

Yong Joong Lee

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

105
citations

1937685

4
h-index

1372567

10
g-index

15
all docs

15
docs citations

15
times ranked

210
citing authors

#	ARTICLE	IF	CITATIONS
1	Review: Cantilever-Based Sensors for High Speed Atomic Force Microscopy. <i>Sensors</i> , 2020, 20, 4784.	3.8	39
2	New anode materials of $\text{Li}_{1+x}\text{V}_2\text{O}_7$ ($0 \leq x \leq 0.1$) for secondary lithium batteries: correlation between structures and properties. <i>Journal of Applied Electrochemistry</i> , 2011, 41, 803-808.	2.9	19
3	Crosslinking Effect on Thermal Conductivity of Electrospun Poly(acrylic acid) Nanofibers. <i>Polymers</i> , 2019, 11, 858.	4.5	17
4	Ion-Intercalation Assisted Solvothermal Synthesis and Optical Characterization of MoS_2 Quantum Dots. <i>Journal of the Korean Physical Society</i> , 2019, 74, 191-195.	0.7	6
5	Comparative study of two types of parallel kinematic flexure scanners for atomic force microscopy. <i>Instrumentation Science and Technology</i> , 2018, 46, 58-75.	1.8	4
6	Jig-free laser welding of Eagle XG glasses by using a picosecond pulsed laser. <i>Journal of Mechanical Science and Technology</i> , 2019, 33, 2825-2832.	1.5	4
7	Feedforward compensation for hysteresis and dynamic behaviors of a high-speed atomic force microscope scanner. <i>Journal of the Korean Physical Society</i> , 2022, 80, 325-336.	0.7	4
8	Evaluation of transdermal delivery of nanoemulsions in <i>ex vivo</i> porcine skin using two-photon microscopy and confocal laser-scanning microscopy. <i>Journal of Biomedical Optics</i> , 2014, 19, 106006.	2.6	3
9	Design and Fabrication of a High-Speed Atomic Force Microscope Scan-Head. <i>Sensors</i> , 2021, 21, 362.	3.8	3
10	The Effects of Surface Modifications on the Electrochemical Properties of $\text{LiMn}_2\text{Ni}_x\text{O}_4$ ($0 \leq x \leq 0.5$) as Cathode Materials for Secondary Lithium Batteries. <i>Bulletin of the Korean Chemical Society</i> , 2018, 39, 946-950.	1.9	2
11	Experimental investigation of the decrease in the quality factor and calculation of the mechanical properties of quartz tuning forks from analogous electrical parameters. <i>Journal of the Korean Physical Society</i> , 2015, 67, 733-737.	0.7	1
12	A novel two-axis parallel-kinematic high-speed piezoelectric scanner for atomic force microscopy. <i>Journal of the Korean Physical Society</i> , 2016, 69, 691-696.	0.7	1
13	Comparative Study of Trans-linear and Trans-impedance Readout Circuits for Optical Beam Deflection Sensors in Atomic Force Microscopy. <i>Journal of the Korean Physical Society</i> , 2019, 74, 88-93.	0.7	1
14	Implementation of a Sinusoidal Raster Scan for High-Speed Atomic Force Microscopy. <i>Journal of the Korean Physical Society</i> , 2020, 77, 605-612.	0.7	1
15	Development of a photo-thermal scan head for high-speed atomic force microscope. <i>Measurement Science and Technology</i> , 2020, 31, 047003.	2.6	0