

Jaejung Song

List of Publications by Year in descending order

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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	Gold nanoparticle-mediated photothermal therapy: current status and future perspective. <i>Nanomedicine</i> , 2014, 9, 2003-2022.	3.3	232
2	Mesenchymal Stem Cells Aggregate and Deliver Gold Nanoparticles to Tumors for Photothermal Therapy. <i>ACS Nano</i> , 2015, 9, 9678-9690.	14.6	155
3	High-performance and stable photoelectrochemical water splitting cell with organic-photoactive-layer-based photoanode. <i>Nature Communications</i> , 2020, 11, 5509.	12.8	103
4	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
5	Cancer-Microenvironment-Sensitive Activatable Quantum Dot Probe in the Second Near-Infrared Window. <i>Nano Letters</i> , 2017, 17, 1378-1386.	9.1	87
6	DNA hydrogel delivery vehicle for light-triggered and synergistic cancer therapy. <i>Nanoscale</i> , 2015, 7, 9433-9437.	5.6	86
7	Light-responsive DNA hydrogel-gold nanoparticle assembly for synergistic cancer therapy. <i>Journal of Materials Chemistry B</i> , 2015, 3, 1537-1543.	5.8	67
8	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
9	DNA hydrogel templated carbon nanotube and polyaniline assembly and its applications for electrochemical energy storage devices. <i>Journal of Materials Chemistry A</i> , 2013, 1, 14460.	10.3	39
10	pH-responsive gold nanoparticles-in-liposome hybrid nanostructures for enhanced systemic tumor delivery. <i>Nanoscale</i> , 2013, 5, 10175.	5.6	36
11	Super-resolution visible photoactivated atomic force microscopy. <i>Light: Science and Applications</i> , 2017, 6, e17080-e17080.	16.6	35
12	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
13	Detection of pH-induced aggregation of smart gold nanoparticles with photothermal optical coherence tomography. <i>Optics Letters</i> , 2013, 38, 4429.	3.3	21
14	A sub 6 nanometer plasmonic gold nanoparticle for pH-responsive near-infrared photothermal cancer therapy. <i>New Journal of Chemistry</i> , 2014, 38, 918-922.	2.8	19
15	Selective, Stable, Bias-Free, and Efficient Solar Hydrogen Peroxide Production on Inorganic Layered Materials. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	19
16	Catalytic materials for efficient electrochemical production of hydrogen peroxide. <i>APL Materials</i> , 2020, 8, .	5.1	16
17	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
18	Branched DNA-based Synthesis of Fluorescent Silver Nanocluster. <i>Bulletin of the Korean Chemical Society</i> , 2014, 35, 1105-1109.	1.9	10

#	ARTICLE	IF	CITATIONS
19	Control of structural disorder in spinel ceramics derived from layered double hydroxides. <i>Ceramics International</i> , 2020, 46, 6594-6599.	4.8	9
20	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
21	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
22	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
23	Nanoporous Films and Nanostructure Arrays Created by Selective Dissolution of Water-Soluble Materials. <i>Advanced Science</i> , 2018, 5, 1800851.	11.2	4
24	Zwitterion-Coated Colloidal Magnetic Nanoparticle Clusters for Reduced Nonspecific Adsorption of Biomolecules. <i>Bioconjugate Chemistry</i> , 2021, 32, 1052-1057.	3.6	3
25	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
26	Inorganic Nanoparticle-Based Smart Drug Delivery Systems. , 2016, , 415-448.		2
27	Super-resolution photoacoustic imaging of single gold nanoparticles. , 2016, , .		0
28	Homoepitaxial growth of ZnO nanostructures from bulk ZnO. <i>Journal of Colloid and Interface Science</i> , 2021, 586, 135-141.	9.4	0