

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	Recent progress in cryoablation cancer therapy and nanoparticles mediated cryoablation. <i>Theranostics</i> , 2022, 12, 2175-2204.	10.0	32
2	Receptorâ€Level Proximity and Fastening of Ligands Modulates Stem Cell Differentiation. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	11
3	Combination of interventional oncology local therapies and immunotherapy for the treatment of hepatocellular carcinoma. <i>Journal of Liver Cancer</i> , 2022, 22, 93-102.	1.1	6
4	Submolecular Ligand Size and Spacing for Cell Adhesion. <i>Advanced Materials</i> , 2022, 34, e2110340.	21.0	13
5	Coimmunomodulation of tumor and tumor-draining lymph nodes during in situ vaccination promotes antitumor immunity. <i>JCI Insight</i> , 2022, 7, .	5.0	3
6	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
7	Optimal Voltage and Electrical Pulse Conditions for Electrical Ablation to Induce Immunogenic Cell Death (ICD). <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 94, 225-232.	5.8	6
8	Magneto mitochondrial dysfunction mediated cancer cell death using intracellular magnetic nano-transducers. <i>Biomaterials Science</i> , 2021, 9, 5497-5507.	5.4	8
9	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
10	Recent Advances to Augment NK Cell Cancer Immunotherapy Using Nanoparticles. <i>Pharmaceutics</i> , 2021, 13, 525.	4.5	17
11	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
12	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
13	Multifunctional Nanocarriersâ€Mediated Synergistic Combination of Immune Checkpoint Inhibitor Cancer Immunotherapy and Interventional Oncology Therapy. <i>Advanced NanoBiomed Research</i> , 2021, 1, 2100010.	3.6	5
14	Yttrium-90 Radioembolization to the Prostate Gland: Proof of Concept in a Canine Model andÂClinical Translation. <i>Journal of Vascular and Interventional Radiology</i> , 2021, 32, 1103-1112.e12.	0.5	11
15	Dynamic nanoassemblies of nanomaterials for cancer photomedicine. <i>Advanced Drug Delivery Reviews</i> , 2021, 177, 113954.	13.7	35
16	Yttrium-90 Radioembolization in the VX2 Rabbit Model: Radiation Safety and Factors Influencing Delivery Efficiency. <i>Journal of Vascular and Interventional Radiology</i> , 2021, 32, 1569-1574.e11.	0.5	0
17	Localized Photothermal Ablation Therapy of Obstructive Rectal Cancer Using a Nanofunctionalized Stent in a Mouse Model. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 5890-5898.	5.2	6
18	Editorial: Bottom-Up Approach: A Route for Effective Multi-Modal Imaging of Tumors. <i>Frontiers in Oncology</i> , 2021, 11, 812472.	2.8	1

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19	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
20	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
21	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
22	Combination of Irreversible Electroporation and STING Agonist for Effective Cancer Immunotherapy. <i>Cancers</i> , 2020, 12, 3123.	3.7	33
23	Yttrium-90 Portal Vein Radioembolization in Sprague-Dawley Rats: Dose-Dependent Imaging and Pathological Changes in Normal Liver. <i>CardioVascular and Interventional Radiology</i> , 2020, 43, 1925-1935.	2.0	2
24	Sodium Cholate Bile Acid-Stabilized Ferumoxytol-Doxorubicin-Lipiodol Emulsion for Transcatheter Arterial Chemoembolization of Hepatocellular Carcinoma. <i>Journal of Vascular and Interventional Radiology</i> , 2020, 31, 1697-1705.e3.	0.5	7
25	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
26	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
27	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
28	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
29	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
30	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
31	Synthesis of iron oxide nanocube patched Janus magnetic nanocarriers for cancer therapeutic applications. <i>Chemical Communications</i> , 2020, 56, 8810-8813.	4.1	10
32	<i>In Situ</i> Vaccination in Lymphoma Using Photothermal Therapy with CpG Deoxynucleotide Coated Branched Gold Nanoparticles: Analysis of Tumor Growth and Immune Response in a Murine Xenograft Model. <i>Blood</i> , 2020, 136, 20-21.	1.4	0
33	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
34	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
35	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^{loxP468}</i> Mouse Model. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 21353-21359.	8.0	21
36	Janus Microcarriers for Magnetic Field-Controlled Combination Chemotherapy of Hepatocellular Carcinoma. <i>Advanced Functional Materials</i> , 2019, 29, 1901384.	14.9	22

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37	Interventional Nanotheranostics: Advancing Nanotechnology Applications with IR. Journal of Vascular and Interventional Radiology, 2019, 30, 1824-1829.e1.	0.5	2
38	Design, synthesis and cytotoxicity of chimeric erlotinib-alkylphospholipid hybrids. Bioorganic Chemistry, 2019, 84, 51-62.	4.1	25
39	Advanced smart-photosensitizers for more effective cancer treatment. Biomaterials Science, 2018, 6, 79-90.	5.4	82
40	Sirolimus-eluting Biodegradable Poly-L-Lactic Acid Stent to Suppress Granulation Tissue Formation in the Rat Urethra. Radiology, 2018, 286, 140-148.	7.3	18
41	Photoperiodic Flower Mimicking Metallic Nanoparticles for Image-Guided Medicine Applications. ACS Applied Materials & Interfaces, 2018, 10, 27570-27577.	8.0	13
42	Nanofunctionalized Stent-Mediated Local Heat Treatment for the Suppression of Stent-Induced Tissue Hyperplasia. ACS Applied Materials & Interfaces, 2018, 10, 29357-29366.	8.0	24
43	Image-Guided Cancer Nanomedicine. Journal of Imaging, 2018, 4, 18.	3.0	26
44	Benzoxaborole treatment perturbs S-adenosyl-L-methionine metabolism in Trypanosoma brucei. PLoS Neglected Tropical Diseases, 2018, 12, e0006450.	3.0	33
45	Gallstone-Formation-Inspired Bimetallic Supra-nanostructures for Computed-Tomography-Image-Guided Radiation Therapy. ACS Applied Nano Materials, 2018, 1, 4602-4611.	5.0	10
46	EW-7197 eluting nano-fiber covered self-expandable metallic stent to prevent granulation tissue formation in a canine urethral model. PLoS ONE, 2018, 13, e0192430.	2.5	19
47	Multi-functional nanotracers for image-guided stem cell gene therapy. Nanoscale, 2017, 9, 4665-4676.	5.6	13
48	Tumor Visualization: Branched Gold Nanoparticle Coating of Clostridium novyi NT Spores for CT-Guided Intratumoral Injection (Small 5/2017). Small, 2017, 13, .	10.0	0
49	Immunomodulatory Magnetic Microspheres for Augmenting Tumor-Specific Infiltration of Natural Killer (NK) Cells. ACS Applied Materials & Interfaces, 2017, 9, 13819-13824.	8.0	51
50	Klotho, an antiaging molecule, attenuates oxidant-induced alveolar epithelial cell mtDNA damage and apoptosis. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 313, L16-L26.	2.9	31
51	Multimodal Magnetic Nanoclusters for Gene Delivery, Directed Migration, and Tracking of Stem Cells. Advanced Functional Materials, 2017, 27, 1700396.	14.9	36
52	Selective Coloration of Melanin Nanospheres through Resonant Mie Scattering. Advanced Materials, 2017, 29, 1700256.	21.0	54
53	Silica-Coated Metal Chelating-Melanin Nanoparticles as a Dual-Modal Contrast Enhancement Imaging and Therapeutic Agent. ACS Applied Materials & Interfaces, 2017, 9, 101-111.	8.0	69
54	Biofunctionalized Hybrid Magnetic Gold Nanoparticles as Catalysts for Photothermal Ablation of Colorectal Liver Metastases. Radiology, 2017, 285, 809-819.	7.3	22

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55	Branched Gold Nanoparticle Coating of <i>Clostridium novyi</i> NT Spores for CT-Guided Intratumoral Injection. <i>Small</i> , 2017, 13, 1602722.	10.0	44
56	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
57	Serum Deprivation-Induced Human GM3 Synthase (hST3Gal V) Gene Expression Is Mediated by Runx2 in Human Osteoblastic MC-63 Cells. <i>International Journal of Molecular Sciences</i> , 2016, 17, 35.	4.1	9
58	Multimodal Imaging of Nanocomposite Microspheres for Transcatheter Intra-Arterial Drug Delivery to Liver Tumors. <i>Scientific Reports</i> , 2016, 6, 29653.	3.3	37
59	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
60	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
61	Non-destructive characterisation of mesenchymal stem cell differentiation using LC-MS-based metabolite footprinting. <i>Analyst</i> , 2016, 141, 3776-3787.	3.5	23
62	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
63	Targeted multimodal nano-reporters for pre-procedural MRI and intra-operative image-guidance. <i>Biomaterials</i> , 2016, 109, 69-77.	11.4	40
64	Intermolecular Structural Change for Thermoswitchable Polymeric Photosensitizer. <i>Journal of the American Chemical Society</i> , 2016, 138, 10734-10737.	13.7	58
65	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
66	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
67	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
68	Characterization of fimasartan metabolites in human liver microsomes and human plasma. <i>Xenobiotica</i> , 2016, 46, 40-51.	1.1	7
69	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
70	Nanocomposite Carriers for Transarterial Chemoembolization of Liver Cancer. <i>Interventional Oncology</i> 360, 2016, 4, E173-E182.	0.0	1
71	Cyclin Y inhibits plasticity-induced AMPA receptor exocytosis and LTP. <i>Scientific Reports</i> , 2015, 5, 12624.	3.3	19
72	MRI Visible Drug Eluting Magnetic Microspheres for Transcatheter Intra-Arterial Delivery to Liver Tumors. <i>Theranostics</i> , 2015, 5, 477-488.	10.0	61

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73	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
74	What role can metabolomics play in the discovery and development of new medicines for infectious diseases?. <i>Bioanalysis</i> , 2015, 7, 629-631.	1.5	6
75	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
76	Deoxycholate bile acid directed synthesis of branched Au nanostructures for near infrared photothermal ablation. <i>Biomaterials</i> , 2015, 56, 154-164.	11.4	44
77	Tau Phosphorylation at Serine 396 Residue Is Required for Hippocampal LTD. <i>Journal of Neuroscience</i> , 2015, 35, 4804-4812.	3.6	163
78	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
79	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
80	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
81	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
82	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
83	Temperature-Sensitive Magnetic Drug Carriers for Concurrent Gemcitabine Chemohyperthermia. <i>Advanced Healthcare Materials</i> , 2014, 3, 714-724.	7.6	54
84	Microfluidic fabrication of 6-methoxyethylamino numonafide-eluting magnetic microspheres. <i>Acta Biomaterialia</i> , 2014, 10, 742-750.	8.3	19
85	Rare Individual Amyloid- β^2 Oligomers Act on Astrocytes to Initiate Neuronal Damage. <i>Biochemistry</i> , 2014, 53, 2442-2453.	2.5	83
86	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
87	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
88	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
89	The Silicon Trypanosome. <i>Advances in Microbial Physiology</i> , 2014, 64, 115-143.	2.4	5
90	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

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91	Lactobacillus plantarum CLP-0611 ameliorates colitis in mice by polarizing M1 to M2-like macrophages. <i>International Immunopharmacology</i> , 2014, 21, 186-192.	3.8	94
92	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
93	Lactobacillus brevis G101 Inhibits the Absorption of Monosodium Glutamate in Mice. <i>Journal of Microbiology and Biotechnology</i> , 2014, 24, 1592-1596.	2.1	3
94	Targeted fluorescent magnetic nanoparticles for imaging of human breast cancer. <i>International Journal of Clinical and Experimental Medicine</i> , 2014, 7, 4747-58.	1.3	6
95	Nematicidal activity of 3,4-dihydroxybenzoic acid purified from Terminalia nigrovenulosa bark against Meloidogyne incognita. <i>Microbial Pathogenesis</i> , 2013, 59-60, 52-59.	2.9	50
96	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
97	High resolution MRI for non-invasive mouse lymph node mapping. <i>Journal of Immunological Methods</i> , 2013, 400-401, 23-29.	1.4	20
98	Stimuli-Responsive Magnetic Nanomicelles as Multifunctional Heat and Cargo Delivery Vehicles. <i>Langmuir</i> , 2013, 29, 7425-7432.	3.5	112
99	Metabolomics Guides Rational Development of a Simplified Cell Culture Medium for Drug Screening against Trypanosoma brucei. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 2768-2779.	3.2	88
100	Clinical Observation on Acute Low-Frequency Hearing Loss Without Vertigo. <i>Ear and Hearing</i> , 2013, 34, 229-235.	2.1	21
101	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</i> , The, 2013, 347, f5446-f5446.	6.0	239
102	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
103	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
104	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
105	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
106	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
107	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
108	Mechanoresponsive system based on sub-micron chitosan-functionalized ferromagnetic disks. <i>Journal of Materials Chemistry</i> , 2011, 21, 8422.	6.7	29

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109	Inhibition of <i>Helicobacter pylori</i> adhesion to Kato III cells by intact and low molecular weight acharan sulfate. <i>Glycoconjugate Journal</i> , 2011, 28, 411-418.	2.7	6
110	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
111	Local in vivo shimming using adaptive passive shim positioning. <i>Magnetic Resonance Imaging</i> , 2011, 29, 401-407.	1.8	12
112	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
113	Ginsenoside Rg3 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
114	Biofunctionalized magnetic-vortex microdiscs for targeted cancer-cell destruction. <i>Nature Materials</i> , 2010, 9, 165-171.	27.5	507
115	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
116	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
117	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
118	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
119	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
120	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</i> , The, 2010, 135, 1235.	3.5	35
121	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
122	<i>Scrophularia buergeriana</i> regulates cytokine production in vitro. <i>Immunopharmacology and Immunotoxicology</i> , 2009, 31, 246-252.	2.4	9
123	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
124	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
125	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
126	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

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127	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
128	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
129	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
130	Analysis of PARK genes in a Korean cohort of early-onset Parkinson disease. <i>Neurogenetics</i> , 2008, 9, 263-269.	1.4	105
131	Reproducibility study of whole-brain ^1H spectroscopic imaging with automated quantification. <i>Magnetic Resonance in Medicine</i> , 2008, 60, 542-547.	3.0	25
132	Heat generation of aqueously dispersed CoFe_2O_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
133	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
134	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
135	Ginsenoside Rg_3 Inhibits Human $\text{Kv}1.4$ Channel Currents by Interacting with the Lys531 Residue. <i>Molecular Pharmacology</i> , 2008, 73, 619-626.	2.3	24
136	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
137	Evaluation of Antipruritic Effects of Red Ginseng and Its Ingredients in Mice. <i>Planta Medica</i> , 2008, 74, 210-214.	1.3	11
138	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
139	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
140	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
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