

Daeha Seo

List of Publications by Year in descending order

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33
papers

1,894
citations

430754

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h-index

434063

31
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35
all docs

35
docs citations

35
times ranked

3018
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyhedral Gold Nanocrystals with OhSymmetry: From Octahedra to Cubes. Journal of the American Chemical Society, 2006, 128, 14863-14870.	6.6	398
2	Shape Adjustment between Multiply Twinned and Single-Crystalline Polyhedral Gold Nanocrystals: Decahedra, Icosahedra, and Truncated Tetrahedra. Journal of Physical Chemistry C, 2008, 112, 2469-2475.	1.5	232
3	Ag-Au-Ag Heterometallic Nanorods Formed through Directed Anisotropic Growth. Journal of the American Chemical Society, 2008, 130, 2940-2941.	6.6	191
4	Formation of targeted monovalent quantum dots by steric exclusion. Nature Methods, 2013, 10, 1203-1205.	9.0	152
5	A Mechanogenetic Toolkit for Interrogating Cell Signaling in Space and Time. Cell, 2016, 165, 1507-1518.	13.5	143
6	Directed Surface Overgrowth and Morphology Control of Polyhedral Gold Nanocrystals. Angewandte Chemie - International Edition, 2008, 47, 763-767.	7.2	101
7	Asymmetric Hollow Nanorod Formation through a Partial Galvanic Replacement Reaction. Journal of the American Chemical Society, 2009, 131, 18210-18211.	6.6	97
8	Plasmonic Monitoring of Catalytic Hydrogen Generation by a Single Nanoparticle Probe. Journal of the American Chemical Society, 2012, 134, 1221-1227.	6.6	75
9	Full-Color Tuning of Surface Plasmon Resonance by Compositional Variation of Au@Ag Core-Shell Nanocubes with Sulfides. Langmuir, 2012, 28, 9003-9009.	1.6	71
10	One-Dimensional Gold Nanostructures through Directed Anisotropic Overgrowth from Gold Decahedrons. Journal of Physical Chemistry C, 2009, 113, 3449-3454.	1.5	53
11	Shape Evolution and Gram-Scale Synthesis of Gold@Silver Core-Shell Nanopolyhedrons. Journal of Physical Chemistry C, 2011, 115, 9417-9423.	1.5	49
12	Single-cell mechanogenetics using monovalent magnetoplasmonic nanoparticles. Nature Protocols, 2017, 12, 1871-1889.	5.5	48
13	Sensitive and Selective Plasmon Ruler Nanosensors for Monitoring the Apoptotic Drug Response in Leukemia. ACS Nano, 2014, 8, 9199-9208.	7.3	36
14	Electrochemical deposition of Pd nanoparticles on indium-tin oxide electrodes and their catalytic properties for formic acid oxidation. Electrochemistry Communications, 2010, 12, 1442-1445.	2.3	34
15	Poly(ethylene glycol)- and Carboxylate-Functionalized Gold Nanoparticles Using Polymer Linkages: Single-Step Synthesis, High Stability, and Plasmonic Detection of Proteins. Langmuir, 2013, 29, 13518-13526.	1.6	24
16	Single-Molecule Rotation for EGFR Conformational Dynamics in Live Cells. Journal of the American Chemical Society, 2018, 140, 15161-15165.	6.6	24
17	Mass spectrometry imaging of untreated wet cell membranes in solution using single-layer graphene. Nature Methods, 2021, 18, 316-320.	9.0	20
18	A Facile One-Pot Synthesis of Hydroxyl-Functionalized Gold Polyhedrons by a Surface Regulating Copolymer. Chemistry of Materials, 2009, 21, 939-944.	3.2	19

#	ARTICLE	IF	CITATIONS
19	Ag ⁺ Au ⁺ Ag Heterometal Nanowires: Synthesis, Diameter Control, and Dual Transversal Modes with Diameter Dependency. <i>Journal of Physical Chemistry C</i> , 2010, 114, 12529-12534.	1.5	15
20	Coordination Power Adjustment of Surface-Regulating Polymers for Shaping Gold Polyhedral Nanocrystals. <i>Chemistry - A European Journal</i> , 2011, 17, 8466-8471.	1.7	15
21	Artificial Control of Cell Signaling Using a Photocleavable Cobalt(III)-Nitrosyl Complex. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10126-10131.	7.2	15
22	Sunlight-Activatable ROS Generator for Cell Death Using TiO ₂ -Si Microwires. <i>Nano Letters</i> , 2021, 21, 6998-7004.	4.5	12
23	Localized plasmon resonances of bimetallic AgAuAg nanorods. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 4190-4194.	1.3	11
24	Far-Field and Near-Field Investigation of Longitudinal Plasmons of AgAuAg Nanorods. <i>Journal of Physical Chemistry C</i> , 2016, 120, 21082-21090.	1.5	6
25	In Situ Monitoring of Individual Plasmonic Nanoparticles Resolves Multistep Nanoscale Sulfidation Reactions Hidden by Ensemble Average. <i>Journal of Physical Chemistry C</i> , 2019, 123, 23113-23123.	1.5	5
26	Shape auxiliary approach for carboxylate-functionalized gold nanocrystals. <i>Chemical Communications</i> , 2009, , 1276.	2.2	4
27	Simple fabrication of patterned gold nanoparticle arrays on functionalized block copolymer thin films. <i>European Polymer Journal</i> , 2011, 47, 305-310.	2.6	4
28	Artificial Control of Cell Signaling Using a Photocleavable Cobalt(III)-Nitrosyl Complex. <i>Angewandte Chemie</i> , 2019, 131, 10232-10237.	1.6	4
29	Production and Targeting of Monovalent Quantum Dots. <i>Journal of Visualized Experiments</i> , 2014, , e52198.	0.2	2
30	Monovalent plasmonic nanoparticles for biological applications. , 2016, , .		2
31	Two GPSes in a Ball: Deciphering the Endosomal Tug-of-War Using Plasmonic Dark-Field STORM. <i>Jacs Au</i> , 0, , .	3.6	2
32	Combinatorial selective synthesis and excitation experiments for quantitative analysis of effects of Au on a semiconductor photocatalyst. <i>CheM</i> , 2022, 8, 2485-2497.	5.8	1
33	Regulating Spatiotemporal Dynamics of Notch Signaling in Live Cells via Magnetoplasmonic Nanoprobes. <i>Biophysical Journal</i> , 2014, 106, 224a.	0.2	0