Ing-Song Yu

List of Publications by Year
in descending order

33	295	933447 10	940533 16
papers	citations	h-index	g-index

33	33	33	499
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Atmospheric-pressure-plasma-jet processed carbon nanotube (CNT)â€“reduced graphene oxide (rGO) nanocomposites for gel-electrolyte supercapacitors. RSC Advances, 2018, 8, 2851-2857.	3.6	41
2	Achieving highly saturated single-color and high color-rendering-index white light-emitting electrochemical cells by CsPbX3 perovskite color conversion layers. Journal of Materials Chemistry C, 2018, 6, 12808-12813.	5.5	27
3	Characterization and density control of GaN nanodots on Si (111) by droplet epitaxy using plasma-assisted molecular beam epitaxy. Nanoscale Research Letters, 2014, 9, 682.	5.7	19
4	Surface Passivation and Antireflection Behavior of ALD on n-Type Silicon for Solar Cells. International Journal of Photoenergy, 2013, 2013, 1-7.	2.5	18
5	The influence of 2D MoS2 layers on the growth of GaN films by plasma-assisted molecular beam epitaxy. Applied Surface Science, 2019, 496, 143616.	6.1	16
6	Atomic Layer Deposition TiO2 Films and TiO2/SiNx Stacks Applied for Silicon Solar Cells. Applied Sciences (Switzerland), 2016, 6, 233.	2.5	15
7	Single material TiO 2 thin film by atomic layer deposition for antireflection and surface passivation applications on p-type c-Si. Applied Surface Science, 2018, 451, 121-127.	6.1	13
8	Low-Temperature-Annealed Reduced Graphene Oxideâ€“Polyaniline Nanocomposites for Supercapacitor Applications. Journal of Electronic Materials, 2018, 47, 3861-3868.	2.2	13
9	Monolithic crystalline silicon solar cells with SiN layers doped with Tb3+ and Yb3+ rare-earth ions. Journal of Rare Earths, 2019, 37, 515-519.	4.8	12
10	Temperature effects for GaN films grown on 4H-SiC substrate with 4Â° miscutting orientation by plasma-assisted molecular beam epitaxy. Journal of Alloys and Compounds, 2017, 723, 21-29.	5.5	11
11	Strongly Enhancing Photocatalytic Activity of TiO2 Thin Films by Multi-Heterojunction Technique. Catalysts, 2018, 8, 440.	3.5	10
12	Enhancement for Potential-Induced Degradation Resistance of Crystalline Silicon Solar Cells via Anti-Reflection Coating by Industrial PECVD Methods. Coatings, 2018, 8, 418.	2.6	10
13	Formation and Temperature Effect of InN Nanodots by PA-MBE via Droplet Epitaxy Technique. Nanoscale Research Letters, 2016, 11, 241.	5.7	8
14	Effects of substrate pre-nitridation and post-nitridation processes on InN quantum dots with crystallinity by droplet epitaxy. Surface and Coatings Technology, 2017, 324, 491-497.	4.8	8
15	Surface passivation of c-Si by Atomic Layer Deposition TiO<inf>2</inf> thin films deposited at low temperature. , 2014, , .		7
16	Effects of N/Ga flux ratio on GaN films grown on 4H-SiC substrate with 4Â° miscutting orientation by plasma-assisted molecular beam epitaxy. Journal of Alloys and Compounds, 2017, 710, 800-808.	5.5	7
17	Crystal Structures of GaN Nanodots by Nitrogen Plasma Treatment on Ga Metal Droplets. Metals, 2018, 8, 419.	2.3	7
18	First down converter multilayers integration in an industrial <scp>Si</scp> solar cell process. Progress in Photovoltaics: Research and Applications, 2019, 27, 152-162.	8.1	7

#	Article	IF	Citations
19	Effects of substrate and annealing on GaN films grown by plasma-assisted molecular beam epitaxy. Surface and Coatings Technology, 2017, 320, 548-553.	4.8	6
20	A Commercial Carbonaceous Anode with a-Si Layers by Plasma Enhanced Chemical Vapor Deposition for Lithium Ion Batteries. Journal of Composites Science, 2020, 4, 72.	3.0	6
21	Enhancement of mechanical properties for Mg-9Li-1Zn alloy by accumulative roll bonding. Materials Research Express, 2020, 7, 046511.	1.6	6
22	Temperature Effect of van der Waals Epitaxial GaN Films on Pulse-Laser-Deposited 2D MoS2 Layer. Nanomaterials, 2021, 11, 1406.	4.1	6
23	Enhancement of optical property and crystal structure for GaN films on 2D MoS2 buffer layer by nitridation treatment. Surface and Coatings Technology, 2022, 434, 128199.	4.8	5
24	Effects of temperature and nitradition on phase transformation of GaN quantum dots grown by droplet epitaxy. Surface and Coatings Technology, 2019, 358, 182-189.	4.8	3
25	Application of Atmospheric-Pressure-Plasma-Jet Modified Flexible Graphite Sheets in Reduced-Graphene-Oxide/Polyaniline Supercapacitors. Polymers, 2020, 12, 1228.	4.5	3
26	Effects of Helmholtz coil magnetic fields on microstructure and mechanical properties for sand-cast A201 Al-Cu alloy. Materials Research Express, 2020, 7, 126504.	1.6	3
27	Thermal Analysis of PV Module and the Effect on its Efficiency. , 2019, , .		2
28	GaN Layers on Si (111) from Nanocolumns to Nanorods by Plasma-Assisted Molecular Beam Epitaxy. Nanoscience and Nanotechnology Letters, 2015, 7, 828-833.	0.4	2
29	The Growth of Hexagonal Boron Nitride Quantum Dots on Polycrystalline Nickel Films by Plasma-Assisted Molecular Beam Epitaxy. Crystals, 2022, 12, 347.	2.2	2
30	Morphology and surface stability of GaN thin film grown on the short growth time by Plasma Assisted Molecular Beam Epitaxy. Journal of Physics: Conference Series, 2019, 1364, 012067.	0.4	1
31	Lignin Biopolymer for the Synthesis of Iron Nanoparticles and the Composite Applied for the Removal of Methylene Blue. Polymers, 2021, 13, 3847.	4.5	1
32	Surface Structure and Morphology of Gallium Nitride Thin Film Grown on Molybdenum Disulfide Layer by Molecular Beam Epitaxy. , 2019, , .		0
33	Surface Texture of Thin Gallium Nitride Grown on Closed to Van Der Wall Layer of Molybdenum Disulfide. , 2019, , .		0