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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	Mitochondria-Targeting Ceria Nanoparticles as Antioxidants for Alzheimer's Disease. ACS Nano, 2016, 10, 2860-2870.	14.6	481
2	Synthesis of Uniform Ferrimagnetic Magnetite Nanocubes. Journal of the American Chemical Society, 2009, 131, 454-455.	13.7	434
3	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
4	Ceria-Zirconia Nanoparticles as an Enhanced Multi-Antioxidant for Sepsis Treatment. Angewandte Chemie - International Edition, 2017, 56, 11399-11403.	13.8	261
5	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
6	Synthesis and Biomedical Applications of Multifunctional Nanoparticles. Advanced Materials, 2018, 30, e1802309.	21.0	216
7	Synthesis of Uniform Hollow Oxide Nanoparticles through Nanoscale Acid Etching. Nano Letters, 2008, 8, 4252-4258.	9.1	210
8	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
9	Magnetosome-like ferrimagnetic iron oxide nanocubes for highly sensitive MRI of single cells and transplanted pancreatic islets. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 2662-2667.	7.1	183
10	Synthesis of Hollow Iron Nanoframes. Journal of the American Chemical Society, 2007, 129, 5812-5813.	13.7	182
11	Inorganic nanoparticles with enzyme-mimetic activities for biomedical applications. Coordination Chemistry Reviews, 2020, 403, 213092.	18.8	110
12	Large-scale Synthesis and Medical Applications of Uniform-sized Metal Oxide Nanoparticles. Advanced Materials, 2018, 30, e1704290.	21.0	97
13	Magnetite/Ceria Nanoparticle Assemblies for Extracorporeal Cleansing of Amyloid β in Alzheimer's Disease. Advanced Materials, 2019, 31, e1807965.	21.0	87
14	Epitaxially Strained $\text{CeO}_2/\text{Mn}_3\text{O}_4$ Nanocrystals as an Enhanced Antioxidant for Radioprotection. Advanced Materials, 2020, 32, e2001566.	21.0	79
15	Multifunctional nanoparticles as a tissue adhesive and an injectable marker for image-guided procedures. Nature Communications, 2017, 8, 15807.	12.8	67
16	Ferrimagnetic Nanochain-based Mesenchymal Stem Cell Engineering for Highly Efficient Post-stroke Recovery. Advanced Functional Materials, 2019, 29, 1900603.	14.9	59
17	Advances in drug delivery technology for the treatment of glioblastoma multiforme. Journal of Controlled Release, 2020, 328, 350-367.	9.9	58
18	Multiplexible Wash-Free Immunoassay Using Colloidal Assemblies of Magnetic and Photoluminescent Nanoparticles. ACS Nano, 2017, 11, 8448-8455.	14.6	46

#	ARTICLE	IF	CITATIONS
19	Toxicological Risk Assessments of Iron Oxide Nanocluster- and Gadolinium-Based T1MRI Contrast Agents in Renal Failure Rats. <i>ACS Nano</i> , 2019, 13, 6801-6812.	14.6	36
20	Ceriaâ€Zirconia Nanoparticles as an Enhanced Multiâ€Antioxidant for Sepsis Treatment. <i>Angewandte Chemie</i> , 2017, 129, 11557-11561.	2.0	34
21	Metal-free nanostructured catalysts: sustainable driving forces for organic transformations. <i>Green Chemistry</i> , 2021, 23, 6223-6272.	9.0	32
22	Highly selective microglial uptake of ceriaâ€zirconia nanoparticles for enhanced analgesic treatment of neuropathic pain. <i>Nanoscale</i> , 2019, 11, 19437-19447.	5.6	29
23	Applications of Nonâ€precious Transition Metal Oxide Nanoparticles in Electrochemistry. <i>Electroanalysis</i> , 2022, 34, 1065-1091.	2.9	17
24	Ceria Nanoparticle Systems for Selective Scavenging of Mitochondrial, Intracellular, and Extracellular Reactive Oxygen Species in Parkinson's Disease. <i>Angewandte Chemie</i> , 2018, 130, 9552-9556.	2.0	11
25	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.	2.0	0
26	Structural Insights into Multiâ€Metal Spinel Oxide Nanoparticles for Boosting Oxygen Reduction Electrocatalysis (<i>Adv. Mater.</i> 8/2022). <i>Advanced Materials</i> , 2022, 34, .	21.0	0