Sangwon Kim

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4211427/publications.pdf

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22	517	933447 10	752698 20
papers	citations	h-index	g-index

22	22	22	839
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Planar orientation of hydrophilic channels by biaxial deformation of perfluorinated sulfonic acid membranes for vanadium redox flow batteries. Journal of Power Sources, 2021, 489, 229497.	7.8	11
2	Charge dynamics on size confined conducting polymers through electron paramagnetic resonance spectroscopy. Organic Electronics, 2020, 85, 105807.	2.6	1
3	High-Mobility Low-Hysteresis Electrolyte-Gated Transistors with a DPP-Benzotriazole Copolymer Semiconductor. Macromolecular Research, 2020, 28, 683-687.	2.4	9
4	Lightâ€Mediated Formation of Reactive Surface Chemical Patterns Using Thermally Crosslinkable Photosensitive Copolymers. Bulletin of the Korean Chemical Society, 2020, 41, 675-681.	1.9	3
5	Photoinduced Modulation of Polymeric Interfacial Behavior Controlling Thin-Film Block Copolymer Wetting. Langmuir, 2020, 36, 3046-3056.	3.5	7
6	Tough and ionically conductive polymer electrolyte composites based on random copolymers with crystallizable side chain architecture. Organic Electronics, 2020, 84, 105788.	2.6	5
7	Crosslinking Effect on Thermal Conductivity of Electrospun Poly(acrylic acid) Nanofibers. Polymers, 2019, 11, 858.	4.5	17
8	Highly Fluorinated Barium Titanate Nanoparticle Dispersion for Fabrication of Lithographically Patterned Thin Films. Materials, 2019, 12, 4045.	2.9	3
9	Highly conductive and mechanically robust nanocomposite polymer electrolytes for solid-state electrochemical thin-film devices. Organic Electronics, 2019, 65, 426-433.	2.6	19
10	Stable polymer brushes with effectively varied grafting density synthesized from highly crosslinked random copolymer thin films. RSC Advances, 2018, 8, 24166-24174.	3.6	11
11	CROSSLINKING EFFECT ON THERMAL CONDUCTIVITY OF ELECTROSPUN POLY(ACRYLIC ACID) NANOFIBERS. , 2018, , .		0
12	Physically Cross-Linked Homopolymer Ion Gels for High Performance Electrolyte-Gated Transistors. ACS Applied Materials & Interfaces, 2017, 9, 8813-8818.	8.0	66
13	Periodic introduction of a Hamilton receptor into a polystyrene backbone for a supramolecular graft copolymer with regular intervals. Polymer Chemistry, 2016, 7, 7152-7160.	3.9	2
14	Orderâ€“disorder transition in thin films of horizontally-oriented cylinder-forming block copolymers: thermal fluctuations vs. preferential wetting. Soft Matter, 2016, 12, 5915-5925.	2.7	6
15	Branched Block Copolymers for Tuning of Morphology and Feature Size in Thin Film Nanolithography. Macromolecules, 2016, 49, 2318-2326.	4.8	47
16	Consequence of Partial Epoxidation on Asymmetric Poly(styrene-<I>b</I>-isoprene) Block Copolymers in Bulk and Thin Films. Science of Advanced Materials, 2016, 8, 231-235.	0.7	0
17	Poly(dimethylsiloxane-b-methyl methacrylate): A Promising Candidate for Sub-10 nm Patterning. Macromolecules, 2015, 48, 3422-3430.	4.8	121
18	Realization of electrically stable organic field-effect transistors using simple polymer blended dielectrics. Organic Electronics, 2015, 21, 111-116.	2.6	19

#	Article	IF	Citations
19	Directed Assembly of Lamellae Forming Block Copolymer Thin Films near the Orderâ€“Disorder Transition. Nano Letters, 2014, 14, 148-152.	9.1	48
20	Consequences of Surface Neutralization in Diblock Copolymer Thin Films. ACS Nano, 2013, 7, 9905-9919.	14.6	59
21	Decoupling Bulk Thermodynamics and Wetting Characteristics of Block Copolymer Thin Films. ACS Macro Letters, 2012, 1, 11-14.	4.8	59
22	Interatomic versus intraatomic Ru interactions in perovskites. Journal of Solid State Chemistry, 2008, 181, 2989-2993.	2.9	4