

Yu-Ju Hung

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

24
papers

997
citations

12
h-index

28
g-index

28
ext. papers

1,106
ext. citations

4.5
avg, IF

4.15
L-index

#	Paper	IF	Citations
24	Magnifying superlens in the visible frequency range. <i>Science</i> , 2007 , 315, 1699-701	33.3	591
23	Fluorescence enhancement by surface gratings. <i>Optics Express</i> , 2006 , 14, 10825-30	3.3	76
22	Modeling of time with metamaterials. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2011 , 28, 1591	1.7	49
21	Surface plasmon dielectric waveguides. <i>Applied Physics Letters</i> , 2005 , 87, 241106	3.4	37
20	Effects of Repetitive Mechanical Bending Strain on Various Dimensions of Foldable Low Temperature Polysilicon TFTs Fabricated on Polyimide. <i>IEEE Electron Device Letters</i> , 2016 , 37, 1010-1013	4.4	34
19	Imaging and focusing properties of plasmonic metamaterial devices. <i>Physical Review B</i> , 2007 , 76,	3.3	32
18	Experimental modeling of cosmological inflation with metamaterials. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2012 , 376, 2575-2579	2.3	30
17	Liquid-Crystal Active Tamm-Plasmon Devices. <i>Physical Review Applied</i> , 2018 , 9,	4.3	24
16	Modification of Photon Emission Statistics from Single Colloidal CdSe Quantum Dots by Conductive Materials. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 18126-18132	3.8	23
15	Role of H ₂ O Molecules in Passivation Layer of a-InGaZnO Thin Film Transistors. <i>IEEE Electron Device Letters</i> , 2017 , 38, 469-472	4.4	20
14	Abnormal hump in capacitance-voltage measurements induced by ultraviolet light in a-IGZO thin-film transistors. <i>Applied Physics Letters</i> , 2017 , 110, 023501	3.4	16
13	Effect of SiO ₂ Buffer Layer Thickness on Performance and Reliability of Flexible Polycrystalline Silicon TFTs Fabricated on Polyimide. <i>IEEE Electron Device Letters</i> , 2016 , 37, 1578-1581	4.4	13
12	Minkowski domain walls in hyperbolic metamaterials. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2013 , 377, 353-356	2.3	12
11	Systematic Analysis of High-Current Effects in Flexible Polycrystalline-Silicon Transistors Fabricated on Polyimide. <i>IEEE Transactions on Electron Devices</i> , 2017 , 64, 3167-3173	2.9	11
10	Characterization of graphene edge functionalization by grating enhanced Raman spectroscopy. <i>RSC Advances</i> , 2016 , 6, 12398-12401	3.7	7
9	Controlling the Nanoscale Gaps on Silver Island Film for Efficient Surface-Enhanced Raman Spectroscopy. <i>Nanomaterials</i> , 2019 , 9,	5.4	5
8	On the Origin of Anomalous Off-Current Under Hot Carrier Stress in p-Channel DDDMOS Transistors With STI Structure. <i>IEEE Electron Device Letters</i> , 2014 , 35, 651-653	4.4	4

7	Investigating degradation behaviors induced by mobile Cu ions under high temperature negative bias stress in a-InGaZnO thin film transistors. <i>Applied Physics Letters</i> , 2017 , 111, 133504	3.4	3
6	Comprehensive three-dimensional analysis of surface plasmon polariton modes at uniaxial liquid crystal-metal interface. <i>Optics Express</i> , 2015 , 23, 32377-86	3.3	3
5	Light-induced resonant transmittance through a gold film. <i>Applied Physics Letters</i> , 2005 , 87, 041101	3.4	3
4	Two-dimensional plasmonic metamaterials 2007 ,		2
3	Big Crunch-based omnidirectional light concentrators. <i>Journal of Optics (United Kingdom)</i> , 2014 , 16, 125103	1.5	1
2	Fresnel analysis of Kretschmann geometry with a uniaxial crystal layer on a three-layered film. <i>AIP Advances</i> , 2016 , 6, 045023	1.5	1
1	Band diagrams and field distribution of squarely-modulated slab metallic gratings. <i>AIP Advances</i> , 2016 , 6, 125117	1.5	0