Taeho Kim

List of Publications by Year in Descending Order

42 papers	4,837 citations	26 h-index	47 g-index
47 ext. papers	5,323 ext. citations	9.9 avg, IF	5.28 L-index

#	Paper	IF	Citations
42	Stress Dissipation Encoded Silk Fibroin Electrode for the Athlete-Beneficial Silk Bioelectronics.. *Advanced Science*, **2022**, e2105420	13.6	6
41	Potential Use of Exosomes as Diagnostic Biomarkers and in Targeted Drug Delivery: Progress in Clinical and Preclinical Applications. *ACS Biomaterials Science and Engineering*, **2021**, 7, 2106-2149	5.5	15
40	Nano-immunoimaging. *Nanoscale Horizons*, **2020**, 5, 628-653	10.8	16
39	Ceria-based nanotheranostic agent for rheumatoid arthritis. *Theranostics*, **2020**, 10, 11863-11880	12.1	26
38	Biodegradable Hollow Manganese Silicate Nanocomposites to Alleviate Tumor Hypoxia toward Enhanced Photodynamic Therapy.. *ACS Applied Bio Materials*, **2020**, 3, 7989-7999	4.1	2
37	Gold Nanoparticles as a Computed Tomography Marker for Stem Cell Tracking. *Methods in Molecular Biology*, **2020**, 2126, 155-166	1.4	3
36	Increasing the Efficacy of Stem Cell Therapy via Triple-Function Inorganic Nanoparticles. *ACS Nano*, **2019**, 13, 6605-6617	16.7	29
35	Development of a Trimodal Contrast Agent for Acoustic and Magnetic Particle Imaging of Stem Cells. *ACS Applied Nano Materials*, **2018**, 1, 1321-1331	5.6	51
34	A Gold/Silver Hybrid Nanoparticle for Treatment and Photoacoustic Imaging of Bacterial Infection. *ACS Nano*, **2018**, 12, 5615-5625	16.7	149
33	Size-Controlled Pd Nanoparticle Catalysts Prepared by Galvanic Displacement into a Porous Si-Iron Oxide Nanoparticle Host. *ACS Nano*, **2017**, 11, 2773-2784	16.7	56
32	Organosilica Nanoparticles with an Intrinsic Secondary Amine: An Efficient and Reusable Adsorbent for Dyes. *ACS Applied Materials & Interfaces*, **2017**, 9, 15566-15576	9.5	60
31	Biocompatible custom ceria nanoparticles against reactive oxygen species resolve acute inflammatory reaction after intracerebral hemorrhage. *Nano Research*, **2017**, 10, 2743-2760	10	26
30	Ceria-Zirconia Nanoparticles as an Enhanced Multi-Antioxidant for Sepsis Treatment. *Angewandte Chemie - International Edition*, **2017**, 56, 11399-11403	16.4	161
29	Ceria□Zirconia Nanoparticles as an Enhanced Multi-Antioxidant for Sepsis Treatment. *Angewandte Chemie*, **2017**, 129, 11557-11561	3.6	25
28	Photoacoustic Imaging of Human Mesenchymal Stem Cells Labeled with Prussian Blue-Poly(l-lysine) Nanocomplexes. *ACS Nano*, **2017**, 11, 9022-9032	16.7	84
27	In Vivo Micro-CT Imaging of Human Mesenchymal Stem Cells Labeled with Gold-Poly-L-Lysine Nanocomplexes. *Advanced Functional Materials*, **2017**, 27, 1604213	15.6	73
26	Composite Porous Silicon-Silver Nanoparticles as Theranostic Antibacterial Agents. *ACS Applied Materials & Interfaces*, **2016**, 8, 30449-30457	9.5	53

25	Iron Oxide@Polypyrrole Core–Shell Nanoparticles as the Platform for Photothermal Agent and Electrochemical Biosensor. *Journal of Nanoscience and Nanotechnology*, **2016**, 16, 6942-6948	1.3	2
24	Bioresorbable Electronic Stent Integrated with Therapeutic Nanoparticles for Endovascular Diseases. *ACS Nano*, **2015**, 9, 5937-46	16.7	158
23	Multifunctional cell-culture platform for aligned cell sheet monitoring, transfer printing, and therapy. *ACS Nano*, **2015**, 9, 2677-88	16.7	58
22	Applications of inorganic nanoparticles as therapeutic agents. *Nanotechnology*, **2014**, 25, 012001	3.4	107
21	Mesoporous silica-coated luminescent Eu3+ doped GdVO4 nanoparticles for multimodal imaging and drug delivery. *RSC Advances*, **2014**, 4, 45687-45695	3.7	26
20	Engineered collagen hydrogels for the sustained release of biomolecules and imaging agents: promoting the growth of human gingival cells. *International Journal of Nanomedicine*, **2014**, 9, 5189-201	7.3	16
19	Dual Roles of Graphene Oxide in Chondrogenic Differentiation of Adult Stem Cells: Cell-Adhesion Substrate and Growth Factor-Delivery Carrier. *Advanced Functional Materials*, **2014**, 24, 6455-6464	15.6	112
18	Magnetically separable carbon nanocomposite catalysts for efficient nitroarene reduction and Suzuki reactions. *Applied Catalysis A: General*, **2014**, 476, 133-139	5.1	67
17	Rücktitelbild: Ceria Nanoparticles that can Protect against Ischemic Stroke (Angew. Chem. 44/2012). *Angewandte Chemie*, **2012**, 124, 11334-11334	3.6	1
16	Ceria Nanoparticles that can Protect against Ischemic Stroke. *Angewandte Chemie*, **2012**, 124, 11201-11205	3.6	37
15	Ceria nanoparticles that can protect against ischemic stroke. *Angewandte Chemie - International Edition*, **2012**, 51, 11039-43	16.4	357
14	Multifunctional mesoporous silica nanocomposite nanoparticles for theranostic applications. *Accounts of Chemical Research*, **2011**, 44, 893-902	24.3	608
13	Magnetic field induced aggregation of nanoparticles for sensitive molecular detection. *Physical Chemistry Chemical Physics*, **2011**, 13, 7298-303	3.6	30
12	Mesoporous silica-coated hollow manganese oxide nanoparticles as positive T1 contrast agents for labeling and MRI tracking of adipose-derived mesenchymal stem cells. *Journal of the American Chemical Society*, **2011**, 133, 2955-61	16.4	446
11	Multimodal imaging of sustained drug release from 3-D poly(propylene fumarate) (PPF) scaffolds. *Journal of Controlled Release*, **2011**, 156, 239-45	11.7	51
10	Multifunctional Capsule-in-Capsules for Immunoprotection and Trimodal Imaging. *Angewandte Chemie*, **2011**, 123, 2365-2369	3.6	8
9	Titelbild: Multifunctional Capsule-in-Capsules for Immunoprotection and Trimodal Imaging (Angew. Chem. 10/2011). *Angewandte Chemie*, **2011**, 123, 2237-2237	3.6	1
8	Multifunctional capsule-in-capsules for immunoprotection and trimodal imaging. *Angewandte Chemie - International Edition*, **2011**, 50, 2317-21	16.4	74

7	Cover Picture: Multifunctional Capsule-in-Capsules for Immunoprotection and Trimodal Imaging (Angew. Chem. Int. Ed. 10/2011). *Angewandte Chemie - International Edition*, **2011**, 50, 2189-2189	16.4	
6	Uniform mesoporous dye-doped silica nanoparticles decorated with multiple magnetite nanocrystals for simultaneous enhanced magnetic resonance imaging, fluorescence imaging, and drug delivery. *Journal of the American Chemical Society*, **2010**, 132, 552-7	16.4	645
5	Multifunctional uniform nanoparticles composed of a magnetite nanocrystal core and a mesoporous silica shell for magnetic resonance and fluorescence imaging and for drug delivery. *Angewandte Chemie - International Edition*, **2008**, 47, 8438-41	16.4	1065
4	Inside Cover: Multifunctional Uniform Nanoparticles Composed of a Magnetite Nanocrystal Core and a Mesoporous Silica Shell for Magnetic Resonance and Fluorescence Imaging and for Drug Delivery (Angew. Chem. Int. Ed. 44/2008). *Angewandte Chemie - International Edition*, **2008**, 47, 8322-8322	16.4	2
3	Multifunctional Uniform Nanoparticles Composed of a Magnetite Nanocrystal Core and a Mesoporous Silica Shell for Magnetic Resonance and Fluorescence Imaging and for Drug Delivery. *Angewandte Chemie*, **2008**, 120, 8566-8569	3.6	127
2	Innentitelbild: Multifunctional Uniform Nanoparticles Composed of a Magnetite Nanocrystal Core and a Mesoporous Silica Shell for Magnetic Resonance and Fluorescence Imaging and for Drug Delivery (Angew. Chem. 44/2008). *Angewandte Chemie*, **2008**, 120, 8446-8446	3.6	2
1	Biomedical applications of multifunctional magnetoelectric nanoparticles.. *Materials Chemistry Frontiers*,	7.8	1