

Jounghyun Yoo

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

692
citations

1039406

9
h-index

996533

15
g-index

15
all docs

15
docs citations

15
times ranked

1283
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving the functionality of carbon nanodots: doping and surface functionalization. <i>Journal of Materials Chemistry A</i> , 2016, 4, 11582-11603.	5.2	379
2	In Vivo Photoacoustic Imaging of Livers Using Biodegradable Hyaluronic Acid-Conjugated Silica Nanoparticles. <i>Advanced Functional Materials</i> , 2018, 28, 1800941.	7.8	66
3	A multi-dye containing MOF for the ratiometric detection and simultaneous removal of Cr ²⁺ in the presence of interfering ions. <i>Sensors and Actuators B: Chemical</i> , 2019, 283, 426-433.	4.0	62
4	Photoluminescent and biodegradable porous silicon nanoparticles for biomedical imaging. <i>Journal of Materials Chemistry B</i> , 2019, 7, 6271-6292.	2.9	45
5	Tailoring Nanocrystalline Metal-Organic Frameworks as Fluorescent Dye Carriers for Bioimaging. <i>Inorganic Chemistry</i> , 2017, 56, 12859-12865.	1.9	37
6	Formation of TiO ₂ @Carbon Core/Shell Nanocomposites from a Single Molecular Layer of Aromatic Compounds for Photocatalytic Hydrogen Peroxide Generation. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 41196-41203.	4.0	24
7	Biocompatible Organosilica Nanoparticles with Self-Encapsulated Phenyl Motifs for Effective UV Protection. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 9062-9069.	4.0	20
8	Multifunctional-Harnessed Afterglow Nanosensor for Molecular Imaging of Acute Kidney Injury In Vivo. <i>Small</i> , 2022, 18, e2200245.	5.2	17
9	Defect-Induced Fluorescence of Silica Nanoparticles for Bioimaging Applications. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 44247-44256.	4.0	13
10	Superoxide-responsive fluorogenic molecular probes for optical bioimaging of neurodegenerative events in Alzheimer's disease. <i>Analyst</i> , 2021, 146, 4748-4755.	1.7	8
11	Photochogenic Inflatable Nanohybrids for Upconversion-Mediated Sonotheranostics. <i>ACS Nano</i> , 2021, 15, 18394-18402.	7.3	8
12	Metal complexation-mediated stable and biocompatible nanoformulation of clinically approved near-infrared absorber for improved tumor targeting and photonic theranostics. <i>Nano Convergence</i> , 2021, 8, 36.	6.3	7
13	Direct deposition of anatase TiO ₂ on thermally unstable gold nanobipyramid: Morphology-conserved plasmonic nanohybrid for combinational photothermal and photocatalytic cancer therapy. <i>Applied Materials Today</i> , 2022, 27, 101472.	2.3	3
14	Controlled growth of fluorescent silica nanoparticles using two-phase orthogonal solvents for bioimaging. <i>Journal of Luminescence</i> , 2019, 214, 116529.	1.5	2
15	Bioimaging: In Vivo Photoacoustic Imaging of Livers Using Biodegradable Hyaluronic Acid-Conjugated Silica Nanoparticles (<i>Adv. Funct. Mater.</i> 22/2018). <i>Advanced Functional Materials</i> , 2018, 28, 1870153.	7.8	1