

Surya Subianto

List of Publications by Year in descending order

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35
papers

1,599
citations

430874

18
h-index

477307

29
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all docs

35
docs citations

35
times ranked

2853
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrospinning: designed architectures for energy conversion and storage devices. <i>Energy and Environmental Science</i> , 2011, 4, 4761.	30.8	654
2	Physical and chemical modification routes leading to improved mechanical properties of perfluorosulfonic acid membranes for PEM fuel cells. <i>Journal of Power Sources</i> , 2013, 233, 216-230.	7.8	148
3	Composite Polymer Electrolyte Containing Ionic Liquid and Functionalized Polyhedral Oligomeric Silsesquioxanes for Anhydrous PEM Applications. <i>ACS Applied Materials & Interfaces</i> , 2009, 1, 1173-1182.	8.0	122
4	Recent advances in polybenzimidazole/phosphoric acid membranes for high-temperature fuel cells. <i>Polymer International</i> , 2014, 63, 1134-1144.	3.1	107
5	Interfacial Interactions in Aprotic Ionic Liquid Based Protonic Membrane and Its Correlation with High Temperature Conductivity and Thermal Properties. <i>Langmuir</i> , 2009, 25, 9240-9251.	3.5	72
6	Dopant-Driven Nanostructured Loose-Tube SnO ₂ Architectures: Alternative Electrocatalyst Supports for Proton Exchange Membrane Fuel Cells. <i>Journal of Physical Chemistry C</i> , 2013, 117, 18298-18307.	3.1	56
7	Negligible degradation upon in situ voltage cycling of a PEMFC using an electrospun niobium-doped tin oxide supported Pt cathode. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 16970-16976.	2.8	37
8	Electrochemical synthesis of melanin free-standing films. <i>Polymer</i> , 2005, 46, 11505-11509.	3.8	36
9	Single step elaboration of size-tuned Pt loaded titania nanofibres. <i>Chemical Communications</i> , 2011, 47, 6834.	4.1	34
10	Polymeric Ionic Liquid Nanoparticle Emulsions as a Corrosion Inhibitor in Anticorrosion Coatings. <i>ACS Omega</i> , 2016, 1, 29-40.	3.5	31
11	Effect of side-chain length on the electrospinning of perfluorosulfonic acid ionomers. <i>Journal of Polymer Science Part A</i> , 2013, 51, 118-128.	2.3	30
12	Facile Fabrication of Polymerizable Ionic Liquid Based-Gel Beads via Thiol-ene Chemistry. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 17298-17306.	8.0	28
13	Composite Electrolyte Membranes from Partially Fluorinated Polymer and Hyperbranched, Sulfonated Polysulfone. <i>Nanomaterials</i> , 2014, 4, 1-18.	4.1	27
14	Induced insolubility of electrospun poly(N-vinylcaprolactam) fibres through hydrogen bonding with Tannic acid. <i>Polymer</i> , 2016, 87, 194-201.	3.8	22
15	Bulk heterojunction organic photovoltaics from water-processable nanomaterials and their facile fabrication approaches. <i>Advances in Colloid and Interface Science</i> , 2016, 235, 56-69.	14.7	21
16	Palladium-catalyzed phosphonation of SEBS block copolymer. <i>Journal of Polymer Science Part A</i> , 2008, 46, 5431-5441.	2.3	20
17	Promising Aquivion Composite Membranes based on Fluoroalkyl Zirconium Phosphate for Fuel Cell Applications. <i>ChemSusChem</i> , 2014, 7, 2176-2184.	6.8	20
18	Zirconium phosphate reinforced short side chain perfluorosulfonic acid membranes for medium temperature proton exchange membrane fuel cell application. <i>Journal of Power Sources</i> , 2014, 262, 407-413.	7.8	20

#	ARTICLE	IF	CITATIONS
19	Sulfonated Thiophene Derivative Stabilized Aqueous Poly(3-hexylthiophene):Phenyl-C ₆₁ -butyric Acid Methyl Ester Nanoparticle Dispersion for Organic Solar Cell Applications. ACS Applied Materials & Interfaces, 2018, 10, 44116-44125.	8.0	18
20	Reactive coaxial electrospinning of ZrP/ZrO ₂ nanofibres. Journal of Materials Chemistry A, 2014, 2, 13359-13365.	10.3	16
21	Novel Thiol-Ene Hybrid Coating for Metal Protection. Coatings, 2016, 6, 17.	2.6	12
22	Improving the Tensile Properties of Wet Spun Silk Fibers Using Rapid Bayesian Algorithm. ACS Biomaterials Science and Engineering, 2020, 6, 3197-3207.	5.2	12
23	On Electrospinning of PFSA: A Comparison between Long and Short-Side Chain Ionomers. ECS Transactions, 2011, 41, 1517-1520.	0.5	11
24	Electropolymerization of Pyrrole on Cotton Fabrics. International Journal of Polymeric Materials and Polymeric Biomaterials, 2005, 54, 141-150.	3.4	10
25	Optimizing a High-Entropy System: Software-Assisted Development of Highly Hydrophobic Surfaces using an Amphiphilic Polymer. ACS Omega, 2019, 4, 15912-15922.	3.5	9
26	Templated electropolymerization of pyrrole in a capillary. Journal of Polymer Science Part A, 2003, 41, 1867-1869.	2.3	8
27	Water-Reprocessable, Reformable, and Ecofriendly Sustainable Material Based on Disulfide-Cross-Linked Polyethyleneimine. ACS Omega, 2017, 2, 3036-3042.	3.5	7
28	Broadband Photon-harvesting Biomolecules for Photovoltaics. , 2006, , 35-65.		3
29	Fundamentals of Electrospinning. , 2015, , 1-28.		2
30	Novel rhodanine based molecular acceptor for organic solar cells. EPJ Photovoltaics, 2017, 8, 80402.	1.6	2
31	Effect of polymerized ionic liquid based gel inhibitor on electrochemical performance of self-assembled nanophase coating. Progress in Organic Coatings, 2018, 120, 143-152.	3.9	2
32	Electrospun Nanofibers for Low-Temperature Proton Exchange Membrane Fuel Cells. , 2015, , 29-60.		2
33	Interfacial Engineering of fullerene using thiophene for solution processable solar cell: Effect of thiophenated fullerene on the miscibility with poly(3-hexylthiophene). Procedia Engineering, 2017, 215, 219-225.	1.2	0
34	The effect of metal ligands on the adsorption of metal coordination complexes on polystyrene nano-beads. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 577, 541-547.	4.7	0
35	Efficient Bayesian Function Optimization of Evolving Material Manufacturing Processes. ACS Omega, 2019, 4, 20571-20578.	3.5	0