

List of Publications by Year in  
Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

234 papers	10,716 citations	57 h-index	94 g-index
250 ext. papers	12,074 ext. citations	6.3 avg, IF	6.68 L-index

#	Paper	IF	Citations
234	Nylons <b>2022</b> , 153-183		
233	Significant improvements in the electromechanical performance of dielectric elastomers by introducing ternary dipolar groups. <i>Reactive and Functional Polymers</i> , <b>2022</b> , 172, 105177	4.6	1
232	Enhancing breakdown strength and lifetime of multilayer dielectric films by using high temperature polycarbonate skin layers. <i>Energy Storage Materials</i> , <b>2022</b> , 45, 494-503	19.4	1
231	Single fibre enables acoustic fabrics via nanometre-scale vibrations.. <i>Nature</i> , <b>2022</b> ,	50.4	25
230	Relaxor ferroelectric polymer exhibits ultrahigh electromechanical coupling at low electric field.. <i>Science</i> , <b>2022</b> , 375, 1418-1422	33.3	12
229	Adaptable Multivalent Hairy Inorganic Nanoparticles. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 16919-16924	16.4	6
228	Capillary Action-Inspired Nanoengineering of Spheres-on-Sphere Microspheres with Hollow Core and Hierarchical Shell. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 14669-14678	9.5	2
227	Enabling large actuated strain at low electric field by grafting cyanoester dipoles onto a poly(styrene-b-butadiene-b-styrene) elastomer using thiol-ene click chemistry. <i>Polymer</i> , <b>2021</b> , 221, 123590	3.0	4
226	Facile Synthesis of Two-Dimensional Iron/Cobalt Metal-Organic Framework for Efficient Oxygen Evolution Electrocatalysis. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 12204-12209	3.6	5
225	Facile Synthesis of Two-Dimensional Iron/Cobalt Metal-Organic Framework for Efficient Oxygen Evolution Electrocatalysis. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 12097-12102	16.4	44
224	Tailoring electrocatalytic activity of in situ crafted perovskite oxide nanocrystals via size and dopant control. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	7
223	Electromechanical deformation and failure of multilayered films. <i>Journal of Applied Polymer Science</i> , <b>2021</b> , 138, 50298	2.9	1
222	Enhanced piezoelectricity from highly polarizable oriented amorphous fractions in biaxially oriented poly(vinylidene fluoride) with pure $\beta$ -crystals. <i>Nature Communications</i> , <b>2021</b> , 12, 675	17.4	27
221	Enhancing Electrostrictive Actuation via Strong Electrostatic Repulsion among Field-Induced Nanodomains in a Relaxor Ferroelectric Poly(vinylidene fluoride--trifluoroethylene--chlorotrifluoroethylene) Random Terpolymer. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 42063-42073	9.5	2
220	Challenges and Opportunities of Polymer Nanodielectrics for Capacitive Energy Storage. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 37939-37960	9.5	21
219	Bidirectional Modulation of Contact Thermal Resistance between Boron Nitride Nanotubes from a Polymer Interlayer. <i>Nano Letters</i> , <b>2021</b> , 21, 7317-7324	11.5	5
218	Ordered hexagonal columnar liquid crystalline self-assembly of mesogen-free sulfonylated side-chain chiral polyethers and their high dielectric property. <i>Giant</i> , <b>2021</b> , 8, 100079	5.6	3

217	Giant spontaneous polarization for enhanced ferroelectric properties of biaxially oriented poly(vinylidene fluoride) by mobile oriented amorphous fractions. <i>Journal of Materials Chemistry C</i> , <b>2021</b> , 9, 894-907	7.1	12
216	Peroxidase- and UV-triggered oxidase mimetic activities of the UiO-66-NH/chitosan composite membrane for antibacterial properties. <i>Biomaterials Science</i> , <b>2021</b> , 9, 2647-2657	7.4	8
215	Effects of Rigid Amorphous Fraction and Lamellar Crystal Orientation on Electrical Insulation of Poly(ethylene terephthalate) Films. <i>Macromolecules</i> , <b>2020</b> , 53, 3967-3977	5.5	8
214	Grafting density-induced smectic A to hexagonal columnar transition in mesogen-free isotactic liquid crystalline polyethers with n-dodecylsulfonyl side groups. <i>Giant</i> , <b>2020</b> , 1, 100003	5.6	5
213	Intrinsic polymer dielectrics for high energy density and low loss electric energy storage. <i>Progress in Polymer Science</i> , <b>2020</b> , 106, 101254	29.6	63
212	Electro-mechanical deformation of amorphous and semi-crystalline polymeric films. <i>Journal of Applied Polymer Science</i> , <b>2020</b> , 137, 49229	2.9	1
211	Reducing dielectric loss and enhancing electrical insulation for multilayer polymer films by nanoconfined ion transport under high poling electric fields. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 6102-6117	7.1	9
210	Reducing dielectric loss by nanoconfined impurity ion transport in multilayer films under low electric fields. <i>Composites Part B: Engineering</i> , <b>2020</b> , 190, 107908	10	17
209	Effects of tacticity and chiral center-to-dipole distance on mesogen-free liquid crystalline self-assembly of sulfonyl-containing comb-like polymers. <i>Polymer Chemistry</i> , <b>2020</b> , 11, 3018-3031	4.9	3
208	Electroactive fluoropolymers and polyamides <b>2020</b> , 83-114		0
207	Dispersity control and anti-corrosive performance of graphene oxide modified by functionalized nanosilica in waterborne polyurethane. <i>Nanotechnology</i> , <b>2020</b> , 31, 205708	3.4	5
206	A novel approach toward Snowman-like polymer/SiO hybrid nanoparticles via gas-driving. <i>Chemical Communications</i> , <b>2020</b> , 56, 3277-3280	5.8	2
205	A Robust, Tough and Multifunctional Polyurethane/Tannic Acid Hydrogel Fabricated by Physical-Chemical Dual Crosslinking. <i>Polymers</i> , <b>2020</b> , 12,	4.5	13
204	Hollow mesoporous silica with a hierarchical shell from in situ synergistic soft-hard double templates. <i>Nanoscale</i> , <b>2020</b> , 12, 10863-10871	7.7	9
203	Tough, thermo-Responsive, biodegradable and fast self-healing polyurethane hydrogel based on microdomain-closed dynamic bonds design. <i>Materials Today Communications</i> , <b>2020</b> , 25, 101569	2.5	9
202	High- $\beta$ polymers of intrinsic microporosity: a new class of high temperature and low loss dielectrics for printed electronics. <i>Materials Horizons</i> , <b>2020</b> , 7, 592-597	14.4	43
201	Facile fabrication of dual-crosslinked single network heterostructural polyurethane hydrogels with superior mechanical and fluorescent performance. <i>Reactive and Functional Polymers</i> , <b>2020</b> , 146, 104433	4.6	5
200	Achieving Flat-on Primary Crystals by Nanoconfined Crystallization in High-Temperature Polycarbonate/Poly(vinylidene fluoride) Multilayer Films and Its Effect on Dielectric Insulation. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 44892-44901	9.5	8

- 199 Origins of Electrostriction in Poly(vinylidene fluoride)-Based Ferroelectric Polymers. *Macromolecules*, **2020**, 53, 10942-10954 5.5 9
- 198 Supramolecular Self-Assembly of Discotic Liquid Crystalline LEGOs. *Polymers and Polymeric Composites*, **2020**, 217-248 0.6
- 197 Synthesis of Amphiphilic and Double Hydrophilic Star-like Block Copolymers and the Dual pH-Responsiveness of Unimolecular Micelle. *Macromolecules*, **2020**, 53, 8286-8295 5.5 9
- 196 A waterborne coating for robust superamphiphobic surfaces. *Progress in Organic Coatings*, **2020**, 138, 105368 4.8 11
- 195 Deformation and failure of polycarbonate in an electric field. *Journal of Applied Polymer Science*, **2020**, 137, 48341 2.9 1
- 194 Highly Stable Reduced Graphene Oxide Wrapped Black Phosphorus Heterostructure with Superior Photocatalytic Performance under Visible Light. *ACS Applied Materials & Interfaces*, **2020**, 12, 20035-20043<sup>20</sup> 9.5
- 193 Tacticity Effect on Mesogen-Free Liquid Crystalline Self-assembly Induced by Strong Dipole-Dipole Interactions. *Macromolecules*, **2019**, 52, 3601-3611 5.5 8
- 192 Robust, Transparent, and Superhydrophobic Coating Fabricated with Waterborne Polyurethane and Inorganic Nanoparticle Composites. *Industrial & Engineering Chemistry Research*, **2019**, 58, 8050-8060 3.9 39
- 191 High Dielectric Constant Polycarbonate/Nylon Multilayer Films Capacitors with Self-Healing Capability. *ACS Applied Polymer Materials*, **2019**, 1, 867-875 4.3 35
- 190 Morphological effects on dielectric properties of poly(vinylidene fluoride-co-hexafluoropropylene) blends and multilayer films. *Polymer*, **2019**, 172, 221-230 3.9 21
- 189 Revisiting the Classical Emulsion Polymerization: An Intriguing Occurrence of Monodispersed Bowl-Shaped Particles. *Industrial & Engineering Chemistry Research*, **2019**, 58, 14154-14160 3.9 4
- 188 Mesophase Structure-Enabled Electrostrictive Property in Nylon-12-Based Poly(ether-block-amide) Copolymers. *Macromolecular Materials and Engineering*, **2019**, 304, 1900330 3.9 3
- 187 High dielectric constant dipolar glass polymer based on sulfonylated poly(ether ether ketone). *Polymer*, **2019**, 178, 121688 3.9 16
- 186 A zinc(II) complex of di(naphthylethynyl)azadipyrromethene with low synthetic complexity leads to OPV with high industrial accessibility. *Journal of Materials Chemistry A*, **2019**, 7, 24614-24625 13 6
- 185 Polymer multilayer films for high temperature capacitor application. *Journal of Applied Polymer Science*, **2019**, 136, 47535 2.9 20
- 184 Nature of Ferroelectric Behavior in Main-Chain Dipolar Glass Nylons: Cooperative Segmental Motion Induced by High Poling Electric Field. *Macromolecules*, **2018**, 51, 1967-1977 5.5 11
- 183 Understanding reversible Maxwellian electroactuation in a 3M VHB dielectric elastomer with prestrain. *Polymer*, **2018**, 144, 150-158 3.9 16
- 182 Synergetic enhancement of thermal conductivity by constructing hybrid conductive network in the segregated polymer composites. *Composites Science and Technology*, **2018**, 162, 7-13 8.6 105

181	Polymer Nanodielectrics: Current Accomplishments and Future Challenges for Electric Energy Storage <b>2018</b> , 1-48		1
180	Reduction of Ionic Conduction Loss in Multilayer Dielectric Films by Immobilizing Impurity Ions in High Glass Transition Temperature Polymer Layers. <i>ACS Applied Energy Materials</i> , <b>2018</b> , 1, 775-782	6.1	30
179	High-Temperature and High-Energy-Density Dipolar Glass Polymers Based on Sulfonylated Poly(2,6-dimethyl-1,4-phenylene oxide). <i>Angewandte Chemie</i> , <b>2018</b> , 130, 1544-1547	3.6	34
178	High-Temperature and High-Energy-Density Dipolar Glass Polymers Based on Sulfonylated Poly(2,6-dimethyl-1,4-phenylene oxide). <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 1528-1531	16.4	79
177	Enhanced thermal conductivity of polyethylene/boron nitride multilayer sheets through annealing. <i>Composites Part A: Applied Science and Manufacturing</i> , <b>2018</b> , 107, 135-143	8.4	42
176	Can Relaxor Ferroelectric Behavior Be Realized for Poly(vinylidene fluoride-co-chlorotrifluoroethylene) [P(VDF/CTFE)] Random Copolymers by Inclusion of CTFE Units in PVDF Crystals?. <i>Macromolecules</i> , <b>2018</b> , 51, 5460-5472	5.5	24
175	Flat-On Secondary Crystals as Effective Blocks To Reduce Ionic Conduction Loss in Polysulfone/Poly(vinylidene fluoride) Multilayer Dielectric Films. <i>Macromolecules</i> , <b>2018</b> , 51, 5019-5026	5.5	22
174	High Dielectric Constant Sulfonyl-Containing Dipolar Glass Polymers with Enhanced Orientational Polarization. <i>Macromolecules</i> , <b>2018</b> , 51, 6257-6266	5.5	45
173	Architecture and Performance of Raspberry-like Colloidal Particle Clusters via Self-Assembly of in Situ Generated Janus Particles. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2018</b> , 57, 8907-8917	3.9	12
172	Supramolecular Self-assembly of Discotic Liquid Crystalline LEGOs <b>2018</b> , 1-32		
171	High Dielectric Constant Semiconducting Poly(3-alkylthiophene)s from Side Chain Modification with Polar Sulfinyl and Sulfonyl Groups. <i>Macromolecules</i> , <b>2018</b> , 51, 9368-9381	5.5	27
170	Effect of ion-dipole interaction on the formation of polar extended-chain crystals in high pressure-crystallized poly(vinylidene fluoride). <i>Polymer</i> , <b>2018</b> , 158, 204-212	3.9	15
169	Facile synthesis of fluorinated poly(arylene ether nitrile) and its dielectric properties. <i>Journal of Applied Polymer Science</i> , <b>2018</b> , 135, 46837	2.9	13
168	Facile fabrication, morphology control, and modification of polymeric yolk-shell microspheres. <i>Nanotechnology</i> , <b>2018</b> , 29, 455602	3.4	2
167	Highly Anisotropic, Thermally Conductive, and Mechanically Strong Polymer Composites with Nacre-like Structure for Thermal Management Applications. <i>ACS Applied Nano Materials</i> , <b>2018</b> , 1, 3312-3320	5.6	35
166	Enhanced Thermal Conductivity of Segregated Poly(vinylidene fluoride) Composites via Forming Hybrid Conductive Network of Boron Nitride and Carbon Nanotubes. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2018</b> , 57, 10391-10397	3.9	47
165	50th Anniversary Perspective: Dielectric Phenomena in Polymers and Multilayered Dielectric Films. <i>Macromolecules</i> , <b>2017</b> , 50, 2239-2256	5.5	191
164	Synergistic dielectric and semiconducting properties in fluorescein monopotassium salt random copolymers. <i>Polymer</i> , <b>2017</b> , 114, 189-198	3.9	4

163	The Role of Field Electron Emission in Polypropylene/Aluminum Nanodielectrics Under High Electric Fields. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 10106-10119	9.5	27
162	Stretching-Induced Relaxor Ferroelectric Behavior in a Poly(vinylidene fluoride-co-trifluoroethylene-co-hexafluoropropylene) Random Terpolymer. <i>Macromolecules</i> , <b>2017</b> , 50, 7646-7656	5.5	22
161	Enhanced dielectric properties due to space charge-induced interfacial polarization in multilayer polymer films. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 10417-10426	7.1	66
160	Understanding the Paraelectric Double Hysteresis Loop Behavior in Mesomorphic Even-Numbered Nylons at High Temperatures. <i>Macromolecules</i> , <b>2017</b> , 50, 5816-5829	5.5	22
159	Achieving Relaxor Ferroelectric-like Behavior in Nylon Random Copolymers and Terpolymers. <i>Macromolecules</i> , <b>2017</b> , 50, 9360-9372	5.5	15
158	Raspberry-like patchy particles achieved by decorating carboxylated polystyrene cores with snowman-like poly(vinylidene fluoride)/poly(4-vinylpyridine) Janus particles. <i>Polymer</i> , <b>2017</b> , 122, 139-147	4.9	17
157	Thermally Stable Metallic Nanoparticles Prepared via Core-Cross-linked Block Copolymer Micellar Nanoreactors. <i>Langmuir</i> , <b>2017</b> , 33, 6353-6362	4	7
156	Effects of internal and external electronic conduction in sodium titanate nanotubes on dielectric loss mechanisms in relaxor ferroelectric polymer nanocomposites. <i>Polymer</i> , <b>2016</b> , 103, 73-82	3.9	9
155	Intriguing Morphology Evolution from Noncrosslinked Poly(tert-butyl acrylate) Seeds with Polar Functional Groups in Soap-Free Emulsion Polymerization of Styrene. <i>Langmuir</i> , <b>2016</b> , 32, 7829-40	4	20
154	Dipole correlation effects on the local field and the effective dielectric constant in composite dielectrics containing high-k inclusions. <i>Physical Chemistry Chemical Physics</i> , <b>2016</b> , 18, 19103-17	3.6	28
153	Interfacial Polarization-Induced Loss Mechanisms in Polypropylene/BaTiO <sub>3</sub> Nanocomposite Dielectrics. <i>Chemistry of Materials</i> , <b>2016</b> , 28, 4646-4660	9.6	150
152	Unprecedented self-assembly of precise molecular particles. <i>National Science Review</i> , <b>2016</b> , 3, 3-4	10.8	
151	Segmental dynamics and the correlation length in nanoconfined PMMA. <i>Polymer</i> , <b>2016</b> , 88, 133-136	3.9	23
150	Self-organization of homopolymer brush- and mixed homopolymer brush-grafted silica nanoparticles in block copolymers and polymer blends. <i>Polymer</i> , <b>2016</b> , 90, 9-17	3.9	11
149	Understanding Nonlinear Dielectric Properties in a Biaxially Oriented Poly(vinylidene fluoride) Film at Both Low and High Electric Fields. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 455-65	9.5	37
148	Loading and Delivery Characteristics of Binary Mixed Polymer Brush-Grafted Silica Nanoparticles. <i>Macromolecular Chemistry and Physics</i> , <b>2016</b> , 217, 1767-1776	2.6	7
147	Self-Assembled Colloidal Particle Clusters from In Situ Pickering-Like Emulsion Polymerization via Single Electron Transfer Mechanism. <i>Macromolecular Rapid Communications</i> , <b>2016</b> , 37, 1282-7	4.8	19
146	Hierarchical Superstructures Assembled by Binary Hairy Nanoparticles. <i>ACS Macro Letters</i> , <b>2016</b> , 5, 718-723	7.3	12



145	Effects of Interphase Modification and Biaxial Orientation on Dielectric Properties of Poly(ethylene terephthalate)/Poly(vinylidene fluoride-co-hexafluoropropylene) Multilayer Films. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 13555-66	9.5	64
144	Unified Understanding of Ferroelectricity in n-Nylons: Is the Polar Crystalline Structure a Prerequisite?. <i>Macromolecules</i> , <b>2016</b> , 49, 3070-3082	5.5	41
143	Reversible thermochromism via hydrogen-bonded cocrystals of polydiacetylene and melamine. <i>Polymer</i> , <b>2016</b> , 105, 440-448	3.9	11
142	Achieving high dielectric constant and low loss property in a dipolar glass polymer containing strongly dipolar and small-sized sulfone groups. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 5248-5257	9.5	110
141	Analysis of the actuation properties of charged multilayer films. <i>Journal of Applied Physics</i> , <b>2015</b> , 117, 034504	2.5	8
140	In Situ Characterization of Binary Mixed Polymer Brush-Grafted Silica Nanoparticles in Aqueous and Organic Solvents by Cryo-Electron Tomography. <i>Langmuir</i> , <b>2015</b> , 31, 8680-8	4	22
139	Self-Stratified Antimicrobial Acrylic Coatings via One-Step UV Curing. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 18467-72	9.5	59
138	Semicrystalline Structure-Dielectric Property Relationship and Electrical Conduction in a Biaxially Oriented Poly(vinylidene fluoride) Film under High Electric Fields and High Temperatures. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 19894-905	9.5	93
137	The effect of strain-hardening on the morphology and mechanical and dielectric properties of multi-layered PP foam/PP film. <i>Polymer</i> , <b>2015</b> , 70, 173-182	3.9	23
136	Environmentally responsive self-assembly of mixed poly(tert-butyl acrylate)-polystyrene brush-grafted silica nanoparticles in selective polymer matrices. <i>Soft Matter</i> , <b>2015</b> , 11, 5501-12	3.6	14
135	Polymorphic Extended-Chain and Folded-Chain Crystals in Poly(vinylidene fluoride) Achieved by Combination of High Pressure and Ion-Dipole Interaction. <i>Macromolecules</i> , <b>2015</b> , 48, 8565-8573	5.5	35
134	Synthesis and characterization of high nitrile content polyimides as dielectric films for electrical energy storage. <i>Journal of Polymer Science Part A</i> , <b>2015</b> , 53, 422-436	2.5	64
133	A Robust Multilayer Dielectric Elastomer Actuator. <i>Materials Research Society Symposia Proceedings</i> , <b>2015</b> , 1718, 145-155		
132	Nonspherical nanoparticles with controlled morphologies via seeded surface-initiated single electron transfer radical polymerization in soap-free emulsion. <i>Langmuir</i> , <b>2015</b> , 31, 4087-95	4	18
131	Facile synthesis of crosslinked core/shell silver nanoparticles with significantly improved thermal stability. <i>European Polymer Journal</i> , <b>2015</b> , 68, 379-384	5.2	7
130	A simulation study of the electrostriction effects in dielectric elastomer composites containing polarizable inclusions with different spatial distributions. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 32479-97	3.6	22
129	Synthesis of Sulfonic Acid-Containing Polybenzoxazine for Proton Exchange Membrane in Direct Methanol Fuel Cells. <i>Macromolecules</i> , <b>2014</b> , 47, 1039-1045	5.5	47
128	Enhancing electrical energy storage using polar polyimides with nitrile groups directly attached to the main chain. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 20683-20696	13	62

127	Relaxor Ferroelectric Behavior from Strong Physical Pinning in a Poly(vinylidene fluoride-co-trifluoroethylene-co-chlorotrifluoroethylene) Random Terpolymer. <i>Macromolecules</i> , <b>2014</b> , 47, 8119-8125	5.5	79
126	Composite Poly(vinylidene fluoride)/Polystyrene Latex Particles for Confined Crystallization in 180 nm Nanospheres via Emulsifier-Free Batch Seeded Emulsion Polymerization. <i>Macromolecules</i> , <b>2014</b> , 47, 2632-2644	5.5	37
125	Effect of Molecular Weight on Lateral Microphase Separation of Mixed Homopolymer Brushes Grafted on Silica Particles. <i>Macromolecules</i> , <b>2014</b> , 47, 6824-6835	5.5	33
124	Magnetomechanical response of bilayered magnetic elastomers. <i>Smart Materials and Structures</i> , <b>2014</b> , 23, 115004	3.4	16
123	Exploring Strategies for High Dielectric Constant and Low Loss Polymer Dielectrics. <i>Journal of Physical Chemistry Letters</i> , <b>2014</b> , 5, 3677-87	6.4	381
122	Multiple stage crystallization of gamma phase poly(vinylidene fluoride) induced by ion-dipole interaction as revealed by time-resolved FTIR and two-dimensional correlation analysis. <i>Polymer</i> , <b>2014</b> , 55, 4765-4775	3.9	27
121	Interfacial polarization and layer thickness effect on electrical insulation in multilayered polysulfone/poly(vinylidene fluoride) films. <i>Polymer</i> , <b>2014</b> , 55, 8-14	3.9	91
120	Fracture phenomena in micro- and nano-layered polycarbonate/poly(vinylidene fluoride-co-hexafluoropropylene) films under electric field for high energy density capacitors. <i>Journal of Applied Polymer Science</i> , <b>2014</b> , 131, n/a-n/a	2.9	10
119	Neural responses to unfairness and fairness depend on self-contribution to the income. <i>Social Cognitive and Affective Neuroscience</i> , <b>2014</b> , 9, 1498-505	4	32
118	Achieving high electric energy storage in a polymer nanocomposite at low filling ratios using a highly polarizable phthalocyanine interphase. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2014</b> , 52, 1669-1680	2.6	39
117	Direct Visualization of Three-Dimensional Morphology in Hierarchically Self-Assembled Mixed Poly(tert-butyl acrylate)/Polystyrene Brush-Grafted Silica Nanoparticles. <i>Macromolecules</i> , <b>2013</b> , 46, 6575-6584	5.5	33
116	Investigation of ferroelectric properties and structural relaxation dynamics of polyvinylidene fluoride thin film via second harmonic generation. <i>Applied Physics Letters</i> , <b>2013</b> , 103, 072901	3.4	12
115	Selective detection of metal ions based on nanocrystalline ionochromic polydiacetylene. <i>Polymer</i> , <b>2013</b> , 54, 743-749	3.9	26
114	Novel polymer ferroelectric behavior via crystal isomorphism and the nanoconfinement effect. <i>Polymer</i> , <b>2013</b> , 54, 1709-1728	3.9	208
113	Macroscopic highly aligned DNA nanowires created by controlled evaporative self-assembly. <i>ACS Nano</i> , <b>2013</b> , 7, 4326-33	16.7	55
112	Interphase/interface modification on the dielectric properties of polycarbonate/poly(vinylidene fluoride-co-hexafluoropropylene) multilayer films for high-energy density capacitors. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2013</b> , 51, 978-991	2.6	59
111	Effect of biaxial orientation on dielectric and breakdown properties of poly(ethylene terephthalate)/poly(vinylidene fluoride-co-tetrafluoroethylene) multilayer films. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2013</b> , 51, 882-896	2.6	67
110	Crystal Orientation and Temperature Effects on Double Hysteresis Loop Behavior in a Poly(vinylidene fluoride-co-trifluoroethylene-co-chlorotrifluoroethylene)-graft-Polystyrene Graft Copolymer. <i>Macromolecules</i> , <b>2013</b> , 46, 9698-9711	5.5	61



109	Binary mixed homopolymer brushes grafted on nanorod particles: a self-consistent field theory study. <i>Journal of Chemical Physics</i> , <b>2013</b> , 139, 214902	3.9	21
108	Nanodroplet Formations in Electrospun Fibers of Immiscible Polymer Blends and Their Effects on Fractionated Crystallization. <i>Lecture Notes in Nanoscale Science and Technology</i> , <b>2013</b> , 25-50	0.3	2
107	High-Temperature Dielectric Polyimide Films for Energy Storage Applications. <i>Materials Research Society Symposia Proceedings</i> , <b>2013</b> , 1541, 72201		0
106	Ferroelectric behavior in the high temperature paraelectric phase in a poly(vinylidene fluoride-co-trifluoroethylene) random copolymer. <i>Polymer</i> , <b>2012</b> , 53, 728-739	3.9	39
105	Synthesis and Characterization of Azadipyrromethene-alt-p-Phenylene Ethynylene Conjugated Polymers and Their Chelates. <i>Macromolecules</i> , <b>2012</b> , 45, 7404-7412	5.5	30
104	Role of ion-dipole interactions in nucleation of gamma poly(vinylidene fluoride) in the presence of graphene oxide during melt crystallization. <i>Journal of Physical Chemistry B</i> , <b>2012</b> , 116, 14951-60	3.4	49
103	Effect of Overall Grafting Density on Microphase Separation of Mixed Homopolymer Brushes Synthesized from Y-Initiator-Functionalized Silica Particles. <i>Macromolecules</i> , <b>2012</b> , 45, 8027-8036	5.5	44
102	Evolution of nanodroplets and fractionated crystallization in thermally annealed electrospun blend fibers of poly(vinylidene fluoride) and polysulfone. <i>Polymer</i> , <b>2012</b> , 53, 4472-4480	3.9	25
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