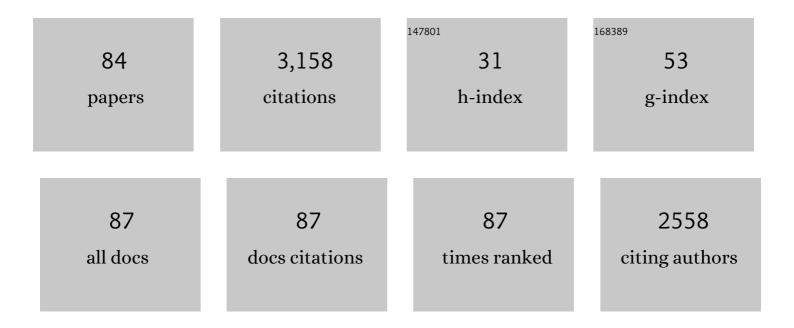
List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Multicolor, dual-image, printed electrochromic displays based on tandem configuration. Chemical Engineering Journal, 2022, 429, 132319.	12.7	28
2	Tunable electrochromic behavior of biphenyl poly(viologen)-based ion gels in all-in-one devices. Organic Electronics, 2022, 100, 106395.	2.6	12
3	Rational molecular design of electrochromic conjugated polymers: Toward high-performance systems with ultrahigh coloration efficiency. Chemical Engineering Journal, 2022, 433, 133808.	12.7	30
4	DNA Optoelectronics: Versatile Systems for On-Demand Functional Electrochemical Applications. ACS Nano, 2022, 16, 241-250.	14.6	5
5	Tailoring Diffusion Dynamics in Energy Storage Ionic Conductors for Highâ€Performance, Multiâ€Function, Single‣ayer Electrochromic Supercapacitors. Advanced Functional Materials, 2022, 32,	14.9	26
6	Isomeric effects of poly-viologens on electrochromic performance and applications in low-power electrochemical devices. Solar Energy Materials and Solar Cells, 2022, 240, 111734.	6.2	10
7	Binary Co-Gelator Strategy: Toward Highly Deformable Ionic Conductors for Wearable Ionoskins. ACS Applied Materials & Interfaces, 2022, 14, 32533-32540.	8.0	3
8	Ion-cluster-mediated ultrafast self-healable ionoconductors for reconfigurable electronics. Nature Communications, 2022, 13, .	12.8	30
9	Enhanced Vertical Hole Mobility through End-on Chain Orientation of Poly(3-hexylthiophene)-based Diblock Copolymers by Microphase Separation. Macromolecules, 2022, 55, 6160-6166.	4.8	3
10	Screen printing of graphene-based nanocomposite inks for flexible organic integrated circuits. Organic Electronics, 2022, 108, 106603.	2.6	3
11	Correlation between ion gel characteristics and performance of ionic pressure sensors. Journal of Materials Chemistry C, 2021, 9, 5445-5451.	5.5	7
12	Functional Ion Gels: Versatile Electrolyte Platforms for Electrochemical Applications. Chemistry of Materials, 2021, 33, 2683-2705.	6.7	51
13	Advanced Side-Impermeability Characteristics of Fluorinated Organic-Inorganic Nanohybrid Materials for Thin Film Encapsulation. Macromolecular Research, 2021, 29, 313-320.	2.4	3
14	Novel triphenylamine containing poly-viologen for voltage-tunable multi-color electrochromic device. Dyes and Pigments, 2021, 190, 109321.	3.7	15
15	Porous Ion Gel: A Versatile Ionotronic Sensory Platform for High-Performance, Wearable Ionoskins with Electrical and Optical Dual Output. ACS Nano, 2021, 15, 15132-15141.	14.6	48
16	Polymeric Ion Conductors Based on Sonoâ€Polymerized Zwitterionic Polymers for Electrochromic Supercapacitors with Improved Shelf‣ife Stability. Macromolecular Rapid Communications, 2021, 42, e2100468.	3.9	6
17	Unveiling the diffusion-controlled operation mechanism of all-in-one type electrochromic supercapacitors: Overcoming slow dynamic response with ternary gel electrolytes. Energy Storage Materials, 2021, 43, 20-29.	18.0	47
18	Asymmetric molecular modification of viologens for highly stable electrochromic devices. RSC Advances, 2020, 10, 394-401.	3.6	30

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19	Voltage-Tunable Dual Image of Electrostatic Force-Assisted Dispensing Printed, Tungsten Trioxide-Based Electrochromic Devices with a Symmetric Configuration. ACS Applied Materials & Interfaces, 2020, 12, 4022-4030.	8.0	27
20	Ionoskins: Nonvolatile, Highly Transparent, Ultrastretchable Ionic Sensory Platforms for Wearable Electronics. Advanced Functional Materials, 2020, 30, 1907290.	14.9	146
21	Impact of chain flexibility of copolymer gelators on performance of ion gel electrolytes for functional electrochemical devices. Journal of Industrial and Engineering Chemistry, 2020, 90, 341-350.	5.8	11
22	Block <i>versus</i> random: effective molecular configuration of copolymer gelators to obtain high-performance gel electrolytes for functional electrochemical devices. Journal of Materials Chemistry C, 2020, 8, 17045-17053.	5.5	8
23	Reliable, High-Performance Electrochromic Supercapacitors Based on Metal-Doped Nickel Oxide. ACS Applied Materials & Interfaces, 2020, 12, 51978-51986.	8.0	99
24	Extremely fast electrochromic supercapacitors based on mesoporous WO3 prepared by an evaporation-induced self-assembly. NPG Asia Materials, 2020, 12, .	7.9	76
25	Ultra-Low Power Electrochromic Heat Shutters Through Tailoring Diffusion-Controlled Behaviors. ACS Applied Materials & Interfaces, 2020, 12, 30635-30642.	8.0	55
26	Non-lithographic direct patterning of carbon nanomaterial electrodes via electrohydrodynamic-printed wettability patterns by polymer brush for fabrication of organic field-effect transistor. Applied Surface Science, 2020, 515, 145989.	6.1	24
27	Semitransparent Energyâ€Storing Functional Photovoltaics Monolithically Integrated with Electrochromic Supercapacitors. Advanced Functional Materials, 2020, 30, 1909601.	14.9	51
28	Various Coating Methodologies of WO3 According to the Purpose for Electrochromic Devices. Nanomaterials, 2020, 10, 821.	4.1	18
29	Mechanically robust and thermally stable electrochemical devices based on star-shaped random copolymer gel-electrolytes. Journal of Industrial and Engineering Chemistry, 2020, 88, 233-240.	5.8	7
30	3D Printed, Customizable, and Multifunctional Smart Electronic Eyeglasses for Wearable Healthcare Systems and Human–Machine Interfaces. ACS Applied Materials & Interfaces, 2020, 12, 21424-21432.	8.0	68
31	Tetrathiafulvalene: effective organic anodic materials for WO ₃ -based electrochromic devices. RSC Advances, 2019, 9, 19450-19456.	3.6	15
32	A facile random copolymer strategy to achieve highly conductive polymer gel electrolytes for electrochemical applications. Journal of Materials Chemistry C, 2019, 7, 161-169.	5.5	42
33	User-Customized, Multicolor, Transparent Electrochemical Displays Based on Oxidatively Tuned Electrochromic Ion Gels. ACS Applied Materials & Interfaces, 2019, 11, 45959-45968.	8.0	51
34	End-on Chain Orientation of Poly(3-alkylthiophene)s on a Substrate by Microphase Separation of Lamellar Forming Amphiphilic Diblock Copolymer. Macromolecules, 2019, 52, 6734-6740.	4.8	16
35	Non-volatile, phase-transition smart gels visually indicating <i>in situ</i> thermal status for sensing applications. Nanoscale, 2019, 11, 16733-16742.	5.6	21
36	Cone-jet printing of aligned silver nanowire/poly(ethylene oxide) composite electrodes for organic thin-film transistors. Organic Electronics, 2019, 69, 190-199.	2.6	32

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37	Effects of counter ions on electrochromic behaviors of asymmetrically substituted viologens. Solar Energy Materials and Solar Cells, 2019, 197, 25-31.	6.2	40
38	Performance improvement of yellow emitting electrochemiluminescence devices: Effects of frequency control and coreactant pathway. Organic Electronics, 2019, 65, 394-400.	2.6	9
39	Non-volatile, Li-doped ion gel electrolytes for flexible WO3-based electrochromic devices. Materials and Design, 2019, 162, 45-51.	7.0	53
40	Star-Shaped Block Copolymers: Effective Polymer Gelators of High-Performance Gel Electrolytes for Electrochemical Devices. ACS Applied Materials & amp; Interfaces, 2019, 11, 4399-4407.	8.0	34
41	Highly stable ion gel-based electrochromic devices: Effects of molecular structure and concentration of electrochromic chromophores. Organic Electronics, 2018, 56, 178-185.	2.6	41
42	Mechanically Robust, Highly Ionic Conductive Gels Based on Random Copolymers for Bending Durable Electrochemical Devices. Advanced Functional Materials, 2018, 28, 1706948.	14.9	71
43	Effect of ion migration in electro-generated chemiluminescence depending on the luminophore types and operating conditions. Chemical Science, 2018, 9, 2480-2488.	7.4	33
44	Fabrication of Grid-Type Transparent Conducting Electrodes Based on Controlled Mechanical Fracture. Macromolecular Research, 2018, 26, 157-163.	2.4	7
45	Dual-Function Electrochromic Supercapacitors Displaying Real-Time Capacity in Color. ACS Applied Materials & Interfaces, 2018, 10, 43993-43999.	8.0	82
46	Balancing the Concentrations of Redox Species to Improve Electrochemiluminescence by Tailoring the Symmetry of the AC Voltage. ChemElectroChem, 2018, 5, 2836-2841.	3.4	17
47	Spray-coated transparent hybrid electrodes for high-performance electrochromic devices on plastic. Organic Electronics, 2018, 62, 151-156.	2.6	20
48	Vertically Oriented Nanostructures of Poly(3-dodecylthiophene)-Containing Rod–Coil Block Copolymers. Macromolecules, 2018, 51, 4956-4965.	4.8	8
49	Voltage-Tunable Multicolor, Sub-1.5 V, Flexible Electrochromic Devices Based on Ion Gels. ACS Applied Materials & Interfaces, 2017, 9, 7658-7665.	8.0	138
50	Reduction of Line Edge Roughness of Polystyrene- <i>block</i> -Poly(methyl methacrylate) Copolymer Nanopatterns By Introducing Hydrogen Bonding at the Junction Point of Two Block Chains. ACS Applied Materials & Interfaces, 2017, 9, 31245-31251.	8.0	23
51	Electrostatic-Force-Assisted Dispensing Printing of Electrochromic Gels for Low-Voltage Displays. ACS Applied Materials & Interfaces, 2017, 9, 18994-19000.	8.0	57
52	Novel viologen derivatives for electrochromic ion gels showing a green-colored state with improved stability. Organic Electronics, 2017, 51, 490-495.	2.6	47
53	Optimized low-temperature fabrication of WO ₃ films for electrochromic devices. Journal Physics D: Applied Physics, 2017, 50, 465105.	2.8	24
54	Improvement of brightness, color purity, and operational stability of electrochemiluminescence devices with diphenylanthracene derivatives. Journal of Materials Chemistry C, 2017, 5, 12513-12519.	5.5	25

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55	Thermal stability of ester linkage in the presence of 1,2,3â€Triazole moiety generated by click reaction. Journal of Polymer Science Part A, 2017, 55, 427-436.	2.3	5
56	Flexible conducting electrodes based on an embedded double-layer structure of gold ribbons and silver nanowires. RSC Advances, 2016, 6, 50158-50165.	3.6	4
57	Effect of Molecular Weight on Competitive Self-Assembly of Poly(3-dodecylthiophene)-block-poly(methyl methacrylate) Copolymers. Macromolecules, 2016, 49, 3647-3653.	4.8	14
58	Electrochemiluminescent displays based on ion gels: correlation between device performance and choice of electrolyte. Journal of Materials Chemistry C, 2016, 4, 8448-8453.	5.5	48
59	Low-voltage, simple WO ₃ -based electrochromic devices by directly incorporating an anodic species into the electrolyte. Journal of Materials Chemistry C, 2016, 4, 10887-10892.	5.5	64
60	Microphase Separation of P3HT-Containing Miktoarm Star Copolymers. Macromolecules, 2016, 49, 616-623.	4.8	13
61	Multicolored, Low-Power, Flexible Electrochromic Devices Based on Ion Gels. ACS Applied Materials & Interfaces, 2016, 8, 6252-6260.	8.0	202
62	Vertical Orientation of Nanodomains on Versatile Substrates through Selfâ€Neutralization Induced by Starâ€Shaped Block Copolymers. Advanced Functional Materials, 2015, 25, 5414-5419.	14.9	37
63	Solution Processable, Electrochromic Ion Gels for Sub-1 V, Flexible Displays on Plastic. Chemistry of Materials, 2015, 27, 1420-1425.	6.7	219
64	Phase Behavior of Binary Blend Consisting of Asymmetric Polystyrene- <i>block</i> -poly(2-vinylpyridine) Copolymer and Asymmetric Deuterated Polystyrene- <i>block</i> -poly(4-hydroxystyrene) Copolymer. Macromolecules, 2015, 48, 1262-1266.	4.8	27
65	Synthesis and Characterization of [Poly(3-dodecylthiophene)] ₂ Poly(methyl methacrylate) Miktoarm Star Copolymer. Macromolecules, 2015, 48, 3523-3530.	4.8	24
66	Effect of the Degree of Hydrogen Bonding on Asymmetric Lamellar Microdomains in Binary Block Copolymer Blends. Macromolecules, 2015, 48, 6347-6352.	4.8	31
67	Tuned phase behavior of weakly interacting polystyrene-block-poly(n-pentyl methacrylate) by selective solvent. Polymer, 2014, 55, 951-957.	3.8	6
68	Solution-Processable Electrochemiluminescent Ion Gels for Flexible, Low-Voltage, Emissive Displays on Plastic. Journal of the American Chemical Society, 2014, 136, 3705-3712.	13.7	204
69	Phase Behavior of Star-Shaped Polystyrene- <i>block</i> -poly(methyl methacrylate) Copolymers. Macromolecules, 2014, 47, 5295-5302.	4.8	32
70	DC-Driven, Sub-2 V Solid-State Electrochemiluminescent Devices by Incorporating Redox Coreactants into Emissive Ion Gels. Chemistry of Materials, 2014, 26, 5358-5364.	6.7	52
71	Facile synthesis for wellâ€defined A ₂ B miktoarm star copolymer of poly(3â€hexylthiophene) and poly(methyl methacrylate) by the combination of anionic polymerization and click reaction. Journal of Polymer Science Part A, 2013, 51, 2225-2232.	2.3	24
72	Air-stable inverted structure of hybrid solar cells using a cesium-doped ZnO electron transport layer prepared by a sol–gel process. Journal of Materials Chemistry A, 2013, 1, 11802.	10.3	30

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73	In situ TEM observation of phase transition of the nanoscopic patterns on baroplastic block copolymer films during nanoindentation. Nanoscale, 2013, 5, 4351.	5.6	4
74	Phase segregation of poly(3-dodecylthiophene)-block-poly(methyl methacrylate) copolymers. Polymer, 2013, 54, 5437-5442.	3.8	19
75	Improvement of power conversion efficiency of P3HT:CdSe hybrid solar cells by enhanced interconnection of CdSe nanorods via decomposable selenourea. Journal of Materials Chemistry A, 2013, 1, 2401.	10.3	12
76	Pressure Effect of Various Inert Gases on the phase Behavior of Polystyrene-block-Poly(n-pentyl) Tj ETQq0 0 0 rgBT	Overlock 4.8	10 Tf 50 62
77	Self-Assembly of Poly(3-dodecylthiophene)- <i>block</i> -poly(methyl methacrylate) Copolymers Driven by Competition between Microphase Separation and Crystallization. Macromolecules, 2012, 45, 5201-5207.	4.8	51
78	Isomeric Effects on the Phase Behavior of Polystyrene-block-poly(pentyl methacrylate) Copolymers. Macromolecules, 2012, 45, 3639-3643.	4.8	6
79	Facile Synthetic Route for Well-Defined Poly(3-hexylthiophene)-block-poly(methyl methacrylate) Copolymer by Anionic Coupling Reaction. Macromolecules, 2011, 44, 1894-1899.	4.8	49
80	Exfoliation of organoclay nanocomposites based on polystyrene-block-polyisoprene-block-poly(2-vinylpyridine) copolymer: Solution blending versus melt blending. Polymer, 2010, 51, 936-952.	3.8	18
81	Facile Synthesis of Well-Defined Coilâ^'Rodâ^'Coil Block Copolymer Composed of Regioregular	4.8	58

81	Poly(3-hexylthiophene) via Anionic Coupling Reaction. Macromolecules, 2010, 43, 1747-1752.	4.8	58
82	Tuning the Phase Behavior of Polystyrene- <i>block</i> -poly(<i>n</i> -alkyl methacrylate) Copolymers by Introducing Random Copolymer for Methacrylate Block. Macromolecules, 2009, 42, 5406-5410.	4.8	11
83	Phase Behavior of Polystyrene-block-Poly(n-butyl-ran-n-hexyl) Methacrylate Copolymers. Macromolecules, 2008, 41, 6793-6799.	4.8	20
84	Effect of neutral solvent on the phase behavior of polystyrene-block-poly(n-butyl methacrylate) copolymers. Macromolecular Research, 2007, 15, 656-661.	2.4	10