Yoon-Chae Nah

List of Publications by Year
in descending order

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24 papers	1,773 citations	567281 15 h-index	610901 24 g-index
24 all docs	24 docs citations	24 times ranked	3080 citing authors

#	Article	IF	Citations
1	Plasmon enhanced performance of organic solar cells using electrodeposited Ag nanoparticles. Applied Physics Letters, 2008, 93, .	3.3	428
2	Doped TiO₂ and TiO₂ Nanotubes: Synthesis and Applications. ChemPhysChem, 2010, 11, 2698-2713.	2.1	352
3	TiO₂â^'WO₃ Composite Nanotubes by Alloy Anodization: Growth and Enhanced Electrochromic Properties. Journal of the American Chemical Society, 2008, 130, 16154-16155.	13.7	219
4	Enhanced electrochromic properties of self-organized nanoporous WO3. Electrochemistry Communications, 2008, 10, 1777-1780.	4.7	122
5	Roll-to-Roll sputtered ITO/Cu/ITO multilayer electrode for flexible, transparent thin film heaters and electrochromic applications. Scientific Reports, 2016, 6, 33868.	3.3	104
6	Pseudocapacitive Desalination of Brackish Water and Seawater with Vanadiumâ€Pentoxideâ€Decorated Multiwalled Carbon Nanotubes. ChemSusChem, 2017, 10, 3611-3623.	6.8	89
7	Nitrogen doping of nanoporous WO₃layers by NH₃treatment for increased visible light photoresponse. Nanotechnology, 2010, 21, 105704.	2.6	81
8	Self-organized nano-tubes of TiO2â€“MoO3 with enhanced electrochromic properties. Chemical Communications, 2009, , 2008.	4.1	72
9	Roll-to-roll sputtered ITO/Ag/ITO multilayers for highly transparent and flexible electrochromic applications. Solar Energy Materials and Solar Cells, 2017, 160, 203-210.	6.2	70
10	High Performance Rollâ€toâ€Roll Produced Fullereneâ€Free Organic Photovoltaic Devices via Temperatureâ€Controlled Slot Die Coating. Advanced Functional Materials, 2019, 29, 1805825.	14.9	64
11	Electrodeposition of hydrated vanadium pentoxide on nanoporous carbon cloth for hybrid energy storage. Sustainable Energy and Fuels, 2018, 2, 577-588.	4.9	30
12	Long-Term Cyclability of Electrochromic Poly(3-hexyl thiophene) Films Modified by Surfactant-Assisted Graphene Oxide Layers. ACS Applied Materials & Interfaces, 2017, 9, 20223-20230.	8.0	22
13	Effects of oxidation potential and retention time on electrochromic stability of poly (3-hexyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10	6.1	18
14	Electrochemical growth of self-organized TiO2â€“WO3 composite nanotube layers: effects of applied voltage and time. Journal of Applied Electrochemistry, 2013, 43, 9-13.	2.9	17
15	A novel quinoxaline-based donor-acceptor type electrochromic polymer. Journal of Industrial and Engineering Chemistry, 2019, 70, 380-384.	5.8	16
16	Synthesis and electrochromic properties of a carbazole and diketopyrrolopyrrole-based small molecule semiconductor. Journal of Industrial and Engineering Chemistry, 2019, 80, 93-97.	5.8	14
17	Singleâ€Step Anodization for the Formation of WO₃â€Doped TiO₂ Nanotubes Toward Enhanced Electrochromic Performance. ChemElectroChem, 2018, 5, 3379-3382.	3.4	12
18	Effects of Hydrothermal Treatment Duration on Morphology of WO₃ Nanostructures. Journal of Nanoscience and Nanotechnology, 2017, 17, 7719-7722.	0.9	11

#	Article	IF	Citations
19	Well-defined alternative polymer semiconductor using large size regioregular building blocks as monomers: electrical and electrochemical properties. Journal of Materials Chemistry C, 2018, 6, 5662-5670.	5.5	9
20	Enhanced Electrochromic Coloration of Poly(3-hexylthiophene) Films by Electrodeposited Au Nanoparticles. Journal of Nanoscience and Nanotechnology, 2013, 13, 3470-3473.	0.9	7
21	Influence of structural deformation on dye-sensitized solar cells with anodically fabricated self-organized TiO2 nanotubes. New Journal of Chemistry, 2011, 35, 2521.	2.8	6
22	Highly soluble diketopyrrolopyrrole-based donor-acceptor type small molecule for electrochromic applications. Organic Electronics, 2018, 63, 23-28.	2.6	6
23	A facile approach for carburization of anodically grown titania nanotubes: towards metallization of nanotubes. RSC Advances, 2014, 4, 32599.	3.6	3
24	Photovoltaic Devices: High Performance Rollâ€toâ€Roll Produced Fullereneâ€Free Organic Photovoltaic Devices via Temperatureâ€Controlled Slot Die Coating (Adv. Funct. Mater. 6/2019). Advanced Functional Materials, 2019, 29, 1970037.	14.9	1