

Jin-Sil Choi

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

6,843
citations

331670

21
h-index

552781

26
g-index

28
all docs

28
docs citations

28
times ranked

9953
citing authors

#	ARTICLE	IF	CITATIONS
1	Hyperthermia Effect of Nanoclusters Governed by Interparticle Crystalline Structures. ACS Omega, 2021, 6, 31161-31167.	3.5	14
2	A magnetic resonance tuning sensor for the MRI detection of biological targets. Nature Protocols, 2018, 13, 2664-2684.	12.0	30
3	Cross-Linked Fluorescent Supramolecular Nanoparticles for Intradermal Controlled Release of Antifungal Drug—A Therapeutic Approach for Onychomycosis. ACS Nano, 2018, 12, 6851-6859.	14.6	19
4	Distance-dependent magnetic resonance tuning as a versatile MRI sensing platform for biological targets. Nature Materials, 2017, 16, 537-542.	27.5	125
5	Cross-Linked Fluorescent Supramolecular Nanoparticles as Finite Tattoo Pigments with Controllable Intradermal Retention Times. ACS Nano, 2017, 11, 153-162.	14.6	11
6	Pretargeted Positron Emission Tomography Imaging That Employs Supramolecular Nanoparticles with <i>in Vivo</i> Bioorthogonal Chemistry. ACS Nano, 2016, 10, 1417-1424.	14.6	60
7	A High-Throughput Platform for Formulating and Screening Multifunctional Nanoparticles Capable of Simultaneous Delivery of Genes and Transcription Factors. Angewandte Chemie - International Edition, 2016, 55, 169-173.	13.8	39
8	Supramolecular Nanosubstrate-Mediated Delivery for Reprogramming and Transdifferentiation of Mammalian Cells. Small, 2015, 11, 2499-2504.	10.0	12
9	Molecular Recognition Enables Nanosubstrate-Mediated Delivery of Gene-Encapsulated Nanoparticles with High Efficiency. ACS Nano, 2014, 8, 4621-4629.	14.6	46
10	<i>T</i> ₁ and <i>T</i> ₂ Dual-Mode MRI Contrast Agent for Enhancing Accuracy by Engineered Nanomaterials. ACS Nano, 2014, 8, 3393-3401.	14.6	195
11	Double-Effector Nanoparticles: A Synergistic Approach to Apoptotic Hyperthermia. Angewandte Chemie - International Edition, 2012, 51, 12482-12485.	13.8	82
12	Exchange-coupled magnetic nanoparticles for efficient heat induction. Nature Nanotechnology, 2011, 6, 418-422.	31.5	1,197
13	Self-Confirming AND-Logic Nanoparticles for Fault-Free MRI. Journal of the American Chemical Society, 2010, 132, 11015-11017.	13.7	270
14	Nanoparticle Assemblies as Memristors. Nano Letters, 2009, 9, 2229-2233.	9.1	158
15	A Hybrid Nanoparticle Probe for Dual-Modality Positron Emission Tomography and Magnetic Resonance Imaging. Angewandte Chemie - International Edition, 2008, 47, 6259-6262.	13.8	203
16	Nanoparticle assisted magnetic resonance imaging of the early reversible stages of amyloid β self-assembly. Chemical Communications, 2008, , 2197.	4.1	48
17	Heterostructured magnetic nanoparticles: their versatility and high performance capabilities. Chemical Communications, 2007, , 1203-1214.	4.1	259
18	Highly crystalline anisotropic superstructures via magnetic field induced nanoparticle assembly. Chemical Communications, 2007, , 5001.	4.1	46

#	ARTICLE	IF	CITATIONS
19	Biocompatible Heterostructured Nanoparticles for Multimodal Biological Detection. <i>Journal of the American Chemical Society</i> , 2006, 128, 15982-15983.	13.7	332
20	Shape Control of Semiconductor and Metal Oxide Nanocrystals through Nonhydrolytic Colloidal Routes. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 3414-3439.	13.8	1,075
21	Nanoscale Size Effect of Magnetic Nanocrystals and Their Utilization for Cancer Diagnosis via Magnetic Resonance Imaging. <i>Journal of the American Chemical Society</i> , 2005, 127, 5732-5733.	13.7	1,131
22	Symmetry-Controlled Colloidal Nanocrystals: Nonhydrolytic Chemical Synthesis and Shape Determining Parameters. <i>ChemInform</i> , 2005, 36, no.	0.0	0
23	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> , 2005, 127, 9992-9993.	13.7	299
24	In Vivo Magnetic Resonance Detection of Cancer by Using Multifunctional Magnetic Nanocrystals. <i>Journal of the American Chemical Society</i> , 2005, 127, 12387-12391.	13.7	829
25	Symmetry-Controlled Colloidal Nanocrystals: A Nonhydrolytic Chemical Synthesis and Shape Determining Parameters. <i>Journal of Physical Chemistry B</i> , 2005, 109, 14795-14806.	2.6	268