

Yong-June Choi

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

369
citations

933264

10
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794469

19
g-index

21
all docs

21
docs citations

21
times ranked

662
citing authors

#	ARTICLE	IF	CITATIONS
1	A simple approach to the fabrication of fluorine-doped zinc oxide thin films by atomic layer deposition at low temperatures and an investigation into the growth mode. <i>Journal of Materials Chemistry C</i> , 2014, 2, 98-108.	2.7	80
2	Improved Performance of Organic Light-Emitting Diodes Fabricated on Al-Doped ZnO Anodes Incorporating a Homogeneous Al-Doped ZnO Buffer Layer Grown by Atomic Layer Deposition. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 3650-3655.	4.0	64
3	Anion-controlled passivation effect of the atomic layer deposited ZnO films by F substitution to O-related defects on the electronic band structure for transparent contact layer of solar cell applications. <i>Solar Energy Materials and Solar Cells</i> , 2015, 132, 403-409.	3.0	47
4	Aluminum-doped zinc oxide formed by atomic layer deposition for use as anodes in organic light emitting diodes. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2013, 31, .	0.9	29
5	Non-laminated growth of chlorine-doped zinc oxide films by atomic layer deposition at low temperatures. <i>Journal of Materials Chemistry C</i> , 2015, 3, 8336-8343.	2.7	22
6	The CO gas sensing properties of direct-patternable SnO ₂ films containing graphene or Ag nanoparticles. <i>New Journal of Chemistry</i> , 2015, 39, 2256-2260.	1.4	20
7	Electrochromic properties of poly(3,4-ethylenedioxythiophene) nanocomposite film containing SiO ₂ nanoparticles. <i>Journal of Applied Polymer Science</i> , 2011, 122, 3080-3085.	1.3	16
8	Investigation of Ag-poly(3,4-ethylenedioxythiophene):polystyrene sulfonate nanocomposite films prepared by a one-step aqueous method. <i>Journal of Applied Physics</i> , 2011, 109, .	1.1	14
9	Facile synthesis and size control of Ag nanoparticles by a photochemical reduction at room temperature. <i>Journal of the Ceramic Society of Japan</i> , 2010, 118, 1002-1005.	0.5	12
10	Enhanced hole injection into indium-free organic red light-emitting diodes by fluorine-doping-induced texturing of a zinc oxide surface. <i>Journal of Materials Chemistry C</i> , 2014, 2, 8344-8349.	2.7	12
11	Synthesis of Ag Nanostructures by Photochemical Reduction Using Citrate-Capped Pt Seeds. <i>Journal of Nanomaterials</i> , 2011, 2011, 1-7.	1.5	11
12	Thickness-dependent growth orientation of F-doped ZnO films formed by atomic layer deposition. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2016, 34, .	0.9	10
13	Characterization of Au-metal nanoparticle-hybridized poly(3,4-ethylenedioxythiophene) films for electrochromic devices. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2011, 208, 81-85.	0.8	9
14	Effect of Ag nanoparticles on the electron energy structure and electrical properties of poly(p-phenylene vinylene) (PPV). <i>Synthetic Metals</i> , 2010, 160, 621-624.	2.1	6
15	Structural, Electrical, and Optical Properties of Photochemical Metal-Organic-Deposited ZnO Thin Films Incorporated with Ag Nanoparticles and Graphene. <i>ECS Journal of Solid State Science and Technology</i> , 2015, 4, N55-N59.	0.9	6
16	Electrical properties of poly(p-phenylene vinylene) films with an incorporation of platinum metal nanoparticles. <i>Journal of Applied Polymer Science</i> , 2011, 119, 811-815.	1.3	4
17	Effect of Surface Chemisorption between Poly(3,4-ethylenedioxythiophene):Poly(styrene sulfonate) and Ag Nanoparticles on the Conductivity of the Nanocomposite Film. <i>Chemistry Letters</i> , 2013, 42, 615-617.	0.7	3
18	Effect of Silica Nanoparticle Content on the Structure and Electrostatic Bonding of PEDOT:PSS. <i>Molecular Crystals and Liquid Crystals</i> , 2012, 568, 179-185.	0.4	2

#	ARTICLE	IF	CITATIONS
19	Characteristics of direct-patternable SnO ₂ :Pt nanocomposite thin films fabricated by photochemical metal-organic deposition. <i>Journal of Materials Research</i> , 2011, 26, 2860-2866.	1.2	1
20	Thickness-dependent Electrical, Structural, and Optical Properties of ALD-grown ZnO Films. <i>Journal of the Microelectronics and Packaging Society</i> , 2014, 21, 31-35.	0.1	1
21	Electron Energy Structure and Electrical Properties of Poly(p-phenylene vinylene) (PPV) with Gold Metal Nanoparticles. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2011, 48, 538-543.	1.2	0