Seokyoung Yoon

List of Publications by Year
in descending order

17	299	933447 10	888059 17
papers	citations	h-index	g-index

17	17	17	364
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Surface Polarity-Insensitive Organosilicasome-Based Clustering of Nanoparticles with Intragap Distance Tunability. Chemistry of Materials, 2021, 33, 5257-5267.	6.7	7
2	Synergistic enhancement of antibacterial activity of Cu:C nanocomposites through plasma induced microstructural engineering. Applied Surface Science, 2020, 500, 143996.	6.1	6
3	Statistical Characterization of the Morphologies of Nanoparticles through Machine Learning Based Electron Microscopy Image Analysis. ACS Nano, 2020, 14, 17125-17133.	14.6	89
4	High-throughput in-focus differential interference contrast imaging of three-dimensional orientations of single gold nanorods coated with a mesoporous silica shell. RSC Advances, 2020, 10, 29868-29872.	3.6	3
5	High-Throughput Characterization and In Situ Control of Three-Dimensional Orientations of Single Gold Nanorods Coated with Spherical Mesoporous Silica Shell. Journal of Physical Chemistry C, 2020, 124, 14279-14286.	3.1	7
6	Multifunctional Nanomaterial-alginate Drug Delivery and Imaging System for Cancer Therapy. Biochip Journal, 2019, 13, 236-242.	4.9	14
7	Facile large-scale synthesis of mesoporous silica nanoparticles at room temperature in a monophasic system with fine size control. Microporous and Mesoporous Materials, 2019, 288, 109595.	4.4	15
8	From a precursor to an etchant: spontaneous inversion of the role of Au(<scp>iii</scp>) chloride for one-potÂsynthesis of smooth and spherical gold nanoparticles. Nanoscale Advances, 2019, 1, 2157-2161.	4.6	13
9	A Paperâ€Based Platform for Longâ€Term Deposition of Nanoparticles with Exceptional Redispersibility, Stability, and Functionality. Particle and Particle Systems Characterization, 2019, 36, 1800483.	2.3	14
10	Biologically Benign Multi-functional Mesoporous Silica Encapsulated Gold/Silver Nanorods for Anti-bacterial Applications by On-demand Release of Silver Ions. Biochip Journal, 2019, 13, 362-369.	4.9	24
11	Controlled Heterogeneous Nucleation for Synthesis of Uniform Mesoporous Silica-Coated Gold Nanorods with Tailorable Rotational Diffusion and 1 nm-Scale Size Tunability. Crystal Growth and Design, 2018, 18, 4731-4736.	3.0	27
12	Differences in DNA Probe-Mediated Aggregation Behavior of Gold Nanomaterials Based on Their Geometric Appearance. Langmuir, 2018, 34, 14869-14874.	3.5	5
13	Systematic study of interdependent relationship on gold nanorod synthesis assisted by electron microscopy image analysis. Nanoscale, 2017, 9, 7114-7123.	5.6	22
14	Pulsed DC-plasma sputtering induced synthesis of hydrogenated carbon thin films for L-929 cell cultivation. Surface and Coatings Technology, 2016, 307, 1119-1123.	4.8	5
15	Role of surface-electrical properties on the cell-viability of carbon thin films grown in nanodomain morphology. Journal Physics D: Applied Physics, 2016, 49, 264001.	2.8	10
16	Ultrastable-Stealth Large Gold Nanoparticles with DNA Directed Biological Functionality. Langmuir, 2015, 31, 13773-13782.	3.5	29
17	Electrochemical Performances of Yttrium Doped Li₃V_{2â€“X}Y_X(PO₄)₃/C Cathode Material for Lithium Secondary Battery. Journal of Nanoscience and Nanotechnology, 2015, 15, 8042-8047.	0.9	9