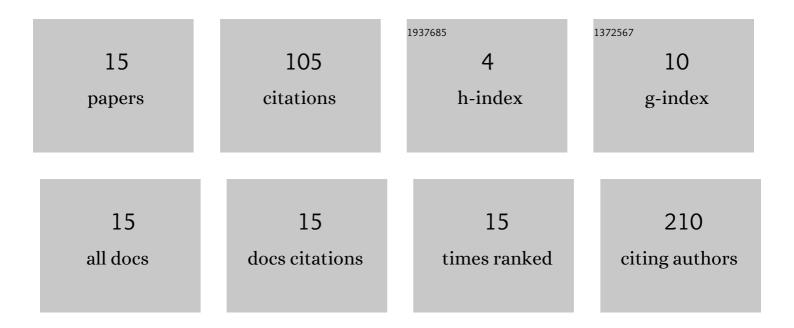
Yong Joong Lee

List of Publications by Year in descending order

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YONG LOONG LEE

#	Article	IF	CITATIONS
1	Feedforward compensation for hysteresis and dynamic behaviors of a high-speed atomic force microscope scanner. Journal of the Korean Physical Society, 2022, 80, 325-336.	0.7	4
2	Design and Fabrication of a High-Speed Atomic Force Microscope Scan-Head. Sensors, 2021, 21, 362.	3.8	3
3	Implementation of a Sinusoidal Raster Scan for High-Speed Atomic Force Microscopy. Journal of the Korean Physical Society, 2020, 77, 605-612.	0.7	1
4	Review: Cantilever-Based Sensors for High Speed Atomic Force Microscopy. Sensors, 2020, 20, 4784.	3.8	39
5	Development of a photo-thermal scan head for high-speed atomic force microscope. Measurement Science and Technology, 2020, 31, 047003.	2.6	0
6	Ion-Intercalation Assisted Solvothermal Synthesis and Optical Characterization of MoS2 Quantum Dots. Journal of the Korean Physical Society, 2019, 74, 191-195.	0.7	6
7	Comparative Study of Trans-linear and Trans-impedance Readout Circuits for Optical Beam Deflection Sensors in Atomic Force Microscopy. Journal of the Korean Physical Society, 2019, 74, 88-93.	0.7	1
8	Crosslinking Effect on Thermal Conductivity of Electrospun Poly(acrylic acid) Nanofibers. Polymers, 2019, 11, 858.	4.5	17
9	Jig-free laser welding of Eagle XG glasses by using a picosecond pulsed laser. Journal of Mechanical Science and Technology, 2019, 33, 2825-2832.	1.5	4
10	Comparative study of two types of parallel kinematic flexure scanners for atomic force microscopy. Instrumentation Science and Technology, 2018, 46, 58-75.	1.8	4
11	The Effects of Surface Modifications on the Electrochemical Properties of LiMn _{2â^'<i>x</i>} Ni _{<i>x</i>} O ₄ (0 ≤i>x á‰ฃ.5) as Cathode Materials for Secondary Lithium Batteries. Bulletin of the Korean Chemical Society, 2018, 39, 946-950.	1.9	2
12	A novel two-axis parallel-kinematic high-speed piezoelectric scanner for atomic force microscopy. Journal of the Korean Physical Society, 2016, 69, 691-696.	0.7	1
13	Experimental investigation of the decrease in the quality factor and calculation of the mechanical properties of quartz tuning forks from analogous electrical parameters. Journal of the Korean Physical Society, 2015, 67, 733-737.	0.7	1
14	Evaluation of transdermal delivery of nanoemulsions in <i>ex vivo</i> porcine skin using two-photon microscopy and confocal laser-scanning microscopy. Journal of Biomedical Optics, 2014, 19, 106006.	2.6	3
15	New anode materials of Li1+x V1â^'x O2 (0Â≤xÂ≤0.1) for secondary lithium batteries: correlation between structures and properties. Journal of Applied Electrochemistry, 2011, 41, 803-808.	2.9	19