

Giuseppe Portale

List of Publications by Year in descending order

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211
papers

8,264
citations

53660

45
h-index

62479

80
g-index

216
all docs

216
docs citations

216
times ranked

10813
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Reproducible Sn-Based Hybrid Perovskite Solar Cells with 9% Efficiency. <i>Advanced Energy Materials</i> , 2018, 8, 1702019.	10.2	726
2	Increase in short-chain ceramides correlates with an altered lipid organization and decreased barrier function in atopic eczema patients. <i>Journal of Lipid Research</i> , 2012, 53, 2755-2766.	2.0	349
3	A Critical Revision of the Nano-Morphology of Proton Conducting Ionomers and Polyelectrolytes for Fuel Cell Applications. <i>Advanced Functional Materials</i> , 2013, 23, 5390-5397.	7.8	273
4	Enhancing Molecular n-Type Doping of Donor-Acceptor Copolymers by Tailoring Side Chains. <i>Advanced Materials</i> , 2018, 30, 1704630.	11.1	217
5	Controlling the growth and shape of chiral supramolecular polymers in water. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 17888-17893.	3.3	194
6	Testing the Vesicular Morphology to Destruction: Birth and Death of Diblock Copolymer Vesicles Prepared via Polymerization-Induced Self-Assembly. <i>Journal of the American Chemical Society</i> , 2015, 137, 1929-1937.	6.6	168
7	Aggregation of Ureido-Pyrimidinone Supramolecular Thermoplastic Elastomers into Nanofibers: A Kinetic Analysis. <i>Macromolecules</i> , 2011, 44, 6776-6784.	2.2	163
8	n-Type Organic Thermoelectrics of Donor-Acceptor Copolymers: Improved Power Factor by Molecular Tailoring of the Density of States. <i>Advanced Materials</i> , 2018, 30, e1804290.	11.1	161
9	Enhancing the crystallinity and perfecting the orientation of formamidinium tin iodide for highly efficient Sn-based perovskite solar cells. <i>Nano Energy</i> , 2019, 60, 810-816.	8.2	140
10	Polymer Solar Cells: Solubility Controls Fiber Network Formation. <i>Journal of the American Chemical Society</i> , 2015, 137, 11783-11794.	6.6	133
11	n-Type Organic Thermoelectrics: Improved Power Factor by Tailoring Host-Dopant Miscibility. <i>Advanced Materials</i> , 2017, 29, 1701641.	11.1	131
12	Sulphonated poly(ether ether ketone) membranes for fuel cell application: Thermal and structural characterisation. <i>Journal of Power Sources</i> , 2006, 163, 18-26.	4.0	122
13	Polymer crystallization studies under processing-relevant conditions at the SAXS/WAXS DUBBLE beamline at the ESRF. <i>Journal of Applied Crystallography</i> , 2013, 46, 1681-1689.	1.9	111
14	Poly(p-phenylene sulfone)s with high ion exchange capacity: ionomers with unique microstructural and transport features. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 3305.	1.3	110
15	Overcoming Coulomb Interaction Improves Free-Charge Generation and Thermoelectric Properties for n-Doped Conjugated Polymers. <i>ACS Energy Letters</i> , 2019, 4, 1556-1564.	8.8	110
16	N-type organic thermoelectrics: demonstration of $ZT > 0.3$. <i>Nature Communications</i> , 2020, 11, 5694.	5.8	98
17	Lamellar Lipid Organization and Ceramide Composition in the Stratum Corneum of Patients with Atopic Eczema. <i>Journal of Investigative Dermatology</i> , 2011, 131, 2136-2138.	0.3	96
18	Independent tuning of size and coverage of supported Pt nanoparticles using atomic layer deposition. <i>Nature Communications</i> , 2017, 8, 1074.	5.8	95

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19	Mechanism of Crystal Formation in Ruddlesden–Popper Sn-Based Perovskites. <i>Advanced Functional Materials</i> , 2020, 30, 2001294.	7.8	91
20	Amphipathic Side Chain of a Conjugated Polymer Optimizes Dopant Location toward Efficient n-Type Organic Thermoelectrics. <i>Advanced Materials</i> , 2021, 33, e2006694.	11.1	91
21	Intermolecular channels direct crystal orientation in mineralized collagen. <i>Nature Communications</i> , 2020, 11, 5068.	5.8	90
22	Effect of cooling rate on the crystal/mesophase polymorphism of polyamide 6. <i>Colloid and Polymer Science</i> , 2011, 289, 1073-1079.	1.0	83
23	Self-nucleation of isotactic poly(1-butene) in the trigonal modification. <i>Polymer</i> , 2014, 55, 137-142.	1.8	78
24	Microfocus wide-angle X-ray scattering of polymers crystallized in a fast scanning chip calorimeter. <i>Thermochimica Acta</i> , 2013, 563, 33-37.	1.2	75
25	Real-Time WAXD Detection of Mesophase Development during Quenching of Propene/Ethylene Copolymers. <i>Macromolecules</i> , 2010, 43, 10208-10212.	2.2	73
26	Block Copolymer as a Nanostructuring Agent for High-Efficiency and Annealing-Free Bulk Heterojunction Organic Solar Cells. <i>Advanced Materials</i> , 2012, 24, 2196-2201.	11.1	71
27	Exploring the Origin of Crystalline Lamella Twist in Semi-Rigid Chain Polymers: the Model of Keith and Padden revisited. <i>Macromolecules</i> , 2012, 45, 7454-7460.	2.2	69
28	Kinetics of the Polymorphic Transition in Isotactic Poly(1-butene) under Uniaxial Extension. New Insights From Designed Mechanical histories.. <i>Macromolecules</i> , 2014, 47, 3033-3040.	2.2	69
29	Structurally-driven Enhancement of Thermoelectric Properties within Poly(3,4-ethylenedioxythiophene) thin Films. <i>Scientific Reports</i> , 2016, 6, 30501.	1.6	67
30	Enhancing the Performance of the Half Tin and Half Lead Perovskite Solar Cells by Suppression of the Bulk and Interfacial Charge Recombination. <i>Advanced Materials</i> , 2018, 30, e1803703.	11.1	65
31	Short-Term Flow Induced Crystallization in Isotactic Polypropylene: How Short Is Short?. <i>Macromolecules</i> , 2013, 46, 9249-9258.	2.2	64
32	Sub-10 nm Features Obtained from Directed Self-Assembly of Semicrystalline Polycarbosilane-Based Block Copolymer Thin Films. <i>Advanced Materials</i> , 2015, 27, 261-265.	11.1	63
33	Cytoskeletal stiffening in synthetic hydrogels. <i>Nature Communications</i> , 2019, 10, 609.	5.8	63
34	Effect of reduction in liquid phase on the properties and the catalytic activity of Pd/Al ₂ O ₃ catalysts. <i>Journal of Catalysis</i> , 2012, 287, 44-54.	3.1	62
35	Thiol-free self-assembled oligoethylene glycols enable robust air-stable molecular electronics. <i>Nature Materials</i> , 2020, 19, 330-337.	13.3	60
36	Structural and electrochemical investigation on re-cast Nafion membranes for polymer electrolyte fuel cells (PEFCs) application. <i>Journal of Membrane Science</i> , 2006, 278, 105-113.	4.1	59

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37	Triblock Protein Copolymers Forming Supramolecular Nanotapes and pH-Responsive Gels. <i>Macromolecules</i> , 2009, 42, 1002-1009.	2.2	59
38	On cross- and self-nucleation in seeded crystallization of isotactic poly(1-butene). <i>Polymer</i> , 2013, 54, 4637-4644.	1.8	59
39	Side Chains Control Dynamics and Self-Sorting in Fluorescent Organic Nanoparticles. <i>ACS Nano</i> , 2013, 7, 408-416.	7.3	58
40	Additive-assisted supramolecular manipulation of polymer:fullerene blend phase morphologies and its influence on photophysical processes. <i>Materials Horizons</i> , 2014, 1, 270-279.	6.4	58
41	A Study on the Chain-Particle Interaction and Aspect Ratio of Nanoparticles on Structure Development of a Linear Polymer. <i>Macromolecules</i> , 2010, 43, 6749-6759.	2.2	57
42	Role of the Processing Solvent on the Electrical Conductivity of PEDOT:PSS. <i>Advanced Materials Interfaces</i> , 2020, 7, 2000641.	1.9	53
43	Controlled Supramolecular Oligomerization of C_{30} Symmetrical Molecules in Water: The Impact of Hydrophobic Shielding. <i>Chemistry - A European Journal</i> , 2011, 17, 5193-5203.	1.7	51
44	Double Gyroid Network Morphology in Supramolecular Diblock Copolymer Complexes. <i>Macromolecules</i> , 2012, 45, 3503-3512.	2.2	47
45	Mesophase-Mediated Crystallization of Poly(butylene-2,6-naphthalate): An Example of Ostwald's Rule of Stages. <i>ACS Macro Letters</i> , 2012, 1, 1051-1055.	2.3	47
46	Kinetics of Cross-Nucleation in Isotactic Poly(1-butene). <i>Macromolecules</i> , 2014, 47, 870-873.	2.2	47
47	Bundle Formation in Biomimetic Hydrogels. <i>Biomacromolecules</i> , 2016, 17, 2642-2649.	2.6	47
48	Tuning the Energetic Landscape of Ruddlesden-Popper Perovskite Films for Efficient Solar Cells. <i>ACS Energy Letters</i> , 2020, 5, 39-46.	8.8	47
49	Protein stability modulated by a conformational effector: effects of trifluoroethanol on bovine serum albumin. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 4007.	1.3	46
50	Form β crystal formation in random butene-1/propylene copolymers as revealed by real-time X-ray scattering using synchrotron radiation and fast scanning chip calorimetry. <i>European Polymer Journal</i> , 2014, 60, 22-32.	2.6	46
51	Synthesis, Thermal Processing, and Thin Film Morphology of Poly(3-hexylthiophene)-Poly(styrenesulfonate) Block Copolymers. <i>Macromolecules</i> , 2015, 48, 2107-2117.	2.2	46
52	Improved photostability in ternary blend organic solar cells: the role of [70]PCBM. <i>Journal of Materials Chemistry C</i> , 2019, 7, 5104-5111.	2.7	46
53	Thermoreversible DMDBS Phase Separation in iPP: The Effects of Flow on the Morphology. <i>Macromolecules</i> , 2008, 41, 5350-5355.	2.2	45
54	Flow induced crystallization in isotactic polypropylene during and after flow. <i>Polymer</i> , 2014, 55, 6140-6151.	1.8	45

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55	Side-chain effects on N-type organic thermoelectrics: A case study of fullerene derivatives. <i>Nano Energy</i> , 2018, 52, 183-191.	8.2	45
56	Simultaneous Synchrotron WAXD and Fast Scanning (Chip) Calorimetry: On the (Isothermal) Crystallization of HDPE and PA11 at High Supercoolings and Cooling Rates up to 200 Å°C s^{-1} . <i>Macromolecular Rapid Communications</i> , 2015, 36, 1184-1191.	2.0	44
57	Favorable Mixing Thermodynamics in Ternary Polymer Blends for Realizing High Efficiency Plastic Solar Cells. <i>Advanced Energy Materials</i> , 2019, 9, 1803394.	10.2	44
58	Electroactive materials with tunable response based on block copolymer self-assembly. <i>Nature Communications</i> , 2019, 10, 601.	5.8	44
59	Field-Effect Transistors Based on Formamidinium Tin Triiodide Perovskite. <i>Advanced Functional Materials</i> , 2021, 31, 2008478.	7.8	44
60	Disk micelles from amphiphilic Janus gold nanoparticles. <i>Chemical Communications</i> , 2008, , 697-699.	2.2	42
61	A light-fuelled nanoratchet shifts a coupled chemical equilibrium. <i>Nature Nanotechnology</i> , 2022, 17, 159-165.	15.6	41
62	Structural Characterization of Surfactant-Coated Bimetallic Cobalt/Nickel Nanoclusters by XPS, EXAFS, WAXS, and SAXS. <i>Journal of Physical Chemistry C</i> , 2011, 115, 6360-6366.	1.5	39
63	On the origin of the "core-free" morphology in microinjection-molded HDPE. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2011, 49, 1470-1478.	2.4	39
64	Patterned Silver Nanoparticles embedded in a Nanoporous Smectic Liquid Crystalline Polymer Network. <i>Journal of the American Chemical Society</i> , 2013, 135, 10922-10925.	6.6	38
65	Crystallization-Driven Enhancement in Photovoltaic Performance through Block Copolymer Incorporation into P3HT:PCBM Blends. <i>Macromolecules</i> , 2013, 46, 3015-3024.	2.2	38
66	Smectic phase in suspensions of gapped DNA duplexes. <i>Nature Communications</i> , 2016, 7, 13358.	5.8	38
67	Genetically Engineered Supercharged Polypeptide Fluids: Fast and Persistent Self-Ordering Induced by Touch. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6878-6882.	7.2	38
68	Doping Engineering Enables Highly Conductive and Thermally Stable n-Type Organic Thermoelectrics with High Power Factor. <i>ACS Applied Energy Materials</i> , 2019, 2, 6664-6671.	2.5	38
69	Synthesis, Structure, and Properties of Ionic Thermoplastic Elastomers Based on Maleated Ethylene/Propylene Copolymers. <i>Macromolecules</i> , 2008, 41, 5493-5501.	2.2	37
70	Formation and Growth of Pd Nanoparticles Inside a Highly Cross-Linked Polystyrene Support: Role of the Reducing Agent. <i>Journal of Physical Chemistry C</i> , 2014, 118, 8406-8415.	1.5	37
71	Dynamic Control of a Multistate Chiral Supramolecular Polymer in Water. <i>Journal of the American Chemical Society</i> , 2022, 144, 6019-6027.	6.6	36
72	Influence of shear in the crystallization of polyethylene in the presence of SWCNTs. <i>Carbon</i> , 2010, 48, 4116-4128.	5.4	35

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73	Submicrometer Structure Formation during Spin Coating Revealed by Time-Resolved In Situ Laser and X-ray Scattering. <i>Advanced Functional Materials</i> , 2017, 27, 1702516.	7.8	35
74	Segmental Orientation in Well-Defined Thermoplastic Elastomers Containing Supramolecular Fillers. <i>Macromolecules</i> , 2009, 42, 524-530.	2.2	34
75	The influence of charge ratio on transient networks of polyelectrolyte complex micelles. <i>Soft Matter</i> , 2012, 8, 104-117.	1.2	34
76	Dynamics of Magnetic Alignment in Rod-Coil Block Copolymers. <i>Macromolecules</i> , 2013, 46, 4462-4471.	2.2	34
77	Structure evolution during film blowing: An experimental study using in-situ small angle X-ray scattering. <i>European Polymer Journal</i> , 2016, 74, 190-208.	2.6	34
78	High-Performance Organic Electrochemical Transistors and Neuromorphic Devices Comprising Naphthalenediimide-Dialkoxybithiazole Copolymers Bearing Glycol Ether Pendant Groups. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	33
79	Structure Development of Low-Density Polyethylenes During Film Blowing: A Real-Time Wide-Angle X-ray Diffraction Study. <i>Macromolecular Materials and Engineering</i> , 2014, 299, 1494-1512.	1.7	32
80	Nematic DNA Thermotropic Liquid Crystals with Photoresponsive Mechanical Properties. <i>Small</i> , 2017, 13, 1701207.	5.2	32
81	Electrical Conductivity of Doped Organic Semiconductors Limited by Carrier-Carrier Interactions. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 56222-56230.	4.0	32
82	Energy level modulation of ITIC derivatives: Effects on the photodegradation of conventional and inverted organic solar cells. <i>Organic Electronics</i> , 2019, 69, 255-262.	1.4	31
83	Evidence of Cybotactic Order in the Nematic Phase of a Main-Chain Liquid Crystal Polymer with Bent-Core Repeat Unit. <i>ACS Macro Letters</i> , 2014, 3, 91-95.	2.3	29
84	Photoresponsive Nanoporous Smectic Liquid Crystalline Polymer Networks: Changing the Number of Binding Sites and Pore Dimensions in Polymer Adsorbents by Light. <i>Macromolecules</i> , 2015, 48, 4073-4080.	2.2	29
85	<i>In Situ</i> Monitoring of Laser-Induced Periodic Surface Structures Formation on Polymer Films by Grazing Incidence Small-Angle X-ray Scattering. <i>Langmuir</i> , 2015, 31, 3973-3981.	1.6	29
86	Enhancing the ferroelectric performance of P(VDF-co-TrFE) through modulation of crystallinity and polymorphism. <i>Polymer</i> , 2018, 149, 66-72.	1.8	28
87	Sedimentation and depletion attraction directing glass and liquid crystal formation in aqueous platelet/sphere mixtures. <i>Soft Matter</i> , 2012, 8, 191-197.	1.2	26
88	Crystallization of a Polyamide 6/Montmorillonite Nanocomposite at Rapid Cooling. <i>Macromolecular Materials and Engineering</i> , 2013, 298, 938-943.	1.7	26
89	Influence of metal-support interaction on the surface structure of gold nanoclusters deposited on native SiO ₂ /Si substrates. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 6649.	1.3	25
90	How does dense phase CO ₂ influence the phase behaviour of block copolymers synthesised by dispersion polymerisation?. <i>Polymer Chemistry</i> , 2016, 7, 905-916.	1.9	25

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91	Reversibly Photo-Modulating Mechanical Stiffness and Toughness of Bioengineered Protein Fibers. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3222-3228.	7.2	25
92	In situ X-ray analysis of mesophase formation in random copolymers of propylene and 1-butene. <i>Polymer Bulletin</i> , 2011, 67, 497-510.	1.7	24
93	De novo rational design of a freestanding, supercharged polypeptide, proton-conducting membrane. <i>Science Advances</i> , 2020, 6, eabc0810.	4.7	24
94	X-ray irradiation induced reduction and nanoclustering of lead in borosilicate glass. <i>CrystEngComm</i> , 2014, 16, 9331-9339.	1.3	23
95	Unusual crystallization behavior of isotactic polypropylene and α -olefin/1-alkene copolymers at large undercoolings. <i>Polymer</i> , 2014, 55, 3234-3241.	1.8	23
96	Following the Synthesis of Metal Nanoparticles within pH-Responsive Microgel Particles by SAXS. <i>Macromolecules</i> , 2010, 43, 9828-9836.	2.2	22
97	About the Interactions Controlling Nafion [®] 's Viscoelastic Properties and Morphology. <i>Macromolecules</i> , 2015, 48, 8534-8545.	2.2	22
98	Understanding the unusual reorganization of the nanostructure of a dark conglomerate phase. <i>Physical Review E</i> , 2015, 91, 042504.	0.8	22
99	Surface induced orientation and vertically layered morphology in thin films of poly(3-hexylthiophene) crystallized from the melt. <i>Journal of Materials Research</i> , 2017, 32, 1957-1968.	1.2	22
100	Fabrication and Postmodification of Nanoporous Liquid Crystalline Networks via Dynamic Covalent Chemistry. <i>Chemistry of Materials</i> , 2017, 29, 6601-6605.	3.2	22
101	Scalable, Template Driven Formation of Highly Crystalline Lead-Free Halide Perovskite Films. <i>Advanced Functional Materials</i> , 2021, 31, 2105734.	7.8	22
102	Influence of Solid-State Microstructure on the Electronic Performance of 5,11-Bis(triethylsilylethynyl) Anthradithiophene. <i>Chemistry of Materials</i> , 2013, 25, 1823-1828.	3.2	21
103	The effects of lateral halogen substituents on the low-temperature cybotactic nematic phase in oxadiazole based bent-core liquid crystals. <i>Liquid Crystals</i> , 2015, 42, 1754-1764.	0.9	21
104	Mobile setup for synchrotron based <i>in situ</i> characterization during thermal and plasma-enhanced atomic layer deposition. <i>Review of Scientific Instruments</i> , 2016, 87, 113905.	0.6	21
105	Archimedean Tilings and Hierarchical Lamellar Morphology Formed by Semicrystalline Miktoarm Star Terpolymer Thin Films. <i>ACS Nano</i> , 2016, 10, 4055-4061.	7.3	21
106	Highly Stable Membranes of Poly(phenylene sulfide benzimidazole) Cross-Linked with Polyhedral Oligomeric Silsesquioxanes for High-Temperature Proton Transport. <i>ACS Applied Energy Materials</i> , 2020, 3, 7873-7884.	2.5	21
107	Mechanistic insights in Zr- and Hf-based molecular hybrid EUV photoresists. <i>Journal of Micro/Nanolithography, MEMS, and MOEMS</i> , 2019, 18, 1.	1.0	21
108	Attractive glass formation in aqueous mixtures of colloidal gibbsite platelets and silica spheres. <i>Soft Matter</i> , 2011, 7, 2832.	1.2	20

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109	Unusual Melting Behavior in Flow Induced Crystallization of LLDPE: Effect of Pressure. <i>Macromolecules</i> , 2015, 48, 2551-2560.	2.2	20
110	Monitoring morphology evolution within block copolymer microparticles during dispersion polymerisation in supercritical carbon dioxide: a high pressure SAXS study. <i>Polymer Chemistry</i> , 2019, 10, 860-871.	1.9	20
111	The incorporation of rigid diol monomers into poly(butylene terephthalate) via solid-state copolymerization and melt copolymerization. <i>Journal of Polymer Science Part A</i> , 2008, 46, 1203-1217.	2.5	19
112	Diffuse scattering in random-stacking hexagonal close-packed crystals of colloidal hard spheres. <i>Phase Transitions</i> , 2010, 83, 107-114.	0.6	19
113	Bulk heterojunction morphology of polymer:fullerene blends revealed by ultrafast spectroscopy. <i>Scientific Reports</i> , 2016, 6, 36236.	1.6	19
114	The evolution of bicontinuous polymeric nanospheres in aqueous solution. <i>Soft Matter</i> , 2016, 12, 4113-4122.	1.2	19
115	Stable Cesium Formamidinium Lead Halide Perovskites: A Comparison of Photophysics and Phase Purity in Thin Films and Single Crystals. <i>Energy Technology</i> , 2020, 8, 1901041.	1.8	19
116	Surface mobility and impact of precursor dosing during atomic layer deposition of platinum: <i>in situ</i> monitoring of nucleation and island growth. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 24917-24933.	1.3	19
117	Structural Characterization of Frozen <i>n</i> -Heptane Solutions of Metal-Containing Reverse Micelles. <i>Langmuir</i> , 2007, 23, 11482-11487.	1.6	18
118	Influence of Nanoparticles on the Rheological Behaviour and Initial Stages of Crystal Growth in Linear Polyethylene. <i>Macromolecular Chemistry and Physics</i> , 2009, 210, 2174-2187.	1.1	18
119	Increased Order-Disorder Transition Temperature for a Rod-Coil Block Copolymer in the Presence of a Magnetic Field. <i>Macromolecules</i> , 2011, 44, 7503-7507.	2.2	17
120	Structure of singly terminated polar DyScO ₃ (110) surfaces. <i>Physical Review B</i> , 2012, 85, .	1.1	17
121	A high pressure cell for supercritical CO ₂ on-line chemical reactions studied with x-ray techniques. <i>Review of Scientific Instruments</i> , 2014, 85, 093905.	0.6	17
122	Improving Stiffness, Strength, and Toughness of Poly(ϵ -pentadecalactone) Fibers through <i>in Situ</i> Reinforcement with a Vanillic Acid-Based Thermotropic Liquid Crystalline Polyester. <i>Macromolecules</i> , 2016, 49, 2228-2237.	2.2	17
123	Improved energy density and charge-discharge efficiency in solution processed highly defined ferroelectric block copolymer-based dielectric nanocomposites. <i>Nano Energy</i> , 2019, 64, 103939.	8.2	17
124	Physical pinning and chemical crosslinking-induced relaxor ferroelectric behavior in P(VDF- <i>tr</i> -TrFE- <i>va</i>) terpolymers. <i>Journal of Materials Chemistry A</i> , 2019, 7, 2795-2803.	5.2	17
125	On the Colloidal Stability of PbS Quantum Dots Capped with Methylammonium Lead Iodide Ligands. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 52959-52966.	4.0	17
126	Nanoscale Structure Evolution in Alkoxide-Carboxylate Sol-Gel Precursor Solutions of Barium Titanate. <i>Journal of Physical Chemistry C</i> , 2011, 115, 20449-20459.	1.5	16

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127	Polymer research and synchrotron radiation perspectives. European Polymer Journal, 2016, 81, 415-432.	2.6	16
128	Templated Sub-100 nm Thick Double Gyroid Structure from Si-Containing Block Copolymer Thin Films. Small, 2017, 13, 1603777.	5.2	16
129	Porphyrin/SPEEK Membranes with Improved Conductivity and Durability for PEFC Technology. ACS Applied Energy Materials, 2018, 1, 1664-1673.	2.5	16
130	Ionic thermoelectric materials for waste heat harvesting. Colloid and Polymer Science, 2021, 299, 465-479.	1.0	16
131	Structural Dynamics and Tunability for Colloidal Tin Halide Perovskite Nanostructures. Advanced Materials, 2022, 34, e2201353.	11.1	16
132	The Pyridyl Functional Groups Guide the Formation of Pd Nanoparticles Inside A Porous Poly(4-vinylpyridine). ChemCatChem, 2015, 7, 2188-2195.	1.8	15
133	Melt-Miscible Oxalamide Based Nucleating Agents and Their Nucleation Efficiency in Isotactic Polypropylene. Industrial & Engineering Chemistry Research, 2016, 55, 11756-11766.	1.8	14
134	Systematic Investigation on the Structure-Property Relationship in Isotactic Polypropylene Films Processed via Cast Film Extrusion. Polymers, 2020, 12, 1636.	2.0	14
135	Structural characterization of supramolecular hollow nanotubes with atomistic simulations and SAXS. Physical Chemistry Chemical Physics, 2020, 22, 21083-21093.	1.3	14
136	Photochromism in Ruddlesden-Popper copper-based perovskites: a light-induced change of coordination number at the surface. Journal of Materials Chemistry C, 2020, 8, 15377-15384.	2.7	14
137	Large size fibrillar bundles of the Alzheimer amyloid β -protein. European Biophysics Journal, 2007, 36, 701-709.	1.2	13
138	Micellization of Miktoarm Star S ₁ S ₂ Copolymers in Block Copolymer/Homopolymer Blends. Macromolecules, 2009, 42, 5285-5295.	2.2	13
139	Molecular Organization of Cylindrical Sexithiophene Aggregates Measured by X-ray Scattering and Magnetic Alignment. Langmuir, 2009, 25, 1272-1276.	1.6	13
140	Microstructure, state of water and proton conductivity of sulfonated poly(ether ether ketone). Solid State Ionics, 2013, 252, 62-67.	1.3	13
141	Effect of the Ortho Alkylation of Perylene Bisimides on the Alignment and Self-Assembly Properties. ChemistryOpen, 2014, 3, 138-141.	0.9	13
142	Hierarchical Structures of Polystyrene-block-poly(2-vinylpyridine)/Palladium Pincer Surfactants: Effect of Weak Surfactant-Polymer Interactions on the Morphological Behavior. Macromolecules, 2014, 47, 5774-5783.	2.2	13
143	Micellar-Mediated Block Copolymer Ordering Dynamics Revealed by In Situ Grazing Incidence Small Angle X-Ray Scattering during Spin Coating. Advanced Functional Materials, 2019, 29, 1806741.	7.8	13
144	Molecular packing structure of fibrin fibers resolved by X-ray scattering and molecular modeling. Soft Matter, 2020, 16, 8272-8283.	1.2	13

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145	Influence of the stoichiometry of tin-based 2D/3D perovskite active layers on solar cell performance. <i>Journal of Materials Chemistry A</i> , 2021, 9, 10095-10103.	5.2	13
146	Boosting the Thermoelectric Properties of PEDOT:PSS via Low-Impact Deposition of Tin Oxide Nanoparticles. <i>Advanced Electronic Materials</i> , 2021, 7, 2001284.	2.6	13
147	Tin-lead-metal halide perovskite solar cells with enhanced crystallinity and efficiency by addition of fluorinated long organic cation. <i>Applied Physics Reviews</i> , 2022, 9, .	5.5	13
148	Supramolecular Mimic for Bottlebrush Polymers in Bulk. <i>ACS Omega</i> , 2019, 4, 16481-16492.	1.6	12
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