Seok Joon Kwon

List of Publications by Year
in descending order

32	1,122	430874 18	434195 31
papers	citations	h-index	g-index

33	33	33	1777
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Highly Conductive Coaxial SnO₂â^'In₂O₃ Heterostructured Nanowires for Li Ion Battery Electrodes. Nano Letters, 2007, 7, 3041-3045.	9.1	312
2	Wrinkling of a sol-gel-derived thin film. Physical Review E, 2005, 71, 011604.	2.1	81
3	Plasmonic Nanowireâ€Enhanced Upconversion Luminescence for Anticounterfeit Devices. Advanced Functional Materials, 2016, 26, 7836-7846.	14.9	70
4	Simultaneous Enhancement of Upconversion and Downshifting Luminescence via Plasmonic Structure. Nano Letters, 2015, 15, 2491-2497.	9.1	64
5	How antisolvent miscibility affects perovskite film wrinkling and photovoltaic properties. Nature Communications, 2021, 12, 1554.	12.8	63
6	A Plasmonic Platform with Disordered Array of Metal Nanoparticles for Threeâ€Order Enhanced Upconversion Luminescence and Highly Sensitive Nearâ€Infrared Photodetector. Advanced Materials, 2016, 28, 7899-7909.	21.0	61
7	Omnidirectional, Broadband Light Absorption in a Hierarchical Nanoturf Membrane for an Advanced Solarâ€Vapor Generator. Advanced Functional Materials, 2020, 30, 2003862.	14.9	48
8	Enhancing Performance and Stability of Tin Halide Perovskite Light Emitting Diodes via Coordination Engineering of Lewis Acidâ€“Base Adducts. Advanced Functional Materials, 2021, 31, 2106974.	14.9	37
9	Upconversion luminescence enhancement in plasmonic architecture with random assembly of metal nanodomes. Nanoscale, 2016, 8, 2071-2080.	5.6	36
10	On-Demand Drug Release from Gold Nanoturf for a Thermo- and Chemotherapeutic Esophageal Stent. ACS Nano, 2018, 12, 6756-6766.	14.6	34
11	Outstanding Lowâ€Temperature Performance of Structureâ€Controlled Graphene Anode Based on Surfaceâ€Controlled Charge Storage Mechanism. Advanced Functional Materials, 2021, 31, 2009397.	14.9	34
12	Wearable EEG electronics for a Brainâ€“AI Closed-Loop System to enhance autonomous machine decision-making. Npj Flexible Electronics, 2022, 6, .	10.7	29
13	A Plesiohedral Cellular Network of Graphene Bubbles for Ultralight, Strong, and Superelastic Materials. Advanced Materials, 2018, 30, e1802997.	21.0	27
14	Patterned growth of ZnO nanorods by micromolding of sol-gel-derived seed layer. Applied Physics Letters, 2005, 87, 133112.	3.3	26
15	Selective growth of ZnO nanorods by patterning of sol-gel-derived thin film. Journal of Electroceramics, 2006, 17, 455-459.	2.0	22
16	Shear-solvo defect annihilation of diblock copolymer thin films over a large area. Science Advances, 2019, 5, eaaw3974.	10.3	22
17	A Multiâ€Functional Highly Efficient Upconversion Luminescent Film with an Array of Dielectric Microbeads Decorated with Metal Nanoparticles. Advanced Functional Materials, 2020, 30, 1909445.	14.9	21
18	Theoretical Analysis of Non-Catalytic Growth of Nanorods on a Substrate. Journal of Physical Chemistry B, 2006, 110, 3876-3882.	2.6	19

#	Article	IF	Citations
19	Structural Origin of the Band Gap Anomaly of Quaternary Alloy Cd_xZn_{1â€“x}S_ySe_{1â€“y} Nanowires, Nanobelts, and Nanosheets in the Visible Spectrum. ACS Nano, 2015, 9, 5486-5499.	14.6	17
20	Dewetting of a Solâˆ’Gel-derived Thin Film. Langmuir, 2006, 22, 3895-3898.	3.5	16
21	Simultaneously intensified plasmonic and charge transfer effects in surface enhanced Raman scattering sensors using an MXene-blanketed Au nanoparticle assembly. Journal of Materials Chemistry A, 2022, 10, 2945-2956.	10.3	15
22	Morphological dynamics of swelling-induced surface patterns in metal-capped polymer bilayer. Journal of Chemical Physics, 2005, 122, 031101.	3.0	13
23	Theoretical analysis of growth of ZnO nanorods on the amorphous surfaces. Journal of Chemical Physics, 2005, 122, 214714.	3.0	12
24	Theoretical analysis of the radius of semiconductor nanowires grown by the catalytic vapourâ€“liquidâ€“solid mechanism. Journal of Physics Condensed Matter, 2006, 18, 3875-3885.	1.8	9
25	Self-Organized Swelling of a Metal-Capped Polymer Thin Bilayer. Journal of Physical Chemistry C, 2007, 111, 4404-4411.	3.1	8
26	Lead-Sealed Stretchable Underwater Perovskite-Based Optoelectronics via Self-Recovering Polymeric Nanomaterials. ACS Nano, 2021, 15, 20127-20135.	14.6	8
27	Dynamic Instability of a Solâˆ’Gel-Derived Thin Film. Journal of Physical Chemistry B, 2008, 112, 2016-2023.	2.6	5
28	Long-distance transmission of broadband near-infrared light guided by a semi-disordered 2D array of metal nanoparticles. Nanoscale, 2018, 10, 21275-21283.	5.6	5
29	Ultralightweight Strain-Responsive 3D Graphene Network. Journal of Physical Chemistry C, 2019, 123, 9884-9893.	3.1	4
30	Plasmonic nanobump-assembled platform for absorption enhancement of upconversion materials. Journal of Applied Physics, 2018, 123, 233101.	2.5	2
31	Theoretical Analysis of Non-Catalytic Growth of Nanorods on a Substrate. Materials Research Society Symposia Proceedings, 2006, 963, 1.	0.1	0
32	Growth of SnO2-In2O3 Hetero Nanostructures. Materials Research Society Symposia Proceedings, 2007, 1058, 1.	0.1	0