

# Yong-Min Huh

## List of Publications by Citations

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210  
papers

11,310  
citations

46  
h-index

102  
g-index

230  
ext. papers

12,418  
ext. citations

7.6  
avg, IF

5.81  
L-index

#	Paper	IF	Citations
210	Artificially engineered magnetic nanoparticles for ultra-sensitive molecular imaging. <i>Nature Medicine</i> , <b>2007</b> , 13, 95-9	50.5	1583
209	Nanoscale size effect of magnetic nanocrystals and their utilization for cancer diagnosis via magnetic resonance imaging. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 5732-3	16.4	1034
208	Nanomaterials for theranostics: recent advances and future challenges. <i>Chemical Reviews</i> , <b>2015</b> , 115, 327-94	68.1	883
207	In vivo magnetic resonance detection of cancer by using multifunctional magnetic nanocrystals. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 12387-91	16.4	768
206	Overcoming artifacts from metallic orthopedic implants at high-field-strength MR imaging and multi-detector CT. <i>Radiographics</i> , <b>2007</b> , 27, 791-803	5.4	394
205	Convertible organic nanoparticles for near-infrared photothermal ablation of cancer cells. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 441-4	16.4	374
204	Multifunctional magneto-polymeric nanohybrids for targeted detection and synergistic therapeutic effects on breast cancer. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 8836-9	16.4	287
203	Surface modulation of magnetic nanocrystals in the development of highly efficient magnetic resonance probes for intracellular labeling. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 9992-3	16.4	287
202	Hollow silica nanocontainers as drug delivery vehicles. <i>Langmuir</i> , <b>2008</b> , 24, 3417-21	4	218
201	Implantation of human umbilical cord-derived mesenchymal stem cells as a neuroprotective therapy for ischemic stroke in rats. <i>Brain Research</i> , <b>2008</b> , 1229, 233-48	3.7	179
200	pH-triggered drug-releasing magnetic nanoparticles for cancer therapy guided by molecular imaging by MRI. <i>Advanced Materials</i> , <b>2011</b> , 23, 2436-42	24	174
199	Antibody conjugated magnetic PLGA nanoparticles for diagnosis and treatment of breast cancer. <i>Journal of Materials Chemistry</i> , <b>2007</b> , 17, 2695		152
198	Smart drug-loaded polymer gold nanoshells for systemic and localized therapy of human epithelial cancer. <i>Advanced Materials</i> , <b>2009</b> , 21, 4339-42	24	138
197	Prostate cancer cell death produced by the co-delivery of Bcl-xL shRNA and doxorubicin using an aptamer-conjugated polyplex. <i>Biomaterials</i> , <b>2010</b> , 31, 4592-9	15.6	138
196	Nanoparticle-enabled terahertz imaging for cancer diagnosis. <i>Optics Express</i> , <b>2009</b> , 17, 3469-75	3.3	127
195	Urchin-shaped manganese oxide nanoparticles as pH-responsive activatable T1 contrast agents for magnetic resonance imaging. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 10589-93	16.4	126
194	Multifunctional Magnetic Gold Nanocomposites: Human Epithelial Cancer Detection via Magnetic Resonance Imaging and Localized Synchronous Therapy. <i>Advanced Functional Materials</i> , <b>2008</b> , 18, 258-264	15.6	115

193	Predictive test for chemotherapy response in resectable gastric cancer: a multi-cohort, retrospective analysis. <i>Lancet Oncology, The</i> , <b>2018</b> , 19, 629-638	21.7	108
192	Study of freshly excised brain tissues using terahertz imaging. <i>Biomedical Optics Express</i> , <b>2014</b> , 5, 2837-43	3.5	108
191	Hyaluronan-modified magnetic nanoclusters for detection of CD44-overexpressing breast cancer by MR imaging. <i>Biomaterials</i> , <b>2011</b> , 32, 7941-50	15.6	98
190	Co-delivery of paclitaxel and gemcitabine via CD44-targeting nanocarriers as a prodrug with synergistic antitumor activity against human biliary cancer. <i>Biomaterials</i> , <b>2015</b> , 53, 763-74	15.6	97
189	Role of magnetic resonance imaging in entrapment and compressive neuropathy--what, where, and how to see the peripheral nerves on the musculoskeletal magnetic resonance image: part 2. Upper extremity. <i>European Radiology</i> , <b>2007</b> , 17, 509-22	8	90
188	Targetable gold nanorods for epithelial cancer therapy guided by near-IR absorption imaging. <i>Small</i> , <b>2012</b> , 8, 746-53	11	87
187	Fluorescent magnetic nanohybrids as multimodal imaging agents for human epithelial cancer detection. <i>Biomaterials</i> , <b>2008</b> , 29, 2548-55	15.6	84
186	Consecutive targetable smart nanoprobe for molecular recognition of cytoplasmic microRNA in metastatic breast cancer. <i>ACS Nano</i> , <b>2012</b> , 6, 8525-35	16.7	74
185	Delivery of cancer therapeutics using nanotechnology. <i>Pharmaceutics</i> , <b>2013</b> , 5, 294-317	6.4	74
184	Role of magnetic resonance imaging in entrapment and compressive neuropathy - what, where, and how to see the peripheral nerves on the musculoskeletal magnetic resonance image: part 1. Overview and lower extremity. <i>European Radiology</i> , <b>2007</b> , 17, 139-49	8	73
183	Molecular imaging with terahertz waves. <i>Optics Express</i> , <b>2011</b> , 19, 4009-16	3.3	72
182	Hybrid Nanoparticles for Magnetic Resonance Imaging of Target-Specific Viral Gene Delivery. <i>Advanced Materials</i> , <b>2007</b> , 19, 3109-3112	24	71
181	Synthesis of Ultrasensitive Magnetic Resonance Contrast Agents for Cancer Imaging Using PEG-Fatty Acid. <i>Chemistry of Materials</i> , <b>2007</b> , 19, 3870-3876	9.6	68
180	Nanogap-Rich Au Nanowire SERS Sensor for Ultrasensitive Telomerase Activity Detection: Application to Gastric and Breast Cancer Tissues Diagnosis. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1701832	15.6	64
179	Nanobiosensors Based on Localized Surface Plasmon Resonance for Biomarker Detection. <i>Journal of Nanomaterials</i> , <b>2012</b> , 2012, 1-13	3.2	64
178	Measurement depth enhancement in terahertz imaging of biological tissues. <i>Optics Express</i> , <b>2013</b> , 21, 21299-305	3.3	63
177	Specific Near-IR Absorption Imaging of Glioblastomas Using Integrin-Targeting Gold Nanorods. <i>Advanced Functional Materials</i> , <b>2011</b> , 21, 1082-1088	15.6	59
176	Novel hyaluronic acid (HA) coated drug carriers (HCDCs) for human breast cancer treatment. <i>Biotechnology and Bioengineering</i> , <b>2008</b> , 99, 442-54	4.9	59

175	Thiolated dextran-coated gold nanorods for photothermal ablation of inflammatory macrophages. <i>Langmuir</i> , <b>2010</b> , 26, 17520-7	4	58
174	Chitosan-based intelligent theragnosis nanocomposites enable pH-sensitive drug release with MR-guided imaging for cancer therapy. <i>Nanoscale Research Letters</i> , <b>2013</b> , 8, 467	5	56
173	Convertible Organic Nanoparticles for Near-Infrared Photothermal Ablation of Cancer Cells. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 461-464	3.6	54
172	Polyunsaturated fatty acid biosynthesis pathway determines ferroptosis sensitivity in gastric cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 32433-32442	11.5	54
171	Nanovesicle-mediated systemic delivery of microRNA-34a for CD44 overexpressing gastric cancer stem cell therapy. <i>Biomaterials</i> , <b>2016</b> , 105, 12-24	15.6	52
170	Self-assembled fluorescent magnetic nanoprobe for multimode-biomedical imaging. <i>Biomaterials</i> , <b>2010</b> , 31, 9310-9	15.6	50
169	Morton neuroma: evaluated with ultrasonography and MR imaging. <i>Korean Journal of Radiology</i> , <b>2007</b> , 8, 148-55	6.9	49
168	Feasibility of terahertz reflectometry for discrimination of human early gastric cancers. <i>Biomedical Optics Express</i> , <b>2015</b> , 6, 1398-406	3.5	47
167	Retargeting of adenoviral gene delivery via Herceptin-PEG-adenovirus conjugates to breast cancer cells. <i>Journal of Controlled Release</i> , <b>2007</b> , 123, 164-71	11.7	47
166	Single-molecule recognition of biomolecular interaction via Kelvin probe force microscopy. <i>ACS Nano</i> , <b>2011</b> , 5, 6981-90	16.7	46
165	Gold nanostructures as photothermal therapy agent for cancer. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , <b>2011</b> , 11, 953-64	2.2	46
164	A biodegradable polymersome containing Bcl-xL siRNA and doxorubicin as a dual delivery vehicle for a synergistic anticancer effect. <i>Macromolecular Bioscience</i> , <b>2013</b> , 13, 745-54	5.5	42
163	Isolation of glioma cancer stem cells in relation to histological grades in glioma specimens. <i>Childs Nervous System</i> , <b>2013</b> , 29, 217-29	1.7	42
162	Soft tissue impingement syndrome of the ankle: diagnostic efficacy of MRI and clinical results after arthroscopic treatment. <i>Foot and Ankle International</i> , <b>2004</b> , 25, 896-902	3.3	42
161	Anchored proteinase-targetable optomagnetic nanoprobe for molecular imaging of invasive cancer cells. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 945-8	16.4	41
160	Redoxable heteronanocrystals functioning magnetic relaxation switch for activatable T1 and T2 dual-mode magnetic resonance imaging. <i>Biomaterials</i> , <b>2016</b> , 101, 121-30	15.6	40
159	Anterior-inferior labral lesions of recurrent shoulder dislocation evaluated by MR arthrography in an adduction internal rotation (ADIR) position. <i>Journal of Magnetic Resonance Imaging</i> , <b>2006</b> , 23, 29-35	5.6	38
158	Chronic tibiofibular syndesmosis injury of ankle: evaluation with contrast-enhanced fat-suppressed 3D fast spoiled gradient-recalled acquisition in the steady state MR imaging. <i>Radiology</i> , <b>2007</b> , 242, 225-35	20.5	38

157	In situ detection of live cancer cells by using bioprobes based on Au nanoparticles. <i>Langmuir</i> , <b>2008</b> , 24, 12112-5	4	36
156	In vivo MR imaging of tissue-engineered human mesenchymal stem cells transplanted to mouse: a preliminary study. <i>Annals of Biomedical Engineering</i> , <b>2007</b> , 35, 101-8	4.7	36
155	Aptamer-modified magnetic nanoprobe for molecular MR imaging of VEGFR2 on angiogenic vasculature. <i>Nanoscale Research Letters</i> , <b>2013</b> , 8, 399	5	34
154	Gadolinium-enriched polyaniline particles (GPAPs) for simultaneous diagnostic imaging and localized photothermal therapy of epithelial cancer. <i>Advanced Healthcare Materials</i> , <b>2014</b> , 3, 1408-14	10.1	33
153	Magnetic nanocomplexes and the physiological challenges associated with their use for cancer imaging and therapy. <i>Journal of Materials Chemistry B</i> , <b>2013</b> , 1, 729-739	7.3	33
152	Hyaluronic acid receptor-targetable imidazolized nanovectors for induction of gastric cancer cell death by RNA interference. <i>Biomaterials</i> , <b>2013</b> , 34, 4327-38	15.6	33
151	Efficient CD44-targeted magnetic resonance imaging (MRI) of breast cancer cells using hyaluronic acid (HA)-modified MnFe <sub>2</sub> O <sub>4</sub> nanocrystals. <i>Nanoscale Research Letters</i> , <b>2013</b> , 8, 149	5	31
150	A highly crystalline manganese-doped iron oxide nanocontainer with predesigned void volume and shape for theranostic applications. <i>Advanced Materials</i> , <b>2013</b> , 25, 3202-8	24	31
149	Characterization of blood using terahertz waves. <i>Journal of Biomedical Optics</i> , <b>2013</b> , 18, 107008	3.5	31
148	Sensitive angiogenesis imaging of orthotopic bladder tumors in mice using a selective magnetic resonance imaging contrast agent containing VEGF121/rGel. <i>Investigative Radiology</i> , <b>2011</b> , 46, 441-9	10.1	31
147	Synovitis and soft tissue impingement of the ankle: assessment with enhanced three-dimensional FSPGR MR imaging. <i>Journal of Magnetic Resonance Imaging</i> , <b>2004</b> , 19, 108-16	5.6	31
146	Coenzyme Q10 restores amyloid beta-inhibited proliferation of neural stem cells by activating the PI3K pathway. <i>Stem Cells and Development</i> , <b>2013</b> , 22, 2112-20	4.4	30
145	Br-Assisted Ostwald Ripening of Au Nanoparticles under H <sub>2</sub> O <sub>2</sub> Redox. <i>Crystal Growth and Design</i> , <b>2012</b> , 12, 37-39	3.5	30
144	Effectively enhanced sensitivity of a polyaniline-carbon nanotube composite thin film bolometric near-infrared sensor. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 3215		29
143	Dextran-coated magnetic nanoclusters as highly sensitive contrast agents for magnetic resonance imaging of inflammatory macrophages. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 12473		29
142	Synthesis of gold nanorod-embedded polymeric nanoparticles by a nanoprecipitation method for use as photothermal agents. <i>Nanotechnology</i> , <b>2009</b> , 20, 365602	3.4	29
141	Multifunctional Magneto-Polymeric Nanohybrids for Targeted Detection and Synergistic Therapeutic Effects on Breast Cancer. <i>Angewandte Chemie</i> , <b>2007</b> , 119, 8992-8995	3.6	29
140	Deconvolution of diffuse gastric cancer and the suppression of CD34 on the BALB/c nude mice model. <i>BMC Cancer</i> , <b>2020</b> , 20, 314	4.8	29

139	Discrimination of single nucleotide mismatches using a scalable, flexible, and transparent three-dimensional nanostructure-based plasmonic miRNA sensor with high sensitivity. <i>Biosensors and Bioelectronics</i> , <b>2018</b> , 113, 39-45	11.8	28
138	Cancer Diagnosis by Terahertz Molecular Imaging Technique. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , <b>2012</b> , 33, 74-81	2.2	27
137	Aptamer-conjugated magnetic nanoparticles enable efficient targeted detection of integrin $\alpha_5\beta_1$ via magnetic resonance imaging. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2014</b> , 102, 49-59	5.4	27
136	Novel multifunctional PHDCA/PEI nano-drug carriers for simultaneous magnetically targeted cancer therapy and diagnosis via magnetic resonance imaging. <i>Nanotechnology</i> , <b>2007</b> , 18, 475105	3.4	27
135	Metabolic stress induces a Wnt-dependent cancer stem cell-like state transition. <i>Cell Death and Disease</i> , <b>2015</b> , 6, e1805	9.8	26
134	Nanograting-based plasmon enhancement for total internal reflection fluorescence microscopy of live cells. <i>Nanotechnology</i> , <b>2009</b> , 20, 015202	3.4	26
133	In vivo magnetic resonance imaging of injected mesenchymal stem cells in rat myocardial infarction; simultaneous cell tracking and left ventricular function measurement. <i>International Journal of Cardiovascular Imaging</i> , <b>2009</b> , 25 Suppl 1, 99-109	2.5	26
132	Sensitive Plasmonic Detection of miR-10b in Biological Samples Using Enzyme-Assisted Target Recycling and Developed LSPR Probe. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 18923-18929	9.5	25
131	Increased in vivo angiogenic effect of glioma stromal mesenchymal stem-like cells on glioma cancer stem cells from patients with glioblastoma. <i>International Journal of Oncology</i> , <b>2013</b> , 42, 1754-62	4.4	25
130	Terahertz spectroscopic imaging and properties of gastrointestinal tract in a rat model. <i>Biomedical Optics Express</i> , <b>2014</b> , 5, 4162-70	3.5	25
129	Role of surface charge in cytotoxicity of charged manganese ferrite nanoparticles towards macrophages. <i>Nanotechnology</i> , <b>2012</b> , 23, 505702	3.4	25
128	Role of the inflamed synovial volume of the wrist in defining remission of rheumatoid arthritis with gadolinium-enhanced 3D-SPGR MR imaging. <i>Journal of Magnetic Resonance Imaging</i> , <b>1999</b> , 10, 202-8	5.6	25
127	Self-fabricated dextran-coated gold nanoparticles using pyrenyl dextran as a reducible stabilizer and their application as CT imaging agents for atherosclerosis. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 17518		24
126	Localized surface plasmon resonance based nanobiosensor for biomarker detection of invasive cancer cells. <i>Journal of Biomedical Optics</i> , <b>2014</b> , 19, 051202	3.5	24
125	Atorvastatin Protects NSC-34 Motor Neurons Against Oxidative Stress by Activating PI3K, ERK and Free Radical Scavenging. <i>Molecular Neurobiology</i> , <b>2016</b> , 53, 695-705	6.2	23
124	Real-time quantitative monitoring of specific peptide cleavage by a proteinase for cancer diagnosis. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 5837-41	16.4	23
123	Nanomechanical in situ monitoring of proteolysis of peptide by Cathepsin B. <i>PLoS ONE</i> , <b>2009</b> , 4, e6248	3.7	23
122	Single Patient Classifier Assay, Microsatellite Instability, and Epstein-Barr Virus Status Predict Clinical Outcomes in Stage II/III Gastric Cancer: Results from CLASSIC Trial. <i>Yonsei Medical Journal</i> , <b>2019</b> , 60, 132-139	3	22

121	Existence of glioma stroma mesenchymal stemlike cells in Korean glioma specimens. <i>Childs Nervous System</i> , <b>2013</b> , 29, 549-63	1.7	22
120	Presence of glioma stroma mesenchymal stem cells in a murine orthotopic glioma model. <i>Childs Nervous System</i> , <b>2011</b> , 27, 911-22	1.7	22
119	Fluorescence amplified sensing platforms enabling miRNA detection by self-circulation of a molecular beacon circuit. <i>Chemical Communications</i> , <b>2019</b> , 55, 3457-3460	5.8	21
118	Self-labeled magneto nanoprobes using tri-aminated polysorbate 80 for detection of human mesenchymal stem cells. <i>Journal of Materials Chemistry</i> , <b>2009</b> , 19, 8958		21
117	Synthesis of water soluble PEGylated magnetic complexes using mPEG-fatty acid for biomedical applications. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2008</b> , 64, 111-7	6	21
116	Isolation of mesenchymal stem-like cells in meningioma specimens. <i>International Journal of Oncology</i> , <b>2013</b> , 43, 1260-8	4.4	20
115	Activatable nanomaterials at the forefront of biomedical sciences. <i>Journal of Materials Chemistry</i> , <b>2010</b> , 20, 8194		20
114	Magnetic sensitivity enhanced novel fluorescent magnetic silica nanoparticles for biomedical applications. <i>Nanotechnology</i> , <b>2008</b> , 19, 075610	3.4	20
113	One-step electrochemical fabrication of vertically self-organized silver nanograss. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 4851	13	19
112	Enhancement of magnetic resonance contrast effect using ionic magnetic clusters. <i>Journal of Colloid and Interface Science</i> , <b>2008</b> , 319, 429-34	9.3	19
111	A reverse complementary multimodal imaging system to visualize microRNA9-involved neurogenesis using peptide targeting transferrin receptor-conjugated magnetic fluorescence nanoparticles. <i>Biomaterials</i> , <b>2012</b> , 33, 6456-67	15.6	18
110	Aptamer-conjugated gold nanorod for photothermal ablation of epidermal growth factor receptor-overexpressed epithelial cancer. <i>Journal of Biomedical Optics</i> , <b>2014</b> , 19, 051203	3.5	18
109	Smart nanoprobes for ultrasensitive detection of breast cancer via magnetic resonance imaging. <i>Nanotechnology</i> , <b>2008</b> , 19, 485101	3.4	18
108	Hyaluronan nanocarriers for CD44-targeted and pH-boosted aromatic drug delivery. <i>Journal of Materials Chemistry B</i> , <b>2013</b> , 1, 5686-5693	7.3	17
107	CD44-specific supramolecular hydrogels for fluorescence molecular imaging of stem-like gastric cancer cells. <i>Integrative Biology (United Kingdom)</i> , <b>2013</b> , 5, 669-72	3.7	17
106	Highly selective CD44-specific gold nanorods for photothermal ablation of tumorigenic subpopulations generated in MCF7 mammospheres. <i>Nanotechnology</i> , <b>2012</b> , 23, 465101	3.4	17
105	Ambidextrous magnetic nanovectors for synchronous gene transfection and labeling of human MSCs. <i>Biomaterials</i> , <b>2011</b> , 32, 6174-82	15.6	17
104	Terahertz Reflection-Mode Biological Imaging Based on InP HBT Source and Detector. <i>IEEE Transactions on Terahertz Science and Technology</i> , <b>2017</b> , 7, 274-283	3.4	16

103	Self-Doped Conjugated Polymeric Nanoassembly by Simplified Process for Optical Cancer Theragnosis. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 2260-2269	15.6	16
102	Redox-sensitive colorimetric polyaniline nanoprobe synthesized by a solvent-shift process. <i>Nano Research</i> , <b>2013</b> , 6, 356-364	10	16
101	Tumor Mesenchymal Stem-Like Cell as a Prognostic Marker in Primary Glioblastoma. <i>Stem Cells International</i> , <b>2016</b> , 2016, 6756983	5	16
100	Prognostic value of glioma cancer stem cell isolation in survival of primary glioblastoma patients. <i>Stem Cells International</i> , <b>2014</b> , 2014, 838950	5	15
99	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> , <b>2008</b> , 84, 273-80	5.4	15
98	Intracellular translocation of superparamagnetic iron oxide nanoparticles encapsulated with peptide-conjugated poly(D,L lactide-co-glycolide). <i>Journal of Applied Physics</i> , <b>2005</b> , 97, 10Q913	2.5	15
97	Molecular recognition of proteolytic activity in metastatic cancer cells using fluorogenic gold nanoprobe. <i>Biosensors and Bioelectronics</i> , <b>2014</b> , 57, 171-8	11.8	14
96	Carbon Nanotube-Patterned Surface-Based Recognition of Carcinoembryonic Antigens in Tumor Cells for Cancer Diagnosis. <i>Journal of Physical Chemistry Letters</i> , <b>2013</b> , 4, 1126-30	6.4	14
95	Effect of Ligand Structure on MnO Nanoparticles for Enhanced T1 Magnetic Resonance Imaging of Inflammatory Macrophages. <i>European Journal of Inorganic Chemistry</i> , <b>2012</b> , 2012, 5960-5965	2.3	14
94	Galactosylated manganese ferrite nanoparticles for targeted MR imaging of asialoglycoprotein receptor. <i>Nanotechnology</i> , <b>2013</b> , 24, 475103	3.4	14
93	Failure of a patient-derived xenograft for brain tumor model prepared by implantation of tissue fragments. <i>Cancer Cell International</i> , <b>2016</b> , 16, 43	6.4	13
92	Measuring water contents in animal organ tissues using terahertz spectroscopic imaging. <i>Biomedical Optics Express</i> , <b>2018</b> , 9, 1582-1589	3.5	13
91	Magnetic nanoclusters engineered by polymer-controlled self-assembly for the accurate diagnosis of atherosclerotic plaques via magnetic resonance imaging. <i>Macromolecular Bioscience</i> , <b>2014</b> , 14, 943-52	5.5	13
90	Isolation of tumor spheres and mesenchymal stem-like cells from a single primitive neuroectodermal tumor specimen. <i>Child's Nervous System</i> , <b>2013</b> , 29, 2229-39	1.7	13
89	Anchored protease-activatable polymersomes for molecular diagnostics of metastatic cancer cells. <i>Journal of Materials Chemistry B</i> , <b>2017</b> , 5, 9571-9578	7.3	13
88	Urchin-Shaped Manganese Oxide Nanoparticles as pH-Responsive Activatable T1 Contrast Agents for Magnetic Resonance Imaging. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 10777-10781	3.6	13
87	Gold Nanorod-Mediated Photothermal Modulation for Localized Ablation of Cancer Cells. <i>Journal of Nanomaterials</i> , <b>2012</b> , 2012, 1-7	3.2	13
86	Simultaneous acquisition of perfusion and permeability from corrected relaxation rates with dynamic susceptibility contrast dual gradient echo. <i>Magnetic Resonance Imaging</i> , <b>2004</b> , 22, 307-14	3.3	13



85	The role of popliteal lymph nodes in differentiating rheumatoid arthritis from osteoarthritis by using CE 3D FSPGR MR imaging: relationship of the inflamed synovial volume. <i>Korean Journal of Radiology</i> , <b>2005</b> , 6, 117-24	6.9	13
84	Terahertz otoscope and potential for diagnosing otitis media. <i>Biomedical Optics Express</i> , <b>2016</b> , 7, 1201-9	3.5	13
83	Comparative hyperthermia effects of silica-gold nanoshells with different surface coverage of gold clusters on epithelial tumor cells. <i>International Journal of Nanomedicine</i> , <b>2015</b> , 10, 261-71	7.3	12
82	Gold-layered calcium phosphate plasmonic resonants for localized photothermal treatment of human epithelial cancer. <i>Journal of Materials Chemistry</i> , <b>2009</b> , 19, 2902		12
81	Thin-film-based sensitivity enhancement for total internal reflection fluorescence live-cell imaging. <i>Optics Letters</i> , <b>2007</b> , 32, 3062-4	3	12
80	Cancer theranosis using mono-disperse, mesoporous gold nanoparticles obtained via a robust, high-yield synthetic methodology. <i>RSC Advances</i> , <b>2016</b> , 6, 13554-13561	3.7	11
79	Modification of the TNM Staging System for Stage II/III Gastric Cancer Based on a Prognostic Single Patient Classifier Algorithm. <i>Journal of Gastric Cancer</i> , <b>2018</b> , 18, 142-151	3.2	11
78	EPiX is critical for transplanted mesenchymal stromal cell migration. <i>Stem Cells and Development</i> , <b>2012</b> , 21, 1989-99	4.4	11
77	Nanohybrids via a polycation-based nanoemulsion method for dual-mode detection of human mesenchymal stem cells. <i>Journal of Materials Chemistry</i> , <b>2008</b> , 18, 4402		11
76	Receptor tyrosine kinase amplified gastric cancer: Clinicopathologic characteristics and proposed screening algorithm. <i>Oncotarget</i> , <b>2016</b> , 7, 72099-72112	3.3	11
75	Isolation and characterization of tumorspheres from a recurrent pineoblastoma patient: Feasibility of a patient-derived xenograft. <i>International Journal of Oncology</i> , <b>2016</b> , 49, 569-78	4.4	10
74	Gadolinium-based nanoparticles for highly efficient T1-weighted magnetic resonance imaging. <i>Nanotechnology</i> , <b>2014</b> , 25, 245103	3.4	10
73	Double-ligand modulation for engineering magnetic nanoclusters. <i>Nanoscale Research Letters</i> , <b>2013</b> , 8, 104	5	10
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