

Ji-wook Kim

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,904
citations

933447

10
h-index

940533

16
g-index

19
all docs

19
docs citations

19
times ranked

3595
citing authors

#	ARTICLE	IF	CITATIONS
1	Exchange-coupled magnetic nanoparticles for efficient heat induction. <i>Nature Nanotechnology</i> , 2011, 6, 418-422.	31.5	1,197
2	A magnetic switch for the control of cell death signalling in in vitro and in vivo systems. <i>Nature Materials</i> , 2012, 11, 1038-1043.	27.5	208
3	A Mechanogenetic Toolkit for Interrogating Cell Signaling in Space and Time. <i>Cell</i> , 2016, 165, 1507-1518.	28.9	143
4	Magnetic Nanoparticles for Multi-Imaging and Drug Delivery. <i>Molecules and Cells</i> , 2013, 35, 274-284.	2.6	80
5	Magnetic Nanoparticles for Ultrafast Mechanical Control of Inner Ear Hair Cells. <i>ACS Nano</i> , 2014, 8, 6590-6598.	14.6	71
6	Single-cell mechanogenetics using monovalent magnetoplasmonic nanoparticles. <i>Nature Protocols</i> , 2017, 12, 1871-1889.	12.0	48
7	Design of Magnetically Labeled Cells (Mag-Cells) for in Vivo Control of Stem Cell Migration and Differentiation. <i>Nano Letters</i> , 2018, 18, 838-845.	9.1	43
8	Magnetic Nanotweezers for Interrogating Biological Processes in Space and Time. <i>Accounts of Chemical Research</i> , 2018, 51, 839-849.	15.6	41
9	Magnetic Control of Axon Navigation in Reprogrammed Neurons. <i>Nano Letters</i> , 2019, 19, 6517-6523.	9.1	22
10	Concentration-dependent oscillation of specific loss power in magnetic nanofluid hyperthermia. <i>Scientific Reports</i> , 2021, 11, 733.	3.3	19
11	Magnetic Force Nanoprobe for Direct Observation of Audio Frequency Tonotopy of Hair Cells. <i>Nano Letters</i> , 2016, 16, 3885-3891.	9.1	9
12	High-order synchronization of hair cell bundles. <i>Scientific Reports</i> , 2016, 6, 39116.	3.3	8
13	Pseudo-single domain colloidal superparamagnetic nanoparticles designed at a physiologically tolerable AC magnetic field for clinically safe hyperthermia. <i>Nanoscale</i> , 2021, 13, 19484-19492.	5.6	7
14	Reliable evaluation method of heating power of magnetic nanofluids to directly predict the tumor temperature during hyperthermia. <i>Scientific Reports</i> , 2021, 11, 22028.	3.3	4
15	Iron Oxide-Coated Dextran Nanoparticles with Efficient Renal Clearance for Musculoskeletal Magnetic Resonance Imaging. <i>ACS Applied Nano Materials</i> , 2021, 4, 12943-12948.	5.0	3
16	Pseudo single domain NiZn- $\hat{3}$ Fe ₂ O ₃ colloidal superparamagnetic nanoparticles for MRI-guided hyperthermia application. <i>Nanotechnology</i> , 2022, 33, 135701.	2.6	1
17	Heat Induction Behavior of Injected Superparamagnetic Nanofluid Interpreted by Mass and Heat Transfer for Clinical Magnetic Hyperthermia Applications. <i>IEEE Nanotechnology Magazine</i> , 2021, 20, 933-943.	2.0	0