

Ing-Song Yu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Enhancement of optical property and crystal structure for GaN films on 2D MoS2 buffer layer by nitridation treatment. <i>Surface and Coatings Technology</i> , 2022, 434, 128199.	4.8	5
2	The Growth of Hexagonal Boron Nitride Quantum Dots on Polycrystalline Nickel Films by Plasma-Assisted Molecular Beam Epitaxy. <i>Crystals</i> , 2022, 12, 347.	2.2	2
3	Temperature Effect of van der Waals Epitaxial GaN Films on Pulse-Laser-Deposited 2D MoS2 Layer. <i>Nanomaterials</i> , 2021, 11, 1406.	4.1	6
4	Lignin Biopolymer for the Synthesis of Iron Nanoparticles and the Composite Applied for the Removal of Methylene Blue. <i>Polymers</i> , 2021, 13, 3847.	4.5	1
5	Application of Atmospheric-Pressure-Plasma-Jet Modified Flexible Graphite Sheets in Reduced-Graphene-Oxide/Polyaniline Supercapacitors. <i>Polymers</i> , 2020, 12, 1228.	4.5	3
6	A Commercial Carbonaceous Anode with a-Si Layers by Plasma Enhanced Chemical Vapor Deposition for Lithium Ion Batteries. <i>Journal of Composites Science</i> , 2020, 4, 72.	3.0	6
7	Enhancement of mechanical properties for Mg-9Li-1Zn alloy by accumulative roll bonding. <i>Materials Research Express</i> , 2020, 7, 046511.	1.6	6
8	Effects of Helmholtz coil magnetic fields on microstructure and mechanical properties for sand-cast A201 Al-Cu alloy. <i>Materials Research Express</i> , 2020, 7, 126504.	1.6	3
9	The influence of 2D MoS2 layers on the growth of GaN films by plasma-assisted molecular beam epitaxy. <i>Applied Surface Science</i> , 2019, 496, 143616.	6.1	16
10	Thermal Analysis of PV Module and the Effect on its Efficiency. , 2019, , .		2
11	Morphology and surface stability of GaN thin film grown on the short growth time by Plasma Assisted Molecular Beam Epitaxy. <i>Journal of Physics: Conference Series</i> , 2019, 1364, 012067.	0.4	1
12	First down converter multilayers integration in an industrial <sc>Si</sc> solar cell process. <i>Progress in Photovoltaics: Research and Applications</i> , 2019, 27, 152-162.	8.1	7
13	Monolithic crystalline silicon solar cells with SiN layers doped with Tb3+ and Yb3+ rare-earth ions. <i>Journal of Rare Earths</i> , 2019, 37, 515-519.	4.8	12
14	Effects of temperature and nitridation on phase transformation of GaN quantum dots grown by droplet epitaxy. <i>Surface and Coatings Technology</i> , 2019, 358, 182-189.	4.8	3
15	Surface Structure and Morphology of Gallium Nitride Thin Film Grown on Molybdenum Disulfide Layer by Molecular Beam Epitaxy. , 2019, , .		0
16	Surface Texture of Thin Gallium Nitride Grown on Closed to Van Der Wall Layer of Molybdenum Disulfide. , 2019, , .		0
17	Single material TiO 2 thin film by atomic layer deposition for antireflection and surface passivation applications on p-type c-Si. <i>Applied Surface Science</i> , 2018, 451, 121-127.	6.1	13
18	Atmospheric-pressure-plasma-jet processed carbon nanotube (CNT)â€“reduced graphene oxide (rGO) nanocomposites for gel-electrolyte supercapacitors. <i>RSC Advances</i> , 2018, 8, 2851-2857.	3.6	41

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19	Achieving highly saturated single-color and high color-rendering-index white light-emitting electrochemical cells by CsPbX ₃ perovskite color conversion layers. <i>Journal of Materials Chemistry C</i> , 2018, 6, 12808-12813.	5.5	27
20	Strongly Enhancing Photocatalytic Activity of TiO ₂ Thin Films by Multi-Heterojunction Technique. <i>Catalysts</i> , 2018, 8, 440.	3.5	10
21	Enhancement for Potential-Induced Degradation Resistance of Crystalline Silicon Solar Cells via Anti-Reflection Coating by Industrial PECVD Methods. <i>Coatings</i> , 2018, 8, 418.	2.6	10
22	Crystal Structures of GaN Nanodots by Nitrogen Plasma Treatment on Ga Metal Droplets. <i>Metals</i> , 2018, 8, 419.	2.3	7
23	Low-Temperature-Annealed Reduced Graphene Oxide-Polyaniline Nanocomposites for Supercapacitor Applications. <i>Journal of Electronic Materials</i> , 2018, 47, 3861-3868.	2.2	13
24	Effects of substrate pre-nitridation and post-nitridation processes on InN quantum dots with crystallinity by droplet epitaxy. <i>Surface and Coatings Technology</i> , 2017, 324, 491-497.	4.8	8
25	Effects of N/Ga flux ratio on GaN films grown on 4H-SiC substrate with 4° miscutting orientation by plasma-assisted molecular beam epitaxy. <i>Journal of Alloys and Compounds</i> , 2017, 710, 800-808.	5.5	7
26	Temperature effects for GaN films grown on 4H-SiC substrate with 4° miscutting orientation by plasma-assisted molecular beam epitaxy. <i>Journal of Alloys and Compounds</i> , 2017, 723, 21-29.	5.5	11
27	Effects of substrate and annealing on GaN films grown by plasma-assisted molecular beam epitaxy. <i>Surface and Coatings Technology</i> , 2017, 320, 548-553.	4.8	6
28	Atomic Layer Deposition TiO ₂ Films and TiO ₂ /SiN _x Stacks Applied for Silicon Solar Cells. <i>Applied Sciences (Switzerland)</i> , 2016, 6, 233.	2.5	15
29	Formation and Temperature Effect of InN Nanodots by PA-MBE via Droplet Epitaxy Technique. <i>Nanoscale Research Letters</i> , 2016, 11, 241.	5.7	8
30	GaN Layers on Si (111) from Nanocolumns to Nanorods by Plasma-Assisted Molecular Beam Epitaxy. <i>Nanoscience and Nanotechnology Letters</i> , 2015, 7, 828-833.	0.4	2
31	Surface passivation of c-Si by Atomic Layer Deposition TiO ₂ thin films deposited at low temperature. , 2014, , .		7
32	Characterization and density control of GaN nanodots on Si (111) by droplet epitaxy using plasma-assisted molecular beam epitaxy. <i>Nanoscale Research Letters</i> , 2014, 9, 682.	5.7	19
33	Surface Passivation and Antireflection Behavior of ALD on n-Type Silicon for Solar Cells. <i>International Journal of Photoenergy</i> , 2013, 2013, 1-7.	2.5	18