

Dokyoon Kim

List of Publications by Year in descending order

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26
papers

3,494
citations

304743

22
h-index

610901

24
g-index

28
all docs

28
docs citations

28
times ranked

5919
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural Insights into Multi-Metal Spinel Oxide Nanoparticles for Boosting Oxygen Reduction Electrocatalysis (Adv. Mater. 8/2022). Advanced Materials, 2022, 34, .	21.0	0
2	Applications of Non-Precious Transition Metal Oxide Nanoparticles in Electrochemistry. Electroanalysis, 2022, 34, 1065-1091.	2.9	17
3	Metal-free nanostructured catalysts: sustainable driving forces for organic transformations. Green Chemistry, 2021, 23, 6223-6272.	9.0	32
4	Inorganic nanoparticles with enzyme-mimetic activities for biomedical applications. Coordination Chemistry Reviews, 2020, 403, 213092.	18.8	110
5	Advances in drug delivery technology for the treatment of glioblastoma multiforme. Journal of Controlled Release, 2020, 328, 350-367.	9.9	58
6	Epitaxially Strained CeO ₂ /Mn ₃ O ₄ Nanocrystals as an Enhanced Antioxidant for Radioprotection. Advanced Materials, 2020, 32, e2001566.	21.0	79
7	Highly selective microglial uptake of ceria-zirconia nanoparticles for enhanced analgesic treatment of neuropathic pain. Nanoscale, 2019, 11, 19437-19447.	5.6	29
8	Toxicological Risk Assessments of Iron Oxide Nanocluster- and Gadolinium-Based T1MRI Contrast Agents in Renal Failure Rats. ACS Nano, 2019, 13, 6801-6812.	14.6	36
9	Ferrimagnetic Nanochains-Based Mesenchymal Stem Cell Engineering for Highly Efficient Post-Stroke Recovery. Advanced Functional Materials, 2019, 29, 1900603.	14.9	59
10	Synergistic Oxygen Generation and Reactive Oxygen Species Scavenging by Manganese Ferrite/Ceria Co-decorated Nanoparticles for Rheumatoid Arthritis Treatment. ACS Nano, 2019, 13, 3206-3217.	14.6	325
11	Magnetite/Ceria Nanoparticle Assemblies for Extracorporeal Cleansing of Amyloid- β in Alzheimer's Disease. Advanced Materials, 2019, 31, e1807965.	21.0	87
12	Large-Scale Synthesis and Medical Applications of Uniform-Sized Metal Oxide Nanoparticles. Advanced Materials, 2018, 30, e1704290.	21.0	97
13	Ceria Nanoparticle Systems for Selective Scavenging of Mitochondrial, Intracellular, and Extracellular Reactive Oxygen Species in Parkinson's Disease. Angewandte Chemie - International Edition, 2018, 57, 9408-9412.	13.8	204
14	Synthesis and Biomedical Applications of Multifunctional Nanoparticles. Advanced Materials, 2018, 30, e1802309.	21.0	216
15	Ceria Nanoparticle Systems for Selective Scavenging of Mitochondrial, Intracellular, and Extracellular Reactive Oxygen Species in Parkinson's Disease. Angewandte Chemie, 2018, 130, 9552-9556.	2.0	11
16	Ceria-Zirconia Nanoparticles as an Enhanced Multi-Antioxidant for Sepsis Treatment. Angewandte Chemie - International Edition, 2017, 56, 11399-11403.	13.8	261
17	Electrochemical Synthesis of NH ₃ at Low Temperature and Atmospheric Pressure Using a Fe_2O_3 Catalyst. ACS Sustainable Chemistry and Engineering, 2017, 5, 10986-10995.	6.7	236
18	Ceria-Zirconia Nanoparticles as an Enhanced Multi-Antioxidant for Sepsis Treatment. Angewandte Chemie, 2017, 129, 11557-11561.	2.0	34

#	ARTICLE	IF	CITATIONS
19	Multifunctional nanoparticles as a tissue adhesive and an injectable marker for image-guided procedures. <i>Nature Communications</i> , 2017, 8, 15807.	12.8	67
20	Innentitelbild: Ceria-Zirconia Nanoparticles as an Enhanced Multi-Antioxidant for Sepsis Treatment (<i>Angew. Chem.</i> 38/2017). <i>Angewandte Chemie</i> , 2017, 129, 11430-11430.	2.0	0
21	Multiplexible Wash-Free Immunoassay Using Colloidal Assemblies of Magnetic and Photoluminescent Nanoparticles. <i>ACS Nano</i> , 2017, 11, 8448-8455.	14.6	46
22	Mitochondria-Targeting Ceria Nanoparticles as Antioxidants for Alzheimer's Disease. <i>ACS Nano</i> , 2016, 10, 2860-2870.	14.6	481
23	Magnetosome-like ferrimagnetic iron oxide nanocubes for highly sensitive MRI of single cells and transplanted pancreatic islets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 2662-2667.	7.1	183
24	Synthesis of Uniform Ferrimagnetic Magnetite Nanocubes. <i>Journal of the American Chemical Society</i> , 2009, 131, 454-455.	13.7	434
25	Synthesis of Uniform Hollow Oxide Nanoparticles through Nanoscale Acid Etching. <i>Nano Letters</i> , 2008, 8, 4252-4258.	9.1	210
26	Synthesis of Hollow Iron Nanoframes. <i>Journal of the American Chemical Society</i> , 2007, 129, 5812-5813.	13.7	182