

Jun Hirotani

List of Publications by Year in descending order

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13
papers

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1684188

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185
citing authors

#	ARTICLE	IF	CITATIONS
1	High-output, transparent, stretchable triboelectric nanogenerator based on carbon nanotube thin film toward wearable energy harvesters. <i>Nano Energy</i> , 2020, 67, 104297.	16.0	64
2	Carbon Nanotube Thin Films for High-Performance Flexible Electronics Applications. <i>Topics in Current Chemistry</i> , 2019, 377, 3.	5.8	19
3	Origins of the variability of the electrical characteristics of solution-processed carbon nanotube thin-film transistors and integrated circuits. <i>Nanoscale Advances</i> , 2019, 1, 636-642.	4.6	17
4	Low-Voltage Operable and Strain-Insensitive Stretchable All-Carbon Nanotube Integrated Circuits with Local Strain Suppression Layer. <i>Advanced Electronic Materials</i> , 2021, 7, .	5.1	9
5	Noise Modeling in Field Emission and Evaluation of the Nano-Receiver in Terms of Temperature. <i>IEEE Access</i> , 2019, 7, 57820-57828.	4.2	6
6	Exfoliation of Al-Residual Multilayer MXene Using Tetramethylammonium Bases for Conductive Film Applications. <i>Frontiers in Chemistry</i> , 2022, 10, 841313.	3.6	5
7	Fabrication of Carbon Nanotube Thin Films for Flexible Transistors by Using a Cross-Linked Amine Polymer. <i>Chemistry - A European Journal</i> , 2020, 26, 6118-6121.	3.3	4
8	Carbon Nanotube-Based Nanomechanical Receiver for Digital Data Transfer. <i>ACS Applied Nano Materials</i> , 2021, 4, 13041-13047.	5.0	4
9	In-plane dual-electrode triboelectric nanogenerator based on differential surface functionalization. <i>Applied Physics Express</i> , 2022, 15, 027006.	2.4	3
10	Dielectric Reduced Surface Field Effect on Vertical GaN-on-GaN Nanowire Schottky Barrier Diodes. , 2020, , .		2
11	Tunable carbon nanotube diode with varying asymmetric geometry. <i>AIP Advances</i> , 2021, 11, 075212.	1.3	2
12	Dynamic Range Enhancement Via Linearized Output in Nanoelectromechanical Systems by Combining High-Order Harmonics. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021, 68, 3251-3255.	3.0	2
13	Application of Bayesian Super-Resolution to Spectroscopic Data for Precise Characterization of Spectral Peak Shape. <i>Journal of Electronic Materials</i> , 2022, 51, 712-717.	2.2	2