

Yoon-Chae Nah

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2714357/publications.pdf>

Version: 2024-02-01

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	Synthesis and electrochromic properties of a carbazole and diketopyrrolopyrrole-based small molecule semiconductor. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 80, 93-97.	5.8	14
2	Photovoltaic Devices: High Performance Roll-to-Roll Produced Fullerene-Free Organic Photovoltaic Devices via Temperature-Controlled Slot Die Coating (<i>Adv. Funct. Mater.</i> 6/2019). <i>Advanced Functional Materials</i> , 2019, 29, 1970037.	14.9	1
3	A novel quinoxaline-based donor-acceptor type electrochromic polymer. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 70, 380-384.	5.8	16
4	High Performance Roll-to-Roll Produced Fullerene-Free Organic Photovoltaic Devices via Temperature-Controlled Slot Die Coating. <i>Advanced Functional Materials</i> , 2019, 29, 1805825.	14.9	64
5	Well-defined alternative polymer semiconductor using large size regioregular building blocks as monomers: electrical and electrochemical properties. <i>Journal of Materials Chemistry C</i> , 2018, 6, 5662-5670.	5.5	9
6	Electrodeposition of hydrated vanadium pentoxide on nanoporous carbon cloth for hybrid energy storage. <i>Sustainable Energy and Fuels</i> , 2018, 2, 577-588.	4.9	30
7	Effects of oxidation potential and retention time on electrochromic stability of poly (3-hexyl thiophene) films. <i>Journal of Applied Electrochemistry</i> , 2018, 48, 101-108.	0.784314	18
8	Highly soluble diketopyrrolopyrrole-based donor-acceptor type small molecule for electrochromic applications. <i>Organic Electronics</i> , 2018, 63, 23-28.	2.6	6
9	Single-Step Anodization for the Formation of WO ₃ -Doped TiO ₂ Nanotubes Toward Enhanced Electrochromic Performance. <i>ChemElectroChem</i> , 2018, 5, 3379-3382.	3.4	12
10	Long-Term Cyclability of Electrochromic Poly(3-hexyl thiophene) Films Modified by Surfactant-Assisted Graphene Oxide Layers. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 20223-20230.	8.0	22
11	Pseudocapacitive Desalination of Brackish Water and Seawater with Vanadium-Pentoxide-Decorated Multiwalled Carbon Nanotubes. <i>ChemSusChem</i> , 2017, 10, 3611-3623.	6.8	89
12	Roll-to-roll sputtered ITO/Ag/ITO multilayers for highly transparent and flexible electrochromic applications. <i>Solar Energy Materials and Solar Cells</i> , 2017, 160, 203-210.	6.2	70
13	Effects of Hydrothermal Treatment Duration on Morphology of WO ₃ Nanostructures. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 7719-7722.	0.9	11
14	Roll-to-Roll sputtered ITO/Cu/ITO multilayer electrode for flexible, transparent thin film heaters and electrochromic applications. <i>Scientific Reports</i> , 2016, 6, 33868.	3.3	104
15	A facile approach for carburization of anodically grown titania nanotubes: towards metallization of nanotubes. <i>RSC Advances</i> , 2014, 4, 32599.	3.6	3
16	Electrochemical growth of self-organized TiO ₂ -WO ₃ composite nanotube layers: effects of applied voltage and time. <i>Journal of Applied Electrochemistry</i> , 2013, 43, 9-13.	2.9	17
17	Enhanced Electrochromic Coloration of Poly(3-hexylthiophene) Films by Electrodeposited Au Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 3470-3473.	0.9	7
18	Influence of structural deformation on dye-sensitized solar cells with anodically fabricated self-organized TiO ₂ nanotubes. <i>New Journal of Chemistry</i> , 2011, 35, 2521.	2.8	6

#	ARTICLE	IF	CITATIONS
19	Doped TiO ₂ and TiO ₂ Nanotubes: Synthesis and Applications. ChemPhysChem, 2010, 11, 2698-2713.	2.1	352
20	Nitrogen doping of nanoporous WO ₃ layers by NH ₃ treatment for increased visible light photoresponse. Nanotechnology, 2010, 21, 105704.	2.6	81
21	Self-organized nano-tubes of TiO ₂ –MoO ₃ with enhanced electrochromic properties. Chemical Communications, 2009, , 2008.	4.1	72
22	Enhanced electrochromic properties of self-organized nanoporous WO ₃ . Electrochemistry Communications, 2008, 10, 1777-1780.	4.7	122
23	Plasmon enhanced performance of organic solar cells using electrodeposited Ag nanoparticles. Applied Physics Letters, 2008, 93, .	3.3	428
24	TiO ₂ –WO ₃ Composite Nanotubes by Alloy Anodization: Growth and Enhanced Electrochromic Properties. Journal of the American Chemical Society, 2008, 130, 16154-16155.	13.7	219