

Yoo Sang Jeon

List of Publications by Year in descending order

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papers

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citations

759055

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docs citations

31
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Electrical resistivity evolution in electrodeposited Ru and Ru-Co nanowires. <i>Journal of Materials Science and Technology</i> , 2022, 105, 17-25.	5.6	5
2	Engineering the shape of one-dimensional metallic nanostructures via nanopore electrochemistry. <i>Nano Today</i> , 2022, 42, 101348.	6.2	4
3	Submolecular Ligand Size and Spacing for Cell Adhesion. <i>Advanced Materials</i> , 2022, 34, e2110340.	11.1	13
4	Association between Cell Microenvironment Altered by Gold Nanowire Array and Regulation of Partial Epithelialâ€Mesenchymal Transition. <i>Advanced Functional Materials</i> , 2021, 31, 2008758.	7.8	6
5	Remote Switching of Elastic Movement of Decorated Ligand Nanostructures Controls the Adhesionâ€Regulated Polarization of Host Macrophages. <i>Advanced Functional Materials</i> , 2021, 31, 2008698.	7.8	15
6	Remote Control of Timeâ€Regulated Stretching of Ligandâ€Presenting Nanocoils In Situ Regulates the Cyclic Adhesion and Differentiation of Stem Cells. <i>Advanced Materials</i> , 2021, 33, e2008353.	11.1	31
7	Magnetic Nanocoils: Remote Control of Timeâ€Regulated Stretching of Ligandâ€Presenting Nanocoils In Situ Regulates the Cyclic Adhesion and Differentiation of Stem Cells (<i>Adv. Mater.</i> 11/2021). <i>Advanced Materials</i> , 2021, 33, 2170084.	11.1	0
8	Immunoregulation of Macrophages by Controlling Winding and Unwinding of Nanohelical Ligands. <i>Advanced Functional Materials</i> , 2021, 31, 2103409.	7.8	19
9	Magnetic Control and Realâ€Time Monitoring of Stem Cell Differentiation by the Ligand Nanoassembly. <i>Small</i> , 2021, 17, e2102892.	5.2	22
10	Inorganic Hollow Nanocoils Fabricated by Controlled Interfacial Reaction and Their Electrocatalytic Properties. <i>Small</i> , 2021, 17, e2103575.	5.2	1
11	Multiâ€Component Mesocrystalline Nanoparticles with Enhanced Photocatalytic Activity. <i>Small</i> , 2020, 16, e2004696.	5.2	9
12	Large and Externally Positioned Ligand-Coated Nanopatches Facilitate the Adhesion-Dependent Regenerative Polarization of Host Macrophages. <i>Nano Letters</i> , 2020, 20, 7272-7280.	4.5	21
13	Independent Tuning of Nanoâ€Ligand Frequency and Sequences Regulates the Adhesion and Differentiation of Stem Cells. <i>Advanced Materials</i> , 2020, 32, 2004300.	11.1	30
14	Nanoâ€Ligands: Independent Tuning of Nanoâ€Ligand Frequency and Sequences Regulates the Adhesion and Differentiation of Stem Cells (<i>Adv. Mater.</i> 40/2020). <i>Advanced Materials</i> , 2020, 32, 2070299.	11.1	0
15	<i>In Situ</i> Magnetic Control of Macroscale Nanoligand Density Regulates the Adhesion and Differentiation of Stem Cells. <i>Nano Letters</i> , 2020, 20, 4188-4196.	4.5	32
16	Electrical resistivity and microstructural evolution of electrodeposited Co and Co-W nanowires. <i>Materials Characterization</i> , 2020, 166, 110451.	1.9	12
17	Composition-driven crystal structure transformation and magnetic properties of electrodeposited Coâ€W alloy nanowires. <i>Journal of Alloys and Compounds</i> , 2020, 843, 155902.	2.8	13
18	Heat-Generating Iron Oxide Multigranule Nanoclusters for Enhancing Hyperthermic Efficacy in Tumor Treatment. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 33483-33491.	4.0	30

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19	Metallic Fe@Au Barcode Nanowires as a Simultaneous T Cell Capturing and Cytokine Sensing Platform for Immunoassay at the Single-Cell Level. ACS Applied Materials & Interfaces, 2019, 11, 23901-23908.	4.0	25
20	Magnetization reversal of ferromagnetic nanosprings affected by helical shape. Nanoscale, 2018, 10, 20405-20413.	2.8	17
21	MnO ₂ Nanowire@CeO ₂ Nanoparticle Composite Catalysts for the Selective Catalytic Reduction of NO _x with NH ₃ . ACS Applied Materials & Interfaces, 2018, 10, 32112-32119.	4.0	32
22	Synthesis of Co nanotubes by nanoporous template-assisted electrodeposition via the incorporation of vanadyl ions. Chemical Communications, 2017, 53, 1825-1828.	2.2	10
23	Microstructure and Magnetic Properties of CoFe Nanowires and Helical Nanosprings. IEEE Transactions on Magnetics, 2017, 53, 1-4.	1.2	3
24	Magnetization Reversal of Self-Assembled One-Dimensional Chains of Fe ₃ O ₄ Nanoparticles. , 2016, , .		0
25	Catalytic activity of vanadium oxide catalysts prepared by electrodeposition for the selective catalytic reduction of nitrogen oxides with ammonia. Reaction Kinetics, Mechanisms and Catalysis, 2016, 118, 633-641.	0.8	3
26	Size-dependent changeover in magnetization reversal mode of self-assembled one-dimensional chains of spherical Fe ₃ O ₄ nanoparticles. Japanese Journal of Applied Physics, 2016, 55, 100303.	0.8	5
27	Synthesis of Fe Doped ZnO Nanowire Arrays that Detect Formaldehyde Gas. Journal of Nanoscience and Nanotechnology, 2016, 16, 4814-4819.	0.9	4