Stephen J Picken

List of Publications by Year
in descending order

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		87888	98798
158	5,596	38	67
papers	citations	h-index	g-index

162	162	162	6185
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Liquid Crystalline Perylene Diimides:â€‰ Architecture and Charge Carrier Mobilities. Journal of the American Chemical Society, 2000, 122, 11057-11066.	13.7	499
2	Responsive biomimetic networks from polyisocyanopeptide hydrogels. Nature, 2013, 493, 651-655.	27.8	441
3	Synthesis and Supramolecular Chemistry of Novel Liquid Crystalline Crown Ether-Substituted Phthalocyanines: Toward Molecular Wires and Molecular Ionoelectronics. Journal of the American Chemical Society, 1995, 117, 9957-9965.	13.7	365
4	Structure and rheology of aramid solutions: x-ray scattering measurements. Macromolecules, 1990, 23, 3849-3854.	4.8	168
5	Moisture absorption in polyamide-6 silicate nanocomposites and its influence on the mechanical properties. Polymer, 2005, 46, 12567-12576.	3.8	120
6	Supramolecular Structure, Physical Properties, and Langmuirâ€Blodgett Film Formation of an Optically Active Liquidâ€Crystalline Phthalocyanine. Chemistry - A European Journal, 1995, 1, 171-182.	3.3	103
7	Simultaneous electrochemical determination of nitrate and nitrite in aqueous solution using Ag-doped zeolite-expanded graphite-epoxy electrode. Talanta, 2010, 83, 66-71.	5.5	90
8	Enhanced hardening of soft self-assembled copolymer gels under homogeneous magnetic fields. Soft Matter, 2010, 6, 4497.	2.7	89
9	Cooperative and non-cooperative dynamics in ultra-thin films of polystyrene studied by dielectric spectroscopy and capacitive dilatometry. Journal of Non-Crystalline Solids, 2006, 352, 5594-5600.	3.1	86
10	Dielectric and Fluorescent Probes To Investigate Glass Transition, Melt, and Crystallization in Polyolefins. Macromolecules, 2004, 37, 2460-2470.	4.8	85
11	Oligomeric rodâ€“disc nematic liquid crystals. Chemical Communications, 2007, , 1245-1247.	4.1	78
12	Construction of a Multiwired Molecular Cable of Micrometer Length by a Self-Assembly Process. Angewandte Chemie International Edition in English, 1994, 33, 2173-2175.	4.4	77
13	Nanocomposite matrix for increased fibre composite strength. Polymer, 2005, 46, 10269-10278.	3.8	74
14	Polyborosiloxanes (PBSs), Synthetic Kinetics, and Characterization. Macromolecules, 2014, 47, 4531-4537.	4.8	72
15	Creep and physical aging behaviour of PA6 nanocomposites. Polymer, 2005, 46, 12539-12545.	3.8	71
16	Dynamics of a Triphenylene Discotic Molecule, HAT6, in the Columnar and Isotropic Liquid Phases. Journal of the American Chemical Society, 2003, 125, 3860-3866.	13.7	67
17	Preparation and properties of polyamide-6-boehmite nanocomposites. Polymer, 2004, 45, 5207-5214.	3.8	66
18	The relation between rheological and mechanical properties of PA6 nano- and micro-composites. Polymer, 2005, 46, 10279-10289.	3.8	66

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19	Distribution of oil in olefinic thermoplastic elastomer blends. Polymer, 2005, 46, 6391-6401.	3.8	64
20	Long Time Response of Soft Magnetorheological Gels. Journal of Physical Chemistry B, 2012, 116, 4702-4711.	2.6	61
21	Nonlinear rheological study of magneto responsive soft gels. Polymer, 2012, 53, 4164-4170.	3.8	61
22	7-Dialkylamino-1-alkylquinolinium Salts: Highly Versatile and Stable Fluorescent Probes. Journal of Organic Chemistry, 2006, 71, 2666-2676.	3.2	60
23	Uniaxial to biaxial nematic phase transition in a bent-core thermotropic liquid crystal by polarising microscopy. Liquid Crystals, 2012, 39, 19-23.	2.2	60
24	Charge Transfer Complexes of Discotic Liquid Crystals:â€‰ A Flexible Route to a Wide Variety of Mesophases. Macromolecules, 2002, 35, 4322-4329.	4.8	59
25	The order parameters < P2 > and < P 4 > in nematic p-alkyl-p' -cyano-biphenyls : polarized Raman measurements and the influence of molecular association. Journal De Physique, 1985, 46, 1443-1449.	1.8	57
26	Direct observation of particle rearrangement during cyclic stress hardening of magnetorheological gels. Soft Matter, 2012, 8, 11995.	2.7	52
27	Liquid crystal main-chain polymers for high-performance fibre applications. Liquid Crystals, 2011, 38, 1591-1605.	2.2	51
28	Synthesis and characterisation of side chain liquid crystal copolymers containing sulfonic acid groups. Polymer, 2012, 53, 2604-2612.	3.8	51
29	A comparison of the temperature dependence of the modulus, yield stress and ductility of nanocomposites based on high and low MW PA6 and PA66. Polymer, 2005, 46, 3452-3461.	3.8	49
30	Characteristic size of molecular dynamics in polymers probed by dielectric probes of variable length. Journal of Non-Crystalline Solids, 2005, 351, 2694-2702.	3.1	49
31	Synthesis and Characterization of a Novel Liquid Crystalline Polymer Showing a Nematic Columnar to Nematic Discotic Phase Transition. Macromolecules, 2000, 33, 4336-4342.	4.8	48
32	Continuous fibre composites with a nanocomposite matrix: Improvement of flexural and compressive strength at elevated temperatures. Composites Part A: Applied Science and Manufacturing, 2007, 38, 730-738.	7.6	45
33	The effect of lattice strain on catalytic activity. Chemical Communications, 2019, 55, 1338-1341.	4.1	45
34	Analysis of the modulus of polyamide-6 silicate nanocomposites using moisture controlled variation of the matrix properties. Polymer, 2005, 46, 6102-6113.	3.8	44
35	Specific interactions in discotic liquid crystals. Journal of Materials Chemistry, 2003, 13, 458-469.	6.7	43
36	Electrochemical Oxidation and Determination of Oxalic Acid at an Exfoliated Graphite-Polystyrene Composite Electrode. Sensors, 2007, 7, 615-627.	3.8	42

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37	Molecular and macroscopic orientational order in aramid solutions: a model to explain the influence of some spinning parameters on the modulus of aramid yarns. Polymer, 1992, 33, 2998-3006.	3.8	40
38	Dielectric spectroscopy using dielectric probes: a new approach to study glass transition dynamics in immiscible apolar polymer blends. Polymer, 2005, 46, 6064-6074.	3.8	40
39	Waterborne nanocomposite resins for automotive coating applications. Progress in Organic Coatings, 2007, 58, 96-104.	3.9	40
40	Voltammetric Detection of Urea on an Ag-Modified Zeolite-Expanded Graphite-Epoxy Composite Electrode. Sensors, 2008, 8, 5806-5819.	3.8	39
41	Shish kebab-like chirality. Chemical Communications, 1998, , 979-980.	4.1	38
42	Supramolecular Materials: Molecular Packing of Tetranitrotetrapropoxycalix[4]arene in Highly Stable Films with Second-Order Nonlinear Optical Properties. Chemistry - A European Journal, 1998, 4, 1225-1234.	3.3	37
43	Multiple glass transitions in the plastic crystal phase of triphenylene derivatives. Journal of Non-Crystalline Solids, 2005, 351, 2622-2628.	3.1	37
44	The Nematic Lateral Phase:Â A Novel Phase in Discotic Supramolecular Assemblies. Macromolecules, 2001, 34, 7582-7584.	4.8	36
45	Transient Phase-Induced Nucleation in Ionic Liquid Crystals and Size-Frustrated Thickening. Chemistry of Materials, 2005, 17, 250-257.	6.7	36
46	All-Aromatic (AB)_n-Multiblock Copolymers via Simple One-Step Melt Condensation Chemistry. Macromolecules, 2016, 49, 8549-8562.	4.8	35
47	A supramolecular nematic phase in sulfonated polyaramides. Chemical Communications, 2004, , 1596.	4.1	34
48	Dynamics of T2G2Helices in Atactic and Syndiotactic Polystyrene:Â New Evidence from Dielectric Spectroscopy and FTIR. Macromolecules, 2006, 39, 5152-5158.	4.8	34
49	Can morphological transitions in fibrils drive stiffness of gels formed by discotic liquid crystal organogelators?. Soft Matter, 2009, 5, 4905.	2.7	34
50	SWCNT Induced Crystallization in an Amorphous All-Aromatic Poly(ether imide). Macromolecules, 2013, 46, 1492-1503.	4.8	34
51	Electrochemical Determination of Pentachlorophenol in Water on a Multi-Wall Carbon Nanotubes-Epoxy Composite Electrode. Sensors, 2012, 12, 7033-7046.	3.8	33
52	Synthesis and characterization of BaFe12O19/Fe3O4 and BaFe12O19/Fe/Fe3O4 magnetic nano-composites. Powder Technology, 2012, 221, 292-295.	4.2	33
53	Synthesis of Magnetic Noble Metal (Nano)Particles. Langmuir, 2011, 27, 7783-7787.	3.5	32
54	Evidence of a chiral superstructure in the discotic mesophase of an optically active phthalocyanine. Journal of the Chemical Society Chemical Communications, 1993, , 1120.	2.0	31

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55	Synthesis and characterization of a water-soluble rigid-rod polymer. Polymer, 2003, 44, 7843-7850.	3.8	31
56	Strong graphene oxide nanocomposites from aqueous hybrid liquid crystals. Nature Communications, 2020, 11, 830.	12.8	30
57	Induced Liquid Crystalline Diversity in Molecular and Polymeric Charge-Transfer Complexes of Discotic Mesogens. Macromolecules, 2002, 35, 2576-2582.	4.8	29
58	A Wavelength-Shifting Fluorescent Probe for Investigating Physical Aging. Macromolecules, 2006, 39, 224-231.	4.8	29
59	Structure and Dynamics of a Discotic Liquid-Crystalline Charge-Transfer Complex. ChemPhysChem, 2007, 8, 1338-1344.	2.1	29
60	Layered silicates nanocomposite matrix for improved fiber reinforced composites properties. Composites Science and Technology, 2009, 69, 2285-2292.	7.8	29
61	Water and sodium transport and liquid crystalline alignment in a sulfonated aramid membrane. Journal of Membrane Science, 2015, 489, 194-203.	8.2	29
62	Micellization Behavior of Aromatic Moiety Bearing Hybrid Fluorocarbon Sulfonate Surfactants. Langmuir, 2012, 28, 3397-3402.	3.5	28
63	Origin of Highly Ordered Sodium Alginate/Montmorillonite Bionanocomposites. Macromolecules, 2015, 48, 1204-1209.	4.8	28
64	Orientational order in aramid solutions determined by diamagnetic susceptibility and birefringence measurements. Macromolecules, 1990, 23, 464-470.	4.8	27
65	Mechanical properties of short fiber reinforced thermoplastic blends. Polymer, 2005, 46, 3895-3905.	3.8	27
66	Magnetic property enhancement and characterization of nano-structured barium ferrite by mechano-thermal treatment. Materials Characterization, 2012, 63, 83-89.	4.4	27
67	Side-Chain Liquid-Crystalline Polymers from the Alternating Copolymerization of Maleic Anhydride and 1-Olefins Carrying Biphenyl Mesogens. Macromolecules, 1999, 32, 1398-1406.	4.8	26
68	Synthesis and Formation of a Supramolecular Nematic Liquid Crystal in Poly(p-phenyleneâ^'sulfoterephthalamide)â^'H2O. Macromolecules, 2005, 38, 3647-3652.	4.8	26
69	Synthesis and Characterization of Rodâ^'Coil Poly(amide-block-aramid) Alternating Block Copolymers. Macromolecules, 2006, 39, 3824-3829.	4.8	26
70	Performance analysis of sulfonated PPTA polymers as potential fuel cell membranes. Journal of Power Sources, 2006, 162, 380-387.	7.8	26
71	Carbon-based Composite Electrodes: Preparation, Characterization and Application in Electroanalysis. Sensors, 2007, 7, 2626-2635.	3.8	26
72	On the Morphology of a Discotic Liquid Crystalline Charge Transfer Complex. Journal of Physical Chemistry B, 2012, 116, 13098-13105.	2.6	26

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73	On the â€œTertiary Structureâ€•of Polyâ€Carbenes; Selfâ€Assembly of sp³â€Carbonâ€Based Polymers into Liquidâ€Crystalline Aggregates. Chemistry - A European Journal, 2013, 19, 11577-11589.	5.3	26
74	Mobility and solubility of antioxidants and oxygen in glassy polymers. III. Influence of deformation and orientation on oxygen permeability. Polymer, 2003, 44, 2463-2471.	3.8	25
75	Mobility and solubility of antioxidants and oxygen in glassy polymers II. Influence of physical ageing on antioxidant and oxygen mobility. Polymer Degradation and Stability, 2003, 79, 427-438.	5.8	24
76	Orientational order and mechanical properties of poly(amide-block-aramid) alternating block copolymer films and fibers. Polymer, 2006, 47, 8517-8526.	3.8	24
77	Induction of Liquid Crystallinity by Self-Assembled Molecular Boxes. Angewandte Chemie - International Edition, 2006, 45, 7543-7546.	13.8	24
78	Tunable Order in Alginate/Graphene Biopolymer Nanocomposites. Macromolecules, 2015, 48, 8323-8330.	4.8	23
79	Nanocellulose recovery from domestic wastewater. Journal of Cleaner Production, 2021, 280, 124507.	9.3	23
80	Preparation and characterization of titanate-modified Boehmiteâ€“polyamide-6 nanocomposites. Polymer, 2005, 46, 6025-6034.	3.8	22
81	Simultaneous Determination of 4â€Chlorophenol and Oxalic Acid Using an Expanded Graphiteâ€Epoxy Composite Electrode. Electroanalysis, 2008, 20, 1719-1722.	2.9	22
82	Tunable Supramolecular Structures from Clips and Baskets Derived from Glycoluril. Journal of the American Chemical Society, 1994, 116, 8825-8826.	13.7	21
83	Ordered Structures in Proton Conducting Membranes from Supramolecular Liquid Crystal Polymers. Journal of Physical Chemistry B, 2006, 110, 23729-23735.	2.6	21
84	Local lamellar organisation of discotic mesogens carrying fluorinated tails. Journal of Materials Chemistry, 2007, 17, 4196.	6.7	20
85	Water Sorption and Diffusion in (Reduced) Graphene Oxideâ€Alginate Biopolymer Nanocomposites. Macromolecular Materials and Engineering, 2016, 301, 1049-1063.	3.6	20
86	A study of the thermo-mechanical behavior of Boehmite-polyamide-6 nanocomposites. Thermochimica Acta, 2008, 472, 31-37.	2.7	19
87	Rheologyâ€“Structure Interrelationships of Hydroxypropylcellulose Liquid Crystal Solutions and Their Nanocomposites under Flow. Macromolecules, 2013, 46, 1144-1157.	4.8	19
88	Liquid crystalline properties of all symmetric p-phenylene and 2,5-thiophene pentamers. Liquid Crystals, 2009, 36, 389-396.	2.2	18
89	Characterization and modeling of creep behavior of a thermoset nanocomposite. Polymer Composites, 2015, 36, 322-329.	4.6	18
90	Discotic Multipodes with Nematic Mesophases. Molecular Crystals and Liquid Crystals, 2004, 411, 387-396.	0.9	17

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91	Wholly Aromatic Ether-imides. Potential Materials for n-Type Semiconductors. Chemistry of Materials, 2004, 16, 966-974.	6.7	17
92	Spatially periodic liquid crystal director field appearing in a photonic crystal template. Applied Physics Letters, 2005, 87, 241105.	3.3	17
93	Mechanical and fracture properties of ternary PE/PA6/GF composites. Composites Science and Technology, 2010, 70, 734-742.	7.8	17
94	Liquid crystalline solutions of cellulose acetate in phosphoric acid. Polymer, 2001, 42, 7363-7369.	3.8	16
95	Lyotropic Rodâ^'Coil Poly(amide-block-aramid) Alternating Block Copolymers:Â Phase Behavior and Structure. Macromolecules, 2006, 39, 4411-4417.	4.8	16
96	Nematic phase formation of Boehmite in polyamide-6 nanocomposites. Polymer, 2006, 47, 2189-2197.	3.8	16
97	Durch Selbstorganisation zu einem mehradrigen molekularen Kabel mit einer LÃnge von einigen Mikrometern. Angewandte Chemie, 1994, 106, 2298-2300.	2.0	15
98	The Effect of Magnetic Field on Catalytic Properties in Core-Shell Type Particles. Frontiers in Chemistry, 2020, 8, 163.	3.6	15
99	Evolution of the morphology and the mechanical properties of ternary PE/PA6/GF composites during annealing. Polymer, 2007, 48, 6294-6303.	3.8	14
100	Spontaneous formation of hierarchical proton-conductive structures in sulfonated poly(p-phenylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 666-676.	2.1	14
101	Direct View on Nanoionic Proton Mobility. Advanced Functional Materials, 2011, 21, 1364-1374.	14.9	14
102	Amperometric Detection of 4â€Chlorophenol on Two Types of Expanded Graphite Based Composite Electrodes. Electroanalysis, 2008, 20, 2460-2466.	2.9	13
103	A compact model system for electronâ€“phonon calculations in discotic materials. Chemical Physics, 2006, 330, 360-364.	1.9	12
104	Synthesis of a Polymerizable Fluorosurfactant for the Construction of Stable Nanostructured Proton-Conducting Membranes. Journal of Organic Chemistry, 2010, 75, 6814-6819.	3.2	12
105	The effect of heat treatment and re-calcination on magnetic properties of BaFe12O19/Fe3O4 nano-composite. Ceramics International, 2012, 38, 3155-3159.	4.8	12
106	Synthesis and properties of aligned all-aromatic liquid crystal networks. High Performance Polymers, 2014, 26, 381-391.	1.8	12
107	Modeling of NDand NColPhase Transitions in Discotic Side Chain Polymers by the Extended McMillan Theory. Journal of the American Chemical Society, 2001, 123, 4645-4646.	13.7	11
108	Dynamics of discotic methoxy triphenylene molecules from quasielastic neutron scattering and molecular dynamics simulations. Chemical Physics, 2003, 292, 185-190.	1.9	11

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109	Increasing the stability of high contraction ratio flow of Boger fluids by pre-deformation. Journal of Non-Newtonian Fluid Mechanics, 2013, 196, 27-35.	2.4	11
110	Role of intensive milling in the processing of barium ferrite/magnetite/iron hybrid magnetic nano-composites via partial reduction of barium ferrite. Materials Characterization, 2015, 101, 78-82.	4.4	11
111	A Series of Novel Liquid Crystalline Polymers Showing a Nematic Discotic and/or a Nematic Columnar Phase. Molecular Crystals and Liquid Crystals, 2001, 364, 225-234.	0.3	9
112	Substituent Effects in Discotic Liquid Crystals. Molecular Crystals and Liquid Crystals, 2004, 411, 305-312.	0.9	9
113	The Nematic Discotic Phase in Materials Containing a Siloxane Core. Molecular Crystals and Liquid Crystals, 2004, 411, 377-385.	0.9	9
114	Mimicking an Atomically Thin â€œVacuum Spacerâ€•to Measure the Hamaker Constant between Graphene Oxide and Silica. Advanced Materials Interfaces, 2017, 4, 1600495.	3.7	9
115	Physical Properties of Oriented Thin Films Formed by the Electrostatic Complexation of Sulfonated Polyaramid. Journal of Physical Chemistry B, 2008, 112, 16403-16408.	2.6	8
116	Spontaneous homeotropic alignment in films of rigidâ€“flexible polyelectrolyte complexes. Soft Matter, 2009, 5, 342-345.	2.7	8
117	Composition dependent properties of graphene (oxide)â€alginate biopolymer nanocomposites. Polymer Composites, 2018, 39, E236.	4.6	8
118	Supramolecular Gluing of Polymeric Hydrogels. ChemNanoMat, 2018, 4, 772-775.	2.8	8
119	Observation of transition cascades in sheared liquid crystalline polymers. Soft Matter, 2020, 16, 3891-3901.	2.7	8
120	Phase transitions of hydroxy-telechelic side-chain liquid crystalline polyethers and polyurethane networks derived thereof. Macromolecular Chemistry and Physics, 1996, 197, 1031-1041.	2.2	7
121	A rheological and structural study of a discotic side chain polymer solution. Rheologica Acta, 2003, 42, 443-453.	2.4	7
122	Water Soluble Rigid Rod Polymers: A SANS Study of Shear-Induced Alignment and Relaxation. Molecular Crystals and Liquid Crystals, 2004, 411, 525-535.	0.9	7
123	Novel Color-Shifting Mobility Sensitive Fluorescent Probes for Polymer Characterization. Macromolecular Symposia, 2005, 230, 11-19.	0.7	7
124	Elucidation of the Orientational Order and the Phase Diagram ofp-Quinquephenyl. Journal of Physical Chemistry B, 2011, 115, 1416-1421.	2.6	7
125	Structureâ€“property relationships and modeling of the mechanical properties of a high-temperature resistant thermoset nanocomposite. Composites Part B: Engineering, 2014, 56, 9-14.	12.0	7
126	Relaxation of Free Volume in Polycarbonate and Polystyrene Studied by Positron Annihilation Lifetime Spectroscopy. Acta Physica Polonica A, 2005, 107, 690-696.	0.5	7

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127	The effect of annealing on the melt rheology of ternary PE/PA6/GF composites. Polymer, 2007, 48, 6834-6842.	3.8	6
128	Anomalous magnetism in noble metal (nano)particles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2012, 413, 248-251.	4.7	6
129	Rheological investigation of specific interactions in Na Alginate and Na MMT suspension. Carbohydrate Polymers, 2016, 151, 144-149.	10.2	6
130	Irreversible Shear-Activated Gelation of a Liquid Crystalline Polyelectrolyte. ACS Macro Letters, 2020, 9, 957-963.	4.8	6
131	Liquid crystal polymer optics. Macromolecular Symposia, 2000, 154, 95-104.	0.7	5
132	Cross-Linking Behavior of Diskotic Side-Chain Polymers in Solution. Macromolecules, 2004, 37, 7839-7845.	4.8	5
133	Carbon Composite Electrodes Applied for Electrochemical Sensors. NATO Science for Peace and Security Series C: Environmental Security, 2009, , 179-189.	0.2	5
134	Orientational order in nematic polymers â€“ some variations on the Maierâ€“Saupe theme. Liquid Crystals, 2010, 37, 977-985.	2.2	5
135	Transformational kinetics in liquid crystal polymers and differential scanning calorimetry calibration. Liquid Crystals, 2012, 39, 493-500.	2.2	5
136	Processing Rigid Polymers to High Performance Fibers. , 2001, , 7883-7887.		4
137	Cholesteric Thermo-reversible Liquid-Crystal Gels: Phase Behaviour and Electro-optical Response. Japanese Journal of Applied Physics, 2001, 40, 2372-2377.	1.5	4
138	Analysis of quasielastic neutron scattering (QENS) data of discotic systems using different molecular dynamics (MD) models. Physica B: Condensed Matter, 2004, 350, E1003-E1005.	2.7	4
139	Interaction of SWCNT and PPTA with sulfuric acid-Compatibilization of two materials in a common solvent. Journal of Polymer Science, Part B: Polymer Physics, 2008, 46, 1914-1922.	2.1	4
140	A columnar mesophase with high lateral order from a triphenylene-hexa(3,5-dialkoxy)benzoate. Liquid Crystals, 2010, 37, 579-586.	2.2	4
141	Fingerprinting the nonlinear rheology of a liquid crystalline polyelectrolyte. Rheologica Acta, 2020, 59, 727-743.	2.4	4
142	High-Strength Liquid Crystal Polymerâ€“Graphene Oxide Nanocomposites from Water. ACS Applied Materials & Interfaces, 2022, 14, 16592-16600.	8.0	4
143	Electro-optic measurements in a nematic side-chain homopolymer during poling. , 1993, , .		3
144	Highly ordered side-chain liquid-crystalline polymers from maleic anhydride and swallow-tailed 1-alkenes having two mesogens. Macromolecular Chemistry and Physics, 2000, 201, 2394-2400.	2.2	3

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145	Dynamics and Phase Transitions in Discotic and Calamitic Liquid Crystal Side-chain Polymers. Molecular Crystals and Liquid Crystals, 2004, 411, 503-513.	0.9	3
146	A Direct Observation by XRD of Reorientation in a Supramolecular Liquid Crystal Polymer Induced by Magnetic Field. Molecular Crystals and Liquid Crystals, 2005, 437, 43/[1287]-52/[1296].	0.9	2
147	Extension rheology of liquid-crystalline solution/layered silicate hybrids. Polymer Engineering and Science, 2010, 50, 789-799.	3.1	2
148	Changes of the Molecular Mobility of Poly(Îµ-caprolactone) upon Drawing, Studied by Dielectric Relaxation Spectroscopy. Chinese Journal of Polymer Science (English Edition), 2018, 36, 665-674.	3.8	2
149	Environmentally Sensitive Luminescence Reveals Spatial Confinement, Dynamics, and Their Molecular Weight Dependence in a Polymer Glass. ACS Applied Polymer Materials, 2021, 3, 4977-4983.	4.4	2
150	Anomalous water sorption kinetics in supported Nafion thin-films as membrane-electrode assemblies. Journal of Membrane Science, 2022, 650, 120368.	8.2	2
151	Supramolecular â€œLeeksâ€•of a Fluorinated Hybrid Amphiphile That Self-Assembles into a Disordered Columnar Phase. Journal of Physical Chemistry B, 2013, 117, 2820-2826.	2.6	1
152	Optimisation of Protonâ€€Conducting sPEEK Membranes through a Thermal Treatment Method Monitored by Dielectric Spectroscopy. ChemistrySelect, 2018, 3, 2931-2942.	1.5	1
153	Delayed yielding of oil/water emulsions in presence of stabilizing biopolymer. Journal of Applied Polymer Science, 2021, 138, 49626.	2.6	1
154	Supramolecular Materials: Molecular Packing of Tetranitrotetrapropoxycalix[4]arene in Highly Stable Films with Second-Order Nonlinear Optical Properties. Chemistry - A European Journal, 1998, 4, 1225-1234.	3.3	1
155	Silver-functionalized multi-wall carbon nanotubes composite electrode for non-enzymatic detection of glycerol. , 2011, , .		0
156	Thermal tuning of a silicon photonic crystal cavity infilled with an elastomer. Proceedings of SPIE, 2011, , .	0.8	0
157	LCP Report Macro. Liquid Crystals Today, 2011, 20, 34-35.	2.3	0
158	Planar contraction flow of a nematic PPTA solution. Journal of Rheology, 2016, 60, 97-110.	2.6	0