

Sang Ihn Han

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

2,072
citations

687220

13
h-index

887953

17
g-index

18
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18
docs citations

18
times ranked

3422
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly conductive, stretchable and biocompatible Ag@Au core@sheath nanowire composite for wearable and implantable bioelectronics. <i>Nature Nanotechnology</i> , 2018, 13, 1048-1056.	15.6	695
2	High-performance stretchable conductive nanocomposites: materials, processes, and device applications. <i>Chemical Society Reviews</i> , 2019, 48, 1566-1595.	18.7	400
3	Ceria Nanoparticle Systems for Selective Scavenging of Mitochondrial, Intracellular, and Extracellular Reactive Oxygen Species in Parkinson's Disease. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9408-9412.	7.2	204
4	Highly conductive and elastic nanomembrane for skin electronics. <i>Science</i> , 2021, 373, 1022-1026.	6.0	186
5	Facile and economical synthesis of hierarchical carbon-coated magnetite nanocomposite particles and their applications in lithium ion battery anodes. <i>Energy and Environmental Science</i> , 2012, 5, 9528.	15.6	111
6	Magnetically recyclable hollow nanocomposite catalysts for heterogeneous reduction of nitroarenes and Suzuki reactions. <i>Chemical Communications</i> , 2013, 49, 4779.	2.2	100
7	Epitaxially Strained CeO ₂ /Mn ₃ O ₄ Nanocrystals as an Enhanced Antioxidant for Radioprotection. <i>Advanced Materials</i> , 2020, 32, e2001566.	11.1	79
8	Multifunctional nanoparticles as a tissue adhesive and an injectable marker for image-guided procedures. <i>Nature Communications</i> , 2017, 8, 15807.	5.8	67
9	Advances in Soft Bioelectronics for Brain Research and Clinical Neuroengineering. <i>Matter</i> , 2020, 3, 1923-1947.	5.0	48
10	Multiplexible Wash-Free Immunoassay Using Colloidal Assemblies of Magnetic and Photoluminescent Nanoparticles. <i>ACS Nano</i> , 2017, 11, 8448-8455.	7.3	46
11	Stretchable Low-Impedance Nanocomposite Comprised of Ag@Au Core@Shell Nanowires and Pt Black for Epicardial Recording and Stimulation. <i>Advanced Materials Technologies</i> , 2020, 5, 1900768.	3.0	43
12	Durable and Fatigue-Resistant Soft Peripheral Neuroprosthetics for In Vivo Bidirectional Signaling. <i>Advanced Materials</i> , 2021, 33, e2007346.	11.1	37
13	Highly selective microglial uptake of ceria@zirconia nanoparticles for enhanced analgesic treatment of neuropathic pain. <i>Nanoscale</i> , 2019, 11, 19437-19447.	2.8	29
14	Facile and Scalable Synthesis of Whiskered Gold Nanosheets for Stretchable, Conductive, and Biocompatible Nanocomposites. <i>ACS Nano</i> , 2022, 16, 10431-10442.	7.3	14
15	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.	1.6	11
16	Neuroprosthetics: Durable and Fatigue-Resistant Soft Peripheral Neuroprosthetics for In Vivo Bidirectional Signaling (Adv. Mater. 20/2021). <i>Advanced Materials</i> , 2021, 33, 2170157.	11.1	1