

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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31
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376
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	In Situ Magnetic Control of Macroscale Nanoligand Density Regulates the Adhesion and Differentiation of Stem Cells. Nano Letters, 2020, 20, 4188-4196.	4.5	32
3	Remote Control of Time-Regulated Stretching of Ligand-Presenting Nanocoils In Situ Regulates the Cyclic Adhesion and Differentiation of Stem Cells. Advanced Materials, 2021, 33, e2008353.	11.1	31
4	Independent Tuning of Nano-Ligand Frequency and Sequences Regulates the Adhesion and Differentiation of Stem Cells. Advanced Materials, 2020, 32, 2004300.	11.1	30
5	Heat-Generating Iron Oxide Multigranule Nanoclusters for Enhancing Hyperthermic Efficacy in Tumor Treatment. ACS Applied Materials & Interfaces, 2020, 12, 33483-33491.	4.0	30
6	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
7	Magnetic Control and Real-Time Monitoring of Stem Cell Differentiation by the Ligand Nanoassembly. Small, 2021, 17, e2102892.	5.2	22
8	Large and Externally Positioned Ligand-Coated Nanopatches Facilitate the Adhesion-Dependent Regenerative Polarization of Host Macrophages. Nano Letters, 2020, 20, 7272-7280.	4.5	21
9	Immunoregulation of Macrophages by Controlling Winding and Unwinding of Nanohelical Ligands. Advanced Functional Materials, 2021, 31, 2103409.	7.8	19
10	Magnetization reversal of ferromagnetic nanosprings affected by helical shape. Nanoscale, 2018, 10, 20405-20413.	2.8	17
11	Remote Switching of Elastic Movement of Decorated Ligand Nanostructures Controls the Adhesion-Regulated Polarization of Host Macrophages. Advanced Functional Materials, 2021, 31, 2008698.	7.8	15
12	Composition-driven crystal structure transformation and magnetic properties of electrodeposited Co-W alloy nanowires. Journal of Alloys and Compounds, 2020, 843, 155902.	2.8	13
13	Submolecular Ligand Size and Spacing for Cell Adhesion. Advanced Materials, 2022, 34, e2110340.	11.1	13
14	Electrical resistivity and microstructural evolution of electrodeposited Co and Co-W nanowires. Materials Characterization, 2020, 166, 110451.	1.9	12
15	Synthesis of Co nanotubes by nanoporous template-assisted electrodeposition via the incorporation of vanadyl ions. Chemical Communications, 2017, 53, 1825-1828.	2.2	10
16	Multi-Component Mesocrystalline Nanoparticles with Enhanced Photocatalytic Activity. Small, 2020, 16, e2004696.	5.2	9
17	Association between Cell Microenvironment Altered by Gold Nanowire Array and Regulation of Partial Epithelial-Mesenchymal Transition. Advanced Functional Materials, 2021, 31, 2008758.	7.8	6
18	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

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19	Electrical resistivity evolution in electrodeposited Ru and Ru-Co nanowires. Journal of Materials Science and Technology, 2022, 105, 17-25.	5.6	5
20	Synthesis of Fe Doped ZnO Nanowire Arrays that Detect Formaldehyde Gas. Journal of Nanoscience and Nanotechnology, 2016, 16, 4814-4819.	0.9	4
21	Engineering the shape of one-dimensional metallic nanostructures via nanopore electrochemistry. Nano Today, 2022, 42, 101348.	6.2	4
22	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
23	Microstructure and Magnetic Properties of CoFe Nanowires and Helical Nanosprings. IEEE Transactions on Magnetics, 2017, 53, 1-4.	1.2	3
24	Inorganic Hollow Nanocoils Fabricated by Controlled Interfacial Reaction and Their Electrocatalytic Properties. Small, 2021, 17, e2103575.	5.2	1
25	Magnetization Reversal of Self-Assembled One-Dimensional Chains of Fe ₃₀₄ Nanoparticles. , 2016, , .		0
26	Nanoâ€Ligands: Independent Tuning of Nanoâ€Ligand Frequency and Sequences Regulates the Adhesion and Differentiation of Stem Cells (Adv. Mater. 40/2020). Advanced Materials, 2020, 32, 2070299.	11.1	0
27	Magnetic Nanocoils: Remote Control of Timeâ€Regulated Stretching of Ligandâ€Presenting Nanocoils In Situ Regulates the Cyclic Adhesion and Differentiation of Stem Cells (Adv. Mater. 11/2021). Advanced Materials, 2021, 33, 2170084.	11.1	0