guided stem cell gene therapy. <i>Nanoscale</i> , 2017, 9, 4665-4676.	5.6	13
111	Photoperiodic Flower Mimicking Metallic Nanoparticles for Image-Guided Medicine Applications. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 27570-27577.	8.0	13
112	Localized and triggered release of oxaliplatin for the treatment of colorectal liver metastasis. <i>Journal of Cancer</i> , 2020, 11, 6982-6991.	2.5	13
113	Submolecular Ligand Size and Spacing for Cell Adhesion. <i>Advanced Materials</i> , 2022, 34, e2110340.	21.0	13
114	Improved detectability in pharmacokinetic study of tibolone by gas chromatography-high resolution mass spectrometry with selected ion monitoring. <i>Talanta</i> , 2006, 70, 37-42.	5.5	12
115	Local in vivo shimming using adaptive passive shim positioning. <i>Magnetic Resonance Imaging</i> , 2011, 29, 401-407.	1.8	12
116	Lactic acid bacteria increase antiallergic effect of Artemisia princeps pampanini SS-1. <i>Archives of Pharmacal Research</i> , 2006, 29, 752-756.	6.3	11
117	Evaluation of Antipruritic Effects of Red Ginseng and Its Ingredients in Mice. <i>Planta Medica</i> , 2008, 74, 210-214.	1.3	11
118	Non-invasive monitoring of branched Au nanoparticle-mediated photothermal ablation. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2017, 105, 2352-2359.	3.4	11
119	Local Heat Treatment for Suppressing Gastroduodenal Stent-Induced Tissue Hyperplasia Using Nanofunctionalized Self-Expandable Metallic Stent in Rat Gastric Outlet Model. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 2450-2458.	5.2	11
120	Yttrium-90 Radioembolization to the Prostate Gland: Proof of Concept in a Canine Model and Clinical Translation. <i>Journal of Vascular and Interventional Radiology</i> , 2021, 32, 1103-1112.e12.	0.5	11
121	Receptor-Level Proximity and Fastening of Ligands Modulates Stem Cell Differentiation. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	11
122	A simple pharmacokinetic model of alendronate developed using plasma concentration and urine excretion data from healthy men. <i>Drug Development and Industrial Pharmacy</i> , 2014, 40, 1325-1329.	2.0	10
123	A metabolomics investigation into the effects of HIV protease inhibitors on HPV16 E6 expressing cervical carcinoma cells. <i>Molecular BioSystems</i> , 2014, 10, 398-411.	2.9	10
124	Gallstone-Formation-Inspired Bimetallic Supra-nanostructures for Computed-Tomography-Image-Guided Radiation Therapy. <i>ACS Applied Nano Materials</i> , 2018, 1, 4602-4611.	5.0	10
125	Iron-Oxide Nanocluster Labeling of Clostridium novyi-NT Spores for MR Imaging-Monitored Locoregional Delivery to Liver Tumors in Rat and Rabbit Models. <i>Journal of Vascular and Interventional Radiology</i> , 2019, 30, 1106-1115.e1.	0.5	10
126	Synthesis of iron oxide nanocube patched Janus magnetic nanocarriers for cancer therapeutic applications. <i>Chemical Communications</i> , 2020, 56, 8810-8813.	4.1	10

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127	Synthesis of Ba-ferrite microspheres doped with Sr for thermoseeds in hyperthermia. <i>Journal of Materials Science</i> , 2004, 39, 6847-6850.	3.7	9
128	Biodistribution of chitosan-based magnetite suspensions for targeted hyperthermia in ICR mice. <i>IEEE Transactions on Magnetics</i> , 2005, 41, 4158-4160.	2.1	9
129	<i>Scrophularia buergeriana</i> regulates cytokine production in vitro. <i>Immunopharmacology and Immunotoxicology</i> , 2009, 31, 246-252.	2.4	9
130	Serum Deprivation-Induced Human GM3 Synthase (hST3Gal V) Gene Expression Is Mediated by Runx2 in Human Osteoblastic MG-63 Cells. <i>International Journal of Molecular Sciences</i> , 2016, 17, 35.	4.1	9
131	Photothermal therapy via a gold nanoparticle-coated stent for treating stent-induced granulation tissue formation in the rat esophagus. <i>Scientific Reports</i> , 2021, 11, 10558.	3.3	9
132	The metabolism and excretion of 2-methylaminoethoxycarbonyl-4,4'-dimethoxy-5,6,6'-dimethylenedioxybiphenyl-2-carboxylic acid (DDMS) in rats and human. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 1981-1988.		8
133	Hwanggunchungyitang Prevents Cadmium-Induced Ototoxicity through Suppression of the Activation of Caspase-9 and Extracellular Signal-Related Kinase in Auditory HEI-OC1 Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2009, 32, 213-219.	1.4	8
134	Inhibitory Effects of Deoxy podophyllotoxin from <i>Anthriscus sylvestris</i> on Human CYP2C9 and CYP3A4. <i>Planta Medica</i> , 2010, 76, 701-704.	1.3	8
135	Magneto mitochondrial dysfunction mediated cancer cell death using intracellular magnetic nano-transducers. <i>Biomaterials Science</i> , 2021, 9, 5497-5507.	5.4	8
136	Synthesis and Performance of Magnetic Composite Comprising Barium Ferrite and Biopolymer. <i>IEEE Transactions on Magnetics</i> , 2004, 40, 2961-2963.	2.1	8
137	Glomangiopericytoma and glomus tumor of the sinonasal tract: A report of two cases with emphasis on the differential diagnosis. <i>Pathology International</i> , 2016, 66, 348-350.	1.3	7
138	Characterization of fimasartan metabolites in human liver microsomes and human plasma. <i>Xenobiotica</i> , 2016, 46, 40-51.	1.1	7
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