

Min Jun Ko

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	<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
2	Remote Control of Time-Regulated Stretching of Ligand-Presenting Nanocoils In Situ Regulates the Cyclic Adhesion and Differentiation of Stem Cells. <i>Advanced Materials</i> , 2021, 33, e2008353.	11.1	31
3	Independent Tuning of Nano-Ligand Frequency and Sequences Regulates the Adhesion and Differentiation of Stem Cells. <i>Advanced Materials</i> , 2020, 32, 2004300.	11.1	30
4	Strategy to control magnetic coercivity by elucidating crystallization pathway-dependent microstructural evolution of magnetite mesocrystals. <i>Nature Communications</i> , 2020, 11, 298.	5.8	24
5	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
6	Design of Magnetic-Plasmonic Nanoparticle Assemblies via Interface Engineering of Plasmonic Shells for Targeted Cancer Cell Imaging and Separation. <i>Small</i> , 2020, 16, e2001103.	5.2	20
7	Fluorescent detection of dipicolinic acid as a biomarker in bacterial spores employing terbium ion-coordinated magnetite nanoparticles. <i>Journal of Hazardous Materials</i> , 2021, 408, 124870.	6.5	19
8	Immunoregulation of Macrophages by Controlling Winding and Unwinding of Nanohelical Ligands. <i>Advanced Functional Materials</i> , 2021, 31, 2103409.	7.8	19
9	Receptor-Level Proximity and Fastening of Ligands Modulates Stem Cell Differentiation. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	11
10	Surface-ligand-induced crystallographic disorder-order transition in oriented attachment for the tuneable assembly of mesocrystals. <i>Nature Communications</i> , 2022, 13, 1144.	5.8	10
11	Multi-Component Mesocrystalline Nanoparticles with Enhanced Photocatalytic Activity. <i>Small</i> , 2020, 16, e2004696.	5.2	9
12	Quantitative Analysis on Cellular Uptake of Clustered Ferrite Magnetic Nanoparticles. <i>Electronic Materials Letters</i> , 2019, 15, 471-480.	1.0	6
13	Association between Cell Microenvironment Altered by Gold Nanowire Array and Regulation of Partial Epithelial-Mesenchymal Transition. <i>Advanced Functional Materials</i> , 2021, 31, 2008758.	7.8	6
14	Engineering the shape of one-dimensional metallic nanostructures via nanopore electrochemistry. <i>Nano Today</i> , 2022, 42, 101348.	6.2	4
15	Crystallographic Orientation and Microstructure-Dependent Magnetic Behaviors in Arrays of Ni Nanowires. <i>IEEE Transactions on Magnetics</i> , 2017, 53, 1-4.	1.2	2
16	Inorganic Hollow Nanocoils Fabricated by Controlled Interfacial Reaction and Their Electrocatalytic Properties. <i>Small</i> , 2021, 17, e2103575.	5.2	1
17	Nano-Ligands: Independent Tuning of Nano-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
18	Magnetic Nanocoils: Remote Control of Time-Regulated Stretching of Ligand-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