

# Sangwon Kim

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

517  
citations

933447

10  
h-index

752698

20  
g-index

22  
all docs

22  
docs citations

22  
times ranked

839  
citing authors

#	ARTICLE	IF	CITATIONS
1	Poly(dimethylsiloxane- <i>b</i> -methyl methacrylate): A Promising Candidate for Sub-10 nm Patterning. <i>Macromolecules</i> , 2015, 48, 3422-3430.	4.8	121
2	Physically Cross-Linked Homopolymer Ion Gels for High Performance Electrolyte-Gated Transistors. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 8813-8818.	8.0	66
3	Decoupling Bulk Thermodynamics and Wetting Characteristics of Block Copolymer Thin Films. <i>ACS Macro Letters</i> , 2012, 1, 11-14.	4.8	59
4	Consequences of Surface Neutralization in Diblock Copolymer Thin Films. <i>ACS Nano</i> , 2013, 7, 9905-9919.	14.6	59
5	Directed Assembly of Lamellae Forming Block Copolymer Thin Films near the Order-Disorder Transition. <i>Nano Letters</i> , 2014, 14, 148-152.	9.1	48
6	Branched Block Copolymers for Tuning of Morphology and Feature Size in Thin Film Nanolithography. <i>Macromolecules</i> , 2016, 49, 2318-2326.	4.8	47
7	Realization of electrically stable organic field-effect transistors using simple polymer blended dielectrics. <i>Organic Electronics</i> , 2015, 21, 111-116.	2.6	19
8	Highly conductive and mechanically robust nanocomposite polymer electrolytes for solid-state electrochemical thin-film devices. <i>Organic Electronics</i> , 2019, 65, 426-433.	2.6	19
9	Crosslinking Effect on Thermal Conductivity of Electrospun Poly(acrylic acid) Nanofibers. <i>Polymers</i> , 2019, 11, 858.	4.5	17
10	Stable polymer brushes with effectively varied grafting density synthesized from highly crosslinked random copolymer thin films. <i>RSC Advances</i> , 2018, 8, 24166-24174.	3.6	11
11	Planar orientation of hydrophilic channels by biaxial deformation of perfluorinated sulfonic acid membranes for vanadium redox flow batteries. <i>Journal of Power Sources</i> , 2021, 489, 229497.	7.8	11
12	High-Mobility Low-Hysteresis Electrolyte-Gated Transistors with a DPP-Benzotriazole Copolymer Semiconductor. <i>Macromolecular Research</i> , 2020, 28, 683-687.	2.4	9
13	Photoinduced Modulation of Polymeric Interfacial Behavior Controlling Thin-Film Block Copolymer Wetting. <i>Langmuir</i> , 2020, 36, 3046-3056.	3.5	7
14	Order-disorder transition in thin films of horizontally-oriented cylinder-forming block copolymers: thermal fluctuations vs. preferential wetting. <i>Soft Matter</i> , 2016, 12, 5915-5925.	2.7	6
15	Tough and ionically conductive polymer electrolyte composites based on random copolymers with crystallizable side chain architecture. <i>Organic Electronics</i> , 2020, 84, 105788.	2.6	5
16	Interatomic versus intraatomic Ru interactions in perovskites. <i>Journal of Solid State Chemistry</i> , 2008, 181, 2989-2993.	2.9	4
17	Highly Fluorinated Barium Titanate Nanoparticle Dispersion for Fabrication of Lithographically Patterned Thin Films. <i>Materials</i> , 2019, 12, 4045.	2.9	3
18	Light-Mediated Formation of Reactive Surface Chemical Patterns Using Thermally Crosslinkable Photosensitive Copolymers. <i>Bulletin of the Korean Chemical Society</i> , 2020, 41, 675-681.	1.9	3

#	ARTICLE	IF	CITATIONS
19	Periodic introduction of a Hamilton receptor into a polystyrene backbone for a supramolecular graft copolymer with regular intervals. <i>Polymer Chemistry</i> , 2016, 7, 7152-7160.	3.9	2
20	Charge dynamics on size confined conducting polymers through electron paramagnetic resonance spectroscopy. <i>Organic Electronics</i> , 2020, 85, 105807.	2.6	1
21	Consequence of Partial Epoxidation on Asymmetric Poly(styrene- <i>b</i> -isoprene) Block Copolymers in Bulk and Thin Films. <i>Science of Advanced Materials</i> , 2016, 8, 231-235.	0.7	0
22	CROSSLINKING EFFECT ON THERMAL CONDUCTIVITY OF ELECTROSPUN POLY(ACRYLIC ACID) NANOFIBERS. , 2018, , .		0