

Taeho Kim

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

5,795
citations

172207

29
h-index

253896

43
g-index

47
all docs

47
docs citations

47
times ranked

9709
citing authors

#	ARTICLE	IF	CITATIONS
1	Multifunctional Uniform Nanoparticles Composed of a Magnetite Nanocrystal Core and a Mesoporous Silica Shell for Magnetic Resonance and Fluorescence Imaging and for Drug Delivery. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8438-8441.	7.2	1,135
2	Uniform Mesoporous Dye-Doped Silica Nanoparticles Decorated with Multiple Magnetite Nanocrystals for Simultaneous Enhanced Magnetic Resonance Imaging, Fluorescence Imaging, and Drug Delivery. <i>Journal of the American Chemical Society</i> , 2010, 132, 552-557.	6.6	687
3	Multifunctional Mesoporous Silica Nanocomposite Nanoparticles for Theranostic Applications. <i>Accounts of Chemical Research</i> , 2011, 44, 893-902.	7.6	676
4	Mesoporous Silica-Coated Hollow Manganese Oxide Nanoparticles as Positive Contrast Agents for Labeling and MRI Tracking of Adipose-Derived Mesenchymal Stem Cells. <i>Journal of the American Chemical Society</i> , 2011, 133, 2955-2961.	6.6	491
5	Ceria Nanoparticles that can Protect against Ischemic Stroke. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 11039-11043.	7.2	464
6	Ceria-Zirconia Nanoparticles as an Enhanced Multi-Antioxidant for Sepsis Treatment. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11399-11403.	7.2	261
7	A Gold/Silver Hybrid Nanoparticle for Treatment and Photoacoustic Imaging of Bacterial Infection. <i>ACS Nano</i> , 2018, 12, 5615-5625.	7.3	221
8	Bioresorbable Electronic Stent Integrated with Therapeutic Nanoparticles for Endovascular Diseases. <i>ACS Nano</i> , 2015, 9, 5937-5946.	7.3	203
9	Dual Roles of Graphene Oxide in Chondrogenic Differentiation of Adult Stem Cells: Cell Adhesion Substrate and Growth Factor Delivery Carrier. <i>Advanced Functional Materials</i> , 2014, 24, 6455-6464.	7.8	138
10	Applications of inorganic nanoparticles as therapeutic agents. <i>Nanotechnology</i> , 2014, 25, 012001.	1.3	129
11	Photoacoustic Imaging of Human Mesenchymal Stem Cells Labeled with Prussian Blue-Poly(L-lysine) Nanocomplexes. <i>ACS Nano</i> , 2017, 11, 9022-9032.	7.3	110
12	In Vivo Micro-CT Imaging of Human Mesenchymal Stem Cells Labeled with Gold-Poly-L-lysine Nanocomplexes. <i>Advanced Functional Materials</i> , 2017, 27, 1604213.	7.8	95
13	Potential Use of Exosomes as Diagnostic Biomarkers and in Targeted Drug Delivery: Progress in Clinical and Preclinical Applications. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 2106-2149.	2.6	95
14	Multifunctional Capsule-in-Capsules for Immunoprotection and Trimodal Imaging. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 2317-2321.	7.2	77
15	Organosilica Nanoparticles with an Intrinsic Secondary Amine: An Efficient and Reusable Adsorbent for Dyes. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 15566-15576.	4.0	77
16	Ceria-based nanotheranostic agent for rheumatoid arthritis. <i>Theranostics</i> , 2020, 10, 11863-11880.	4.6	74
17	Magnetically separable carbon nanocomposite catalysts for efficient nitroarene reduction and Suzuki reactions. <i>Applied Catalysis A: General</i> , 2014, 476, 133-139.	2.2	73
18	Multifunctional Cell-Culture Platform for Aligned Cell Sheet Monitoring, Transfer Printing, and Therapy. <i>ACS Nano</i> , 2015, 9, 2677-2688.	7.3	72

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19	Size-Controlled Pd Nanoparticle Catalysts Prepared by Galvanic Displacement into a Porous Si-Iron Oxide Nanoparticle Host. <i>ACS Nano</i> , 2017, 11, 2773-2784.	7.3	72
20	Composite Porous Silicon@Silver Nanoparticles as Theranostic Antibacterial Agents. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 30449-30457.	4.0	70
21	Development of a Trimodal Contrast Agent for Acoustic and Magnetic Particle Imaging of Stem Cells. <i>ACS Applied Nano Materials</i> , 2018, 1, 1321-1331.	2.4	62
22	Multimodal imaging of sustained drug release from 3-D poly(propylene fumarate) (PPF) scaffolds. <i>Journal of Controlled Release</i> , 2011, 156, 239-245.	4.8	58
23	Increasing the Efficacy of Stem Cell Therapy via Triple-Function Inorganic Nanoparticles. <i>ACS Nano</i> , 2019, 13, 6605-6617.	7.3	44
24	Biocompatible custom ceria nanoparticles against reactive oxygen species resolve acute inflammatory reaction after intracerebral hemorrhage. <i>Nano Research</i> , 2017, 10, 2743-2760.	5.8	39
25	Ceria@Zirconia Nanoparticles as an Enhanced Multi-Antioxidant for Sepsis Treatment. <i>Angewandte Chemie</i> , 2017, 129, 11557-11561.	1.6	34
26	Magnetic field induced aggregation of nanoparticles for sensitive molecular detection. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 7298.	1.3	32
27	Mesoporous silica-coated luminescent Eu ³⁺ doped GdVO ₄ nanoparticles for multimodal imaging and drug delivery. <i>RSC Advances</i> , 2014, 4, 45687-45695.	1.7	31
28	Nano-immunoimaging. <i>Nanoscale Horizons</i> , 2020, 5, 628-653.	4.1	22
29	Engineered collagen hydrogels for the sustained release of biomolecules and imaging agents: promoting the growth of human gingival cells. <i>International Journal of Nanomedicine</i> , 2014, 9, 5189.	3.3	20
30	Biomedical applications of multifunctional magnetoelectric nanoparticles. <i>Materials Chemistry Frontiers</i> , 2022, 6, 1368-1390.	3.2	13
31	Stress Dissipation Encoded Silk Fibroin Electrode for the Athlete-Beneficial Silk Bioelectronics. <i>Advanced Science</i> , 2022, 9, e2105420.	5.6	11
32	Biodegradable Hollow Manganese Silicate Nanocomposites to Alleviate Tumor Hypoxia toward Enhanced Photodynamic Therapy. <i>ACS Applied Bio Materials</i> , 2020, 3, 7989-7999.	2.3	9
33	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 (<i>Angew. Chem. Int. Ed.</i> 44/2008). <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8322-8322.	7.2	4
34	Iron Oxide@Polypyrrole Core-Shell Nanoparticles as the Platform for Photothermal Agent and Electrochemical Biosensor. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 6942-6948.	0.9	4
35	Gold Nanoparticles as a Computed Tomography Marker for Stem Cell Tracking. <i>Methods in Molecular Biology</i> , 2020, 2126, 155-166.	0.4	3
36	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 (<i>Angew. Chem.</i> 44/2008). <i>Angewandte Chemie</i> , 2008, 120, 8446-8446.	1.6	2

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37	A Mouse Model of Endometriosis with Nanoparticle Labeling for In Vivo Photoacoustic Imaging. <i>Reproductive Sciences</i> , 2022, 29, 2947-2959.	1.1	1
38	Designed synthesis and assembly of uniform-sized iron oxide nanoparticles for multifunctional medical applications. , 2011, , .		0
39	Cover Picture: Multifunctional Capsule-in-Capsules for Immunoprotection and Trimodal Imaging (<i>Angew. Chem. Int. Ed.</i> 10/2011). <i>Angewandte Chemie - International Edition</i> , 2011, 50, 2189-2189.	7.2	0
40	Innentitelbild: Ceriaâ€“Zirconia Nanoparticles as an Enhanced Multiâ€“Antioxidant for Sepsis Treatment (<i>Angew. Chem.</i> 38/2017). <i>Angewandte Chemie</i> , 2017, 129, 11430-11430.	1.6	0