Navaphun Kayunkid

List of Publications by Year
in descending order

17	1,175	623734 14	888059 17
papers	citations	h-index	g-index

18	18	18	1546
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structural Model of Regioregular Poly(3-hexylthiophene) Obtained by Electron Diffraction Analysis. Macromolecules, 2010, 43, 4961-4967.	4.8	208
2	Controllable Processes for Generating Large Single Crystals of Poly(3â€hexylthiophene). Angewandte Chemie - International Edition, 2012, 51, 11131-11135.	13.8	165
3	2D Versus 3D Crystalline Order in Thin Films of Regioregular Poly(3â€hexylthiophene) Oriented by Mechanical Rubbing and Epitaxy. Advanced Functional Materials, 2011, 21, 4047-4057.	14.9	148
4	Charge Transport Anisotropy in Highly Oriented Thin Films of the Acceptor Polymer P(NDI2ODâ€T2). Advanced Energy Materials, 2014, 4, 1301659.	19.5	116
5	Orienting Semiâ€Conducting Ï€â€Conjugated Polymers. Macromolecular Rapid Communications, 2014, 35, 9-26.	3.9	111
6	High-Temperature Rubbing: A Versatile Method to Align Ï€-Conjugated Polymers without Alignment Substrate. Macromolecules, 2014, 47, 3871-3879.	4.8	95
7	Impact of Thermal Annealing on the Semicrystalline Nanomorphology of Spin-Coated Thin Films of Regioregular Poly(3-alkylthiophene)s as Observed by High-Resolution Transmission Electron Microscopy and Grazing Incidence X-ray Diffraction. Macromolecules, 2012, 45, 5575-5585.	4.8	66
8	Highly Oriented and Nanotextured Films of Regioregular Poly(3-hexylthiophene) Grown by Epitaxy on the Nanostructured Surface of an Aromatic Substrate. Macromolecules, 2010, 43, 7604-7610.	4.8	60
9	Highly Crystalline Films of PCPDTBT with Branched Side Chains by Solvent Vapor Crystallization: Influence on Optoâ€Electronic Properties. Advanced Materials, 2015, 27, 1223-1228.	21.0	51
10	Structural Models of Poly(cyclopentadithiophene-alt-benzothiadiazole) with Branched Side Chains: Impact of a Single Fluorine Atom on the Crystal Structure and Polymorphism of a Conjugated Polymer. Macromolecules, 2015, 48, 3974-3982.	4.8	34
11	Enhancement in crystallinity of poly(3â€hexylthiophene) thin films prepared by lowâ€temperature drop casting. Journal of Applied Polymer Science, 2012, 125, 2335-2341.	2.6	33
12	Structural Characterization of Highly Oriented Naphthalene-Diimide-Bithiophene Copolymer Films via Vibrational Spectroscopy. Journal of Physical Chemistry B, 2015, 119, 2062-2073.	2.6	19
13	Influence of alkyl side chain length on the in-plane stacking of room temperature and low temperature cast poly(3-alkylthiophene) thin films. European Polymer Journal, 2015, 67, 199-212.	5.4	18
14	Growth and characterizations of tin-doped nickel-phthalocyanine thin film prepared by thermal co-evaporation as a novel nanomaterial. Surface and Coatings Technology, 2016, 306, 101-105.	4.8	11
15	Understanding the Structure and Crystallization of Regioregular Poly (3-hexylthiophene) from the Perspective of Epitaxy. Advances in Polymer Science, 2014, , 83-106.	0.8	10
16	Growth and characterizations of tin doped zinc-phthalocyanine prepared by thermal co-evaporation in high vacuum as a nanomaterial. Japanese Journal of Applied Physics, 2016, 55, 02BB12.	1.5	10
17	Study of optical and electrical properties of tin doped cobalt-phthalocyanine thin films prepared by thermal co-evaporation. AIP Conference Proceedings, 2018, , .	0.4	0