

Jaemoon Yang

List of Publications by Year in Descending Order

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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.

137
papers

4,701
citations

34
h-index

65
g-index

150
ext. papers

5,164
ext. citations

7.1
avg, IF

5.26
L-index

#	Paper	IF	Citations
137	Peroxiredoxin 3 deficiency induces cardiac hypertrophy and dysfunction by impaired mitochondrial quality control.. <i>Redox Biology</i> , 2022 , 51, 102275	11.3	1
136	Suppression of DYRK1A/B Drives Endoplasmic Reticulum Stress-mediated Autophagic Cell Death Through Metabolic Reprogramming in Colorectal Cancer Cells.. <i>Anticancer Research</i> , 2022 , 42, 589-598	2.3	1
135	ER-associated CTRP1 regulates mitochondrial fission via interaction with DRP1. <i>Experimental and Molecular Medicine</i> , 2021 , 53, 1769-1780	12.8	1
134	Fabrication and evaluation of bilateral Helmholtz radiofrequency coil for thermo-stable breast image with reduced artifacts. <i>Journal of Applied Clinical Medical Physics</i> , 2021 , 23, e13483	2.3	1
133	Deep Generative Adversarial Networks: Applications in Musculoskeletal Imaging. <i>Radiology: Artificial Intelligence</i> , 2021 , 3, e200157	8.7	6
132	Recent Developments of ICG-Guided Sentinel Lymph Node Mapping in Oral Cancer. <i>Diagnostics</i> , 2021 , 11,	3.8	5
131	Targeting Fatty Acid Metabolism in Head and Neck Cancer. <i>Korean Journal of Otorhinolaryngology-Head and Neck Surgery</i> , 2021 , 64, 381-390	0.2	
130	Characterization of Proton-Irradiated Polyaniline Nanoparticles Using Terahertz Thermal Spectroscopy. <i>Crystals</i> , 2021 , 11, 765	2.3	2
129	Artificial intelligence in musculoskeletal ultrasound imaging. <i>Ultrasonography</i> , 2021 , 40, 30-44	4.3	5
128	Patterns of Locoregional Recurrence after Radical Cystectomy for Stage T3-4 Bladder Cancer: A Radiation Oncologist's Point of View. <i>Yonsei Medical Journal</i> , 2021 , 62, 569-576	3	0
127	Surface potential microscopy of surfactant-controlled single gold nanoparticle. <i>Nanotechnology</i> , 2020 , 31, 215706	3.4	5
126	Elimination of Unreacted Acrylate Double Bonds in the Polymer Networks of Microparticles Synthesized via Flow Lithography. <i>Langmuir</i> , 2020 , 36, 2271-2277	4	5
125	Squamous Cell Carcinoma and Lymphoma of the Oropharynx: Differentiation Using a Radiomics Approach. <i>Yonsei Medical Journal</i> , 2020 , 61, 895-900	3	3
124	Labeling-free detection of ECD-HER2 protein using aptamer-based nano-plasmonic sensor. <i>Nanotechnology</i> , 2020 , 31, 175501	3.4	3
123	Micellized Protein Transduction Domain-Bone Morphogenetic Protein-7 Efficiently Blocks Renal Fibrosis Via Inhibition of Transforming Growth Factor-Beta-Mediated Epithelial-Mesenchymal Transition. <i>Frontiers in Pharmacology</i> , 2020 , 11, 591275	5.6	5
122	Beyond EGFR inhibition: multilateral combat strategies to stop the progression of head and neck cancer. <i>Experimental and Molecular Medicine</i> , 2019 , 51, 1-14	12.8	47
121	Bandgap-controlled hollow polyaniline nanostructures synthesized by Mn-dependent nano-confined polymerization. <i>Nanoscale</i> , 2019 , 11, 2434-2438	7.7	4

120	Radiological assessment of effectiveness of soluble RAGE in attenuating Angiotensin II-induced LVH mouse model using in vivo 9.4T MRI. <i>Scientific Reports</i> , 2019 , 9, 8475	4.9	3
119	Smart Microcapsules with Molecular Polarity- and Temperature-Dependent Permeability. <i>Small</i> , 2019 , 15, e1900434	11	15
118	Effect of polydiacetylene-based nanosomes on cell viability and endocytosis. <i>Nanotechnology</i> , 2019 , 30, 245101	3.4	4
117	Antibacterial poly (3,4-ethylenedioxythiophene):poly(styrene-sulfonate)/agarose nanocomposite hydrogels with thermo-processability and self-healing. <i>Carbohydrate Polymers</i> , 2019 , 203, 26-34	10.3	36
116	High sensitive detection of copper II ions using D-penicillamine-coated gold nanorods based on localized surface plasmon resonance. <i>Nanotechnology</i> , 2018 , 29, 215501	3.4	9
115	Nanoporous Ag Films Prepared by Cluster-Source Sputtering as Substrates for Surface-Enhanced Raman Scattering. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2018 , 215, 1701010	1.6	1
114	Lithographically Designed Conical Microcarriers for Programed Release of Multiple Actives. <i>Advanced Materials Interfaces</i> , 2018 , 5, 1701163	4.6	5
113	Optimization of T2-weighted imaging for shoulder magnetic resonance arthrography by synthetic magnetic resonance imaging. <i>Acta Radiologica</i> , 2018 , 59, 959-965	2	3
112	Identifying DNA mismatches at single-nucleotide resolution by probing individual surface potentials of DNA-capped nanoparticles. <i>Nanoscale</i> , 2018 , 10, 538-547	7.7	9
111	Aptamer-Modified Magnetic Nanosensitizer for In Vivo MR Imaging of HER2-Expressing Cancer. <i>Nanoscale Research Letters</i> , 2018 , 13, 288	5	5
110	Fibroblast growth factor receptor 3-mediated reactivation of ERK signaling promotes head and neck squamous cancer cell insensitivity to MEK inhibition. <i>Cancer Science</i> , 2018 , 109, 3816-3825	6.9	5
109	Implantable Photothermal Agents based on Gold Nanorods-Encapsulated Microcube. <i>Scientific Reports</i> , 2018 , 8, 13683	4.9	13
108	Microsphere-Based Nanoindentation for the Monitoring of Cellular Cortical Stiffness Regulated by MT1-MMP. <i>Small</i> , 2018 , 14, e1803000	11	3
107	Microfluidic Production of Biodegradable Microcapsules for Sustained Release of Hydrophilic Actives. <i>Small</i> , 2017 , 13, 1700646	11	44
106	Acquired resistance to BRAF inhibition induces epithelial-to-mesenchymal transition in BRAF (V600E) mutant thyroid cancer by c-Met-mediated AKT activation. <i>Oncotarget</i> , 2017 , 8, 596-609	3.3	16
105	Assessment of the patellofemoral cartilage: Correlation of knee pain score with magnetic resonance cartilage grading and magnetization transfer ratio asymmetry of glycosaminoglycan chemical exchange saturation transfer. <i>Magnetic Resonance Imaging</i> , 2017 , 35, 61-68	3.3	7
104	Synthesis and Characterization of Water-Soluble Conjugated Oligoelectrolytes for Near-Infrared Fluorescence Biological Imaging. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 15937-47	9.5	23
103	Femto-molar detection of cancer marker-protein based on immuno-nanoplasmonics at single-nanoparticle scale. <i>Nanotechnology</i> , 2016 , 27, 185103	3.4	8

102	Microfluidic Production of Uniform Microcarriers with Multicompartment through Phase Separation in Emulsion Drops. <i>Chemistry of Materials</i> , 2016 , 28, 1430-1438	9.6	59
101	Molecular Imaging of CD44-Overexpressing Gastric Cancer in Mice Using T2 MR Imaging. <i>Journal of Nanoscience and Nanotechnology</i> , 2016 , 16, 196-202	1.3	6
100	In vivo sensing of proteolytic activity with an NSET-based NIR fluorogenic nanosensor. <i>Biosensors and Bioelectronics</i> , 2016 , 77, 471-7	11.8	15
99	Effects for Sequential Treatment of siAkt and Paclitaxel on Gastric Cancer Cell Lines. <i>International Journal of Medical Sciences</i> , 2016 , 13, 708-16	3.7	4
98	Applications in Medicinal Chemistry 2016 , 99-110		1
97	Applications in Organic Chemistry 2016 , 31-97		10
96	Deuterium 2016 , 5-18		13
95	Deuterium-Labeled Compounds 2016 , 19-30		
94	Isotopes 2016 , 1-4		
93	Biomarker-specific conjugated nanopolyplexes for the active coloring of stem-like cancer cells. <i>Nanotechnology</i> , 2016 , 27, 225101	3.4	3
92	Photothermal ablation of cancer cells using self-doped polyaniline nanoparticles. <i>Nanotechnology</i> , 2016 , 27, 185104	3.4	19
91	Kelvin probe force microscopy of DNA-capped nanoparticles for single-nucleotide polymorphism detection. <i>Nanoscale</i> , 2016 , 8, 13537-44	7.7	14
90	Self-Doped Conjugated Polymeric Nanoassembly by Simplified Process for Optical Cancer Theragnosis. <i>Advanced Functional Materials</i> , 2015 , 25, 2260-2269	15.6	16
89	Metabolism in embryonic and cancer stemness. <i>Archives of Pharmacal Research</i> , 2015 , 38, 381-8	6.1	33
88	Galactosylated magnetic nanovectors for regulation of lipid metabolism based on biomarker-specific RNAi and MR imaging. <i>Nanotechnology</i> , 2015 , 26, 335101	3.4	1
87	Detection and Correction of Laterality Errors in Radiology Reports. <i>Journal of Digital Imaging</i> , 2015 , 28, 412-6	5.3	6
86	Scattering analysis of single polyaniline nanoparticles for acidic environmental sensing. <i>Sensors and Actuators B: Chemical</i> , 2015 , 218, 31-36	8.5	10
85	Metabolic stress induces a Wnt-dependent cancer stem cell-like state transition. <i>Cell Death and Disease</i> , 2015 , 6, e1805	9.8	26

84	A magnetic polyaniline nanohybrid for MR imaging and redox sensing of cancer cells. <i>Nanoscale</i> , 2015 , 7, 1661-6	7.7	13
83	Compensatory UTE/T2W Imaging of Inflammatory Vascular Wall in Hyperlipidemic Rabbits. <i>PLoS ONE</i> , 2015 , 10, e0124572	3.7	1
82	Fluorescent iodized emulsion for pre- and intraoperative sentinel lymph node imaging: validation in a preclinical model. <i>Radiology</i> , 2015 , 275, 196-204	20.5	19
81	T 2 - and T*2-weighted MRI of rat glioma using polysorbate-coated magnetic nanocrystals as a blood-pool contrast agent. <i>RSC Advances</i> , 2015 , 5, 19708-19714	3.7	1
80	Molecular recognition of proteolytic activity in metastatic cancer cells using fluorogenic gold nanoprobe. <i>Biosensors and Bioelectronics</i> , 2014 , 57, 171-8	11.8	14
79	Aptamer-conjugated gold nanorod for photothermal ablation of epidermal growth factor receptor-overexpressed epithelial cancer. <i>Journal of Biomedical Optics</i> , 2014 , 19, 051203	3.5	18
78	Study of freshly excised brain tissues using terahertz imaging. <i>Biomedical Optics Express</i> , 2014 , 5, 2837-43	3.5	108
77	Cross-linked iron oxide nanoparticles for therapeutic engineering and in vivo monitoring of mesenchymal stem cells in cerebral ischemia model. <i>Macromolecular Bioscience</i> , 2014 , 14, 380-9	5.5	9
76	Maleimidyl magnetic nanoplatform for facile molecular MRI. <i>Nanotechnology</i> , 2014 , 25, 275102	3.4	6
75	Localized surface plasmon resonance based nanobiosensor for biomarker detection of invasive cancer cells. <i>Journal of Biomedical Optics</i> , 2014 , 19, 051202	3.5	24
74	Carbon Nanotube-Patterned Surface-Based Recognition of Carcinoembryonic Antigens in Tumor Cells for Cancer Diagnosis. <i>Journal of Physical Chemistry Letters</i> , 2013 , 4, 1126-30	6.4	14
73	Double-ligand modulation for engineering magnetic nanoclusters. <i>Nanoscale Research Letters</i> , 2013 , 8, 104	5	10
72	Continuous coaxial electrohydrodynamic atomization system for water-stable wrapping of magnetic nanoparticles. <i>Small</i> , 2013 , 9, 2325-30	11	6
71	Ultrafast Spin-Resolved Spectroscopy Reveals Dominant Exciton Dynamics in Conducting Polymer Polyaniline. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 20371-20375	3.8	4
70	Aptamer-modified magnetic nanoprobe for molecular MR imaging of VEGFR2 on angiogenic vasculature. <i>Nanoscale Research Letters</i> , 2013 , 8, 399	5	34
69	CD44-specific supramolecular hydrogels for fluorescence molecular imaging of stem-like gastric cancer cells. <i>Integrative Biology (United Kingdom)</i> , 2013 , 5, 669-72	3.7	17
68	Hyaluronic acid receptor-targetable imidazolized nanovectors for induction of gastric cancer cell death by RNA interference. <i>Biomaterials</i> , 2013 , 34, 4327-38	15.6	33
67	Redox-sensitive colorimetric polyaniline nanoprobe synthesized by a solvent-shift process. <i>Nano Research</i> , 2013 , 6, 356-364	10	16

66	Galactosylated manganese ferrite nanoparticles for targeted MR imaging of asialoglycoprotein receptor. <i>Nanotechnology</i> , 2013 , 24, 475103	3.4	14
65	Molecular sensing for biomarkers of invasive cancer cells using localized surface plasmon resonance 2013 ,		1
64	Functional nanoplatforms for enhancement of chemotherapeutic index. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2013 , 13, 212-21	2.2	2
63	Anchored proteinase-targetable optomagnetic nanoprobres for molecular imaging of invasive cancer cells. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 945-8	16.4	41
62	Effect of Ligand Structure on MnO Nanoparticles for Enhanced T1 Magnetic Resonance Imaging of Inflammatory Macrophages. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 5960-5965	2.3	14
61	Nanomechanical actuation driven by light-induced DNA fuel. <i>Chemical Communications</i> , 2012 , 48, 955-7	5.8	18
60	Role of surface charge in cytotoxicity of charged manganese ferrite nanoparticles towards macrophages. <i>Nanotechnology</i> , 2012 , 23, 505702	3.4	25
59	Consecutive targetable smart nanoprobe for molecular recognition of cytoplasmic microRNA in metastatic breast cancer. <i>ACS Nano</i> , 2012 , 6, 8525-35	16.7	74
58	The work function of doped polyaniline nanoparticles observed by Kelvin probe force microscopy. <i>Nanotechnology</i> , 2012 , 23, 365705	3.4	25
57	Nanomechanical characterization of chemical interaction between gold nanoparticles and chemical functional groups. <i>Nanoscale Research Letters</i> , 2012 , 7, 608	5	21
56	Aptamer-functionalized nano-pattern based on carbon nanotube for sensitive, selective protein detection. <i>Journal of Materials Chemistry</i> , 2012 , 22, 23348		30
55	Water-stable single-walled carbon nanotubes coated by pyrenyl polyethylene glycol for fluorescence imaging and photothermal therapy. <i>Biochip Journal</i> , 2012 , 6, 396-403	4	15
54	Highly selective CD44-specific gold nanorods for photothermal ablation of tumorigenic subpopulations generated in MCF7 mammospheres. <i>Nanotechnology</i> , 2012 , 23, 465101	3.4	17
53	Targetable gold nanorods for epithelial cancer therapy guided by near-IR absorption imaging. <i>Small</i> , 2012 , 8, 746-53	11	87
52	Anchored Proteinase-Targetable Optomagnetic Nanoprobres for Molecular Imaging of Invasive Cancer Cells. <i>Angewandte Chemie</i> , 2012 , 124, 969-972	3.6	3
51	Real-Time Quantitative Monitoring of Specific Peptide Cleavage by a Proteinase for Cancer Diagnosis. <i>Angewandte Chemie</i> , 2012 , 124, 5939-5943	3.6	4
50	Innenrücktitelbild: Real-Time Quantitative Monitoring of Specific Peptide Cleavage by a Proteinase for Cancer Diagnosis (Angew. Chem. 24/2012). <i>Angewandte Chemie</i> , 2012 , 124, 6119-6119	3.6	
49	Real-time quantitative monitoring of specific peptide cleavage by a proteinase for cancer diagnosis. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 5837-41	16.4	23

48	Inside Back Cover: Real-Time Quantitative Monitoring of Specific Peptide Cleavage by a Proteinase for Cancer Diagnosis (Angew. Chem. Int. Ed. 24/2012). <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 6015-6015	16.4	
47	Nanobiosensors Based on Localized Surface Plasmon Resonance for Biomarker Detection. <i>Journal of Nanomaterials</i> , 2012 , 2012, 1-13	3.2	64
46	Gold Nanorod-Mediated Photothermal Modulation for Localized Ablation of Cancer Cells. <i>Journal of Nanomaterials</i> , 2012 , 2012, 1-7	3.2	13
45	Single-molecule recognition of biomolecular interaction via Kelvin probe force microscopy. <i>ACS Nano</i> , 2011 , 5, 6981-90	16.7	46
44	Sensitive angiogenesis imaging of orthotopic bladder tumors in mice using a selective magnetic resonance imaging contrast agent containing VEGF121/rGel. <i>Investigative Radiology</i> , 2011 , 46, 441-9	10.1	31
43	Specific Near-IR Absorption Imaging of Glioblastomas Using Integrin-Targeting Gold Nanorods. <i>Advanced Functional Materials</i> , 2011 , 21, 1082-1088	15.6	59
42	pH-triggered drug-releasing magnetic nanoparticles for cancer therapy guided by molecular imaging by MRI. <i>Advanced Materials</i> , 2011 , 23, 2436-42	24	174
41	Convertible Organic Nanoparticles for Near-Infrared Photothermal Ablation of Cancer Cells. <i>Angewandte Chemie</i> , 2011 , 123, 461-464	3.6	54
40	Convertible organic nanoparticles for near-infrared photothermal ablation of cancer cells. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 441-4	16.4	374
39	Ambidextrous magnetic nanovectors for synchronous gene transfection and labeling of human MSCs. <i>Biomaterials</i> , 2011 , 32, 6174-82	15.6	17
38	Gold nanostructures as photothermal therapy agent for cancer. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2011 , 11, 953-64	2.2	46
37	Terahertz pulse imaging of fresh brain tumor 2011 ,		4
36	Thiolated dextran-coated gold nanorods for photothermal ablation of inflammatory macrophages. <i>Langmuir</i> , 2010 , 26, 17520-7	4	58
35	Spatially mineralized self-assembled polymeric nanocarriers with enhanced robustness and controlled drug-releasing property. <i>Chemical Communications</i> , 2010 , 46, 377-9	5.8	89
34	Prostate cancer cell death produced by the co-delivery of Bcl-xL shRNA and doxorubicin using an aptamer-conjugated polyplex. <i>Biomaterials</i> , 2010 , 31, 4592-9	15.6	138
33	Magnetoplex based on MnFe ₂ O ₄ nanocrystals for magnetic labeling and MR imaging of human mesenchymal stem cells. <i>Journal of Nanoparticle Research</i> , 2010 , 12, 1275-1283	2.3	7
32	Synthesis of aminated polysorbate 80 for polyplex-mediated gene transfection. <i>Biotechnology Progress</i> , 2010 , 26, 1528-33	2.8	5
31	Self-assembled fluorescent magnetic nanoprobe for multimode-biomedical imaging. <i>Biomaterials</i> , 2010 , 31, 9310-9	15.6	50

30	Nanomechanical in situ monitoring of proteolysis of peptide by Cathepsin B. <i>PLoS ONE</i> , 2009 , 4, e6248	3.7	23
29	Experimental and computational characterization of biological liquid crystals: a review of single-molecule bioassays. <i>International Journal of Molecular Sciences</i> , 2009 , 10, 4009-32	6.3	15
28	Gold-layered calcium phosphate plasmonic resonants for localized photothermal treatment of human epithelial cancer. <i>Journal of Materials Chemistry</i> , 2009 , 19, 2902		12
27	Smart drug-loaded polymer gold nanoshells for systemic and localized therapy of human epithelial cancer. <i>Advanced Materials</i> , 2009 , 21, 4339-42	24	138
26	Synthesis and characterization of fluorescent magneto polymeric nanoparticles (FMPNs) for bimodal imaging probes. <i>Journal of Colloid and Interface Science</i> , 2009 , 340, 176-81	9.3	10
25	Synthesis of gold nanorod-embedded polymeric nanoparticles by a nanoprecipitation method for use as photothermal agents. <i>Nanotechnology</i> , 2009 , 20, 365602	3.4	29
24	Self-labeled magneto nanoprobe using tri-aminated polysorbate 80 for detection of human mesenchymal stem cells. <i>Journal of Materials Chemistry</i> , 2009 , 19, 8958		21
23	Multifunctional nanoparticles for combined doxorubicin and photothermal treatments. <i>ACS Nano</i> , 2009 , 3, 2919-26	16.7	308
22	Palladium(II)-catalyzed rearrangement of glycol trichloroacetimidates: application to the stereoselective synthesis of glycosyl ureas. <i>Journal of the American Chemical Society</i> , 2008 , 130, 11210-8	16.4	31
21	Nanohybrids via a polycation-based nanoemulsion method for dual-mode detection of human mesenchymal stem cells. <i>Journal of Materials Chemistry</i> , 2008 , 18, 4402		11
20	Cationic palladium(II)-catalyzed stereoselective glycosylation with glycosyl trichloroacetimidates. <i>Journal of Organic Chemistry</i> , 2008 , 73, 794-800	4.2	54
19	In situ detection of live cancer cells by using bioprobes based on Au nanoparticles. <i>Langmuir</i> , 2008 , 24, 12112-5	4	36
18	Smart nanoprobe for ultrasensitive detection of breast cancer via magnetic resonance imaging. <i>Nanotechnology</i> , 2008 , 19, 485101	3.4	18
17	Magnetic sensitivity enhanced novel fluorescent magnetic silica nanoparticles for biomedical applications. <i>Nanotechnology</i> , 2008 , 19, 075610	3.4	20
16	Multifunctional nanoparticles for photothermally controlled drug delivery and magnetic resonance imaging enhancement. <i>Small</i> , 2008 , 4, 192-6	11	147
15	Enhancement of cellular binding efficiency and cytotoxicity using polyethylene glycol base triblock copolymeric nanoparticles for targeted drug delivery. <i>Journal of Biomedical Materials Research - Part A</i> , 2008 , 84, 273-80	5.4	15
14	Multifunctional Magnetic Gold Nanocomposites: Human Epithelial Cancer Detection via Magnetic Resonance Imaging and Localized Synchronous Therapy. <i>Advanced Functional Materials</i> , 2008 , 18, 258-264	15.6	115
13	Enhancement of magnetic resonance contrast effect using ionic magnetic clusters. <i>Journal of Colloid and Interface Science</i> , 2008 , 319, 429-34	9.3	19

12	Fluorescent magnetic nanohybrids as multimodal imaging agents for human epithelial cancer detection. <i>Biomaterials</i> , 2008 , 29, 2548-55	15.6	84
11	Synthesis of water soluble PEGylated magnetic complexes using mPEG-fatty acid for biomedical applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2008 , 64, 111-7	6	21
10	Hollow silica nanocontainers as drug delivery vehicles. <i>Langmuir</i> , 2008 , 24, 3417-21	4	218
9	Palladium-catalyzed glycal imidate rearrangement: formation of alpha- and beta-N-glycosyl trichloroacetamides. <i>Organic Letters</i> , 2007 , 9, 4231-4	6.2	34
8	Antibody conjugated magnetic PLGA nanoparticles for diagnosis and treatment of breast cancer. <i>Journal of Materials Chemistry</i> , 2007 , 17, 2695		152
7	Synthesis of Ultrasensitive Magnetic Resonance Contrast Agents for Cancer Imaging Using PEG-Fatty Acid. <i>Chemistry of Materials</i> , 2007 , 19, 3870-3876	9.6	68
6	Multifunctional magneto-polymeric nanohybrids for targeted detection and synergistic therapeutic effects on breast cancer. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 8836-9	16.4	287
5	Multifunctional Magneto-Polymeric Nanohybrids for Targeted Detection and Synergistic Therapeutic Effects on Breast Cancer. <i>Angewandte Chemie</i> , 2007 , 119, 8992-8995	3.6	29
4	Retargeting of adenoviral gene delivery via Herceptin-PEG-adenovirus conjugates to breast cancer cells. <i>Journal of Controlled Release</i> , 2007 , 123, 164-71	11.7	47
3	Motions of magnetic nanosphere under the magnetic field in the rectangular microchannel. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 317, 34-40	2.8	8
2	Novel multifunctional PHDCA/PEI nano-drug carriers for simultaneous magnetically targeted cancer therapy and diagnosis via magnetic resonance imaging. <i>Nanotechnology</i> , 2007 , 18, 475105	3.4	27
1	Preparation of poly epsilon-caprolactone nanoparticles containing magnetite for magnetic drug carrier. <i>International Journal of Pharmaceutics</i> , 2006 , 324, 185-90	6.5	174