

Jaejung Song

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/38354/publications.pdf>

Version: 2024-02-01

28
papers

1,139
citations

516710

16
h-index

580821

25
g-index

28
all docs

28
docs citations

28
times ranked

2279
citing authors

#	ARTICLE	IF	CITATIONS
1	A solution-based route to compositionally complex metal oxide structures using high-entropy layered double hydroxides. <i>Cell Reports Physical Science</i> , 2022, 3, 100702.	5.6	9
2	Selective, Stable, Bias-Free, and Efficient Solar Hydrogen Peroxide Production on Inorganic Layered Materials. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	19
3	Homoepitaxial growth of ZnO nanostructures from bulk ZnO. <i>Journal of Colloid and Interface Science</i> , 2021, 586, 135-141.	9.4	0
4	Zwitterion-Coated Colloidal Magnetic Nanoparticle Clusters for Reduced Nonspecific Adsorption of Biomolecules. <i>Bioconjugate Chemistry</i> , 2021, 32, 1052-1057.	3.6	3
5	Spontaneous stepwise formation of polar-facet-dominant ZnO crystals for enhanced catalytic H ₂ O ₂ generation. <i>Applied Surface Science</i> , 2021, 561, 150061.	6.1	3
6	Selective phase transformation of layered double hydroxides into mixed metal oxides for catalytic CO oxidation. <i>Cell Reports Physical Science</i> , 2021, 2, 100628.	5.6	8
7	Control of structural disorder in spinel ceramics derived from layered double hydroxides. <i>Ceramics International</i> , 2020, 46, 6594-6599.	4.8	9
8	High-performance and stable photoelectrochemical water splitting cell with organic-photoactive-layer-based photoanode. <i>Nature Communications</i> , 2020, 11, 5509.	12.8	103
9	Catalytic materials for efficient electrochemical production of hydrogen peroxide. <i>APL Materials</i> , 2020, 8, .	5.1	16
10	Multiplexed In Vivo Imaging Using Size-Controlled Quantum Dots in the Second Near-Infrared Window. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800695.	7.6	23
11	A RNA producing DNA hydrogel as a platform for a high performance RNA interference system. <i>Nature Communications</i> , 2018, 9, 4331.	12.8	47
12	Nanoporous Films and Nanostructure Arrays Created by Selective Dissolution of Water-Soluble Materials. <i>Advanced Science</i> , 2018, 5, 1800851.	11.2	4
13	Cancer-Microenvironment-Sensitive Activatable Quantum Dot Probe in the Second Near-Infrared Window. <i>Nano Letters</i> , 2017, 17, 1378-1386.	9.1	87
14	Electrostatic interaction driven gold nanoparticle assembly on three-dimensional triangular pyramid DNA nanostructures. <i>New Journal of Chemistry</i> , 2017, 41, 9590-9593.	2.8	11
15	Super-resolution visible photoactivated atomic force microscopy. <i>Light: Science and Applications</i> , 2017, 6, e17080-e17080.	16.6	35
16	Super-resolution photoacoustic imaging of single gold nanoparticles. , 2016, , .		0
17	DNA templated synthesis of branched gold nanostructures with highly efficient near-infrared photothermal therapeutic effects. <i>RSC Advances</i> , 2016, 6, 51658-51661.	3.6	8
18	Smart-gold nanoparticles for photoacoustic imaging: an imaging contrast agent responsive to the cancer microenvironment and signal amplification via pH-induced aggregation. <i>Chemical Communications</i> , 2016, 52, 8287-8290.	4.1	87

#	ARTICLE	IF	CITATIONS
19	Inorganic Nanoparticle-Based Smart Drug Delivery Systems. , 2016, , 415-448.		2
20	Light-responsive DNA hydrogel-gold nanoparticle assembly for synergistic cancer therapy. Journal of Materials Chemistry B, 2015, 3, 1537-1543.	5.8	67
21	DNA hydrogel delivery vehicle for light-triggered and synergistic cancer therapy. Nanoscale, 2015, 7, 9433-9437.	5.6	86
22	Mesenchymal Stem Cells Aggregate and Deliver Gold Nanoparticles to Tumors for Photothermal Therapy. ACS Nano, 2015, 9, 9678-9690.	14.6	155
23	Gold nanoparticle-mediated photothermal therapy: current status and future perspective. Nanomedicine, 2014, 9, 2003-2022.	3.3	232
24	A sub 6 nanometer plasmonic gold nanoparticle for pH-responsive near-infrared photothermal cancer therapy. New Journal of Chemistry, 2014, 38, 918-922.	2.8	19
25	Branched DNA-based Synthesis of Fluorescent Silver Nanocluster. Bulletin of the Korean Chemical Society, 2014, 35, 1105-1109.	1.9	10
26	pH-responsive gold nanoparticles-in-liposome hybrid nanostructures for enhanced systemic tumor delivery. Nanoscale, 2013, 5, 10175.	5.6	36
27	DNA hydrogel templated carbon nanotube and polyaniline assembly and its applications for electrochemical energy storage devices. Journal of Materials Chemistry A, 2013, 1, 14460.	10.3	39
28	Detection of pH-induced aggregation of "smart" gold nanoparticles with photothermal optical coherence tomography. Optics Letters, 2013, 38, 4429.	3.3	21