

Philippe Leclere

List of Publications by Year in descending order

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161
papers

6,525
citations

50170

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164
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164
docs citations

164
times ranked

8398
citing authors

#	ARTICLE	IF	CITATIONS
1	White-Light Emitting Hydrogen-Bonded Supramolecular Copolymers Based on π -Conjugated Oligomers. <i>Journal of the American Chemical Society</i> , 2009, 131, 833-843.	6.6	333
2	Supramolecular Organization of π -Disubstituted Sexithiophenes. <i>Journal of the American Chemical Society</i> , 2002, 124, 1269-1275.	6.6	211
3	Thermoelectric properties of conducting polymers: The case of poly(3-hexylthiophene). <i>Physical Review B</i> , 2010, 82, .	1.1	196
4	About Oligothiophene Self-Assembly: From Aggregation in Solution to Solid-State Nanostructures. <i>Chemistry of Materials</i> , 2004, 16, 4452-4466.	3.2	186
5	Poly(lactide)/cellulose nanocrystal nanocomposites: Efficient routes for nanofiber modification and effects of nanofiber chemistry on PLA reinforcement. <i>Polymer</i> , 2015, 65, 9-17.	1.8	163
6	Relationship between the microscopic morphology and the charge transport properties in poly(3-hexylthiophene) field-effect transistors. <i>Journal of Applied Physics</i> , 2006, 100, 033712.	1.1	158
7	Supramolecular organization in block copolymers containing a conjugated segment: a joint AFM/molecular modeling study. <i>Progress in Polymer Science</i> , 2003, 28, 55-81.	11.8	151
8	Crystal network formation in organic solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2000, 61, 53-61.	3.0	139
9	Correlation between the Microscopic Morphology and the Solid-State Photoluminescence Properties in Fluorene-Based Polymers and Copolymers. <i>Chemistry of Materials</i> , 2004, 16, 994-1001.	3.2	138
10	Dilution-Induced Self-Assembly of Porphyrin Aggregates: A Consequence of Coupled Equilibria. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 3939-3942.	7.2	134
11	Elastic conducting polymer composites in thermoelectric modules. <i>Nature Communications</i> , 2020, 11, 1424.	5.8	134
12	Highly Regular Organization of Conjugated Polymer Chains via Block Copolymer Self-Assembly. <i>Advanced Materials</i> , 2000, 12, 1042-1046.	11.1	126
13	Microdomain Morphology Analysis of Block Copolymers by Atomic Force Microscopy with Phase Detection Imaging. <i>Langmuir</i> , 1996, 12, 4317-4320.	1.6	123
14	Chiral Amphiphilic Self-Assembled π -Linked Quinque-, Sexi-, and Septithiophenes: Synthesis, Stability and Odd-Even Effects. <i>Journal of the American Chemical Society</i> , 2006, 128, 5923-5929.	6.6	120
15	Helicity Induction and Amplification in an Oligo(<i>p</i> -phenylenevinylene) Assembly through Hydrogen-Bonded Chiral Acids. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 8206-8211.	7.2	118
16	Field-Effect Transistors Based on Self-Organized Molecular Nanostripes. <i>Nano Letters</i> , 2005, 5, 2422-2425.	4.5	114
17	Supramolecular Materials from Benzene-1,3,5-tricarboxamide-Based Nanorods. <i>Journal of the American Chemical Society</i> , 2008, 130, 1120-1121.	6.6	112
18	Oligo(<i>p</i> -phenylenevinylene)-Peptide Conjugates: Synthesis and Self-Assembly in Solution and at the Solid-Liquid Interface. <i>Journal of the American Chemical Society</i> , 2008, 130, 14576-14583.	6.6	100

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19	Multicolour Self-Assembled Fluorene Co-Oligomers: From Molecules to the Solid State via White-Light-Emitting Organogels. <i>Chemistry - A European Journal</i> , 2009, 15, 9737-9746.	1.7	99
20	Influence of Supramolecular Organization on Energy Transfer Properties in Chiral Oligo(<i>p</i> -phenylene vinylene) Porphyrin Assemblies. <i>Journal of the American Chemical Society</i> , 2007, 129, 9819-9828.	6.6	98
21	Synthesis, characterization and comparative study of thiophene-benzothiadiazole based donor-acceptor-donor (D-A-D) materials. <i>Journal of Materials Chemistry</i> , 2009, 19, 3228.	6.7	98
22	Characterization of an acrylamide-based dry photopolymer holographic recording material. <i>Optical Engineering</i> , 1994, 33, 3942.	0.5	96
23	Star-Shaped Oligo(<i>p</i> -phenylenevinylene) Substituted Hexaarylbenzene: Purity, Stability, and Chiral Self-assembly. <i>Journal of the American Chemical Society</i> , 2007, 129, 16190-16196.	6.6	96
24	Synthesis, Morphology, and Mechanical Properties of Poly(methyl methacrylate)- <i>b</i> -poly(<i>n</i> -butyl) Radical Polymerization. <i>Macromolecules</i> , 2000, 33, 470-479.	2.2	92
25	Light-Responsive Hierarchically Structured Liquid Crystal Polymer Networks for Harnessing Cell Adhesion and Migration. <i>Advanced Materials</i> , 2017, 29, 1606407.	11.1	90
26	Supramolecular assembly of conjugated polymers: From molecular engineering to solid-state properties. <i>Materials Science and Engineering Reports</i> , 2006, 55, 1-56.	14.8	88
27	Insights into Templated Supramolecular Polymerization: Binding of Naphthalene Derivatives to ssDNA Templates of Different Lengths. <i>Journal of the American Chemical Society</i> , 2009, 131, 1222-1231.	6.6	86
28	Microscopic Morphology of Polyfluorene-Poly(ethylene oxide) Block Copolymers: Influence of the Block Ratio. <i>Advanced Functional Materials</i> , 2004, 14, 708-715.	7.8	77
29	Toughening of polylactide by tailoring phase-morphology with P[CL-co-LA] random copolyesters as biodegradable impact modifiers. <i>European Polymer Journal</i> , 2013, 49, 914-922.	2.6	77
30	Correlation Between Molecular Structure, Microscopic Morphology, and Optical Properties of Poly(tetraalkylindenofluorene)s. <i>Advanced Functional Materials</i> , 2002, 12, 729-733.	7.8	75
31	Quantitative Measurement of the Mechanical Contribution to Tapping-Mode Atomic Force Microscopy Images of Soft Materials. <i>Langmuir</i> , 2000, 16, 8432-8437.	1.6	74
32	Supramolecular Organization of ssDNA-Templated Conjugated Oligomers via Hydrogen Bonding. <i>Advanced Materials</i> , 2009, 21, 1126-1130.	11.1	72
33	Sub-5 nm Patterning by Directed Self-Assembly of Oligo(Dimethylsiloxane) Liquid Crystal Thin Films. <i>Advanced Materials</i> , 2016, 28, 10068-10072.	11.1	64
34	Study of ZrN layers deposited by reactive magnetron sputtering. <i>Surface and Coatings Technology</i> , 2003, 174-175, 240-245.	2.2	61
35	Sol-gel incorporation of silica nanofillers for tuning the anti-corrosion protection of acrylate-based coatings. <i>Progress in Organic Coatings</i> , 2013, 76, 900-911.	1.9	60
36	Solid-state assemblies and optical properties of conjugated oligomers combining fluorene and thiophene units. <i>Journal of Materials Chemistry</i> , 2007, 17, 728-735.	6.7	58

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37	Fiber-Optic SPR Immunosensors Tailored To Target Epithelial Cells through Membrane Receptors. <i>Analytical Chemistry</i> , 2015, 87, 5957-5965.	3.2	58
38	Organic semi-conducting architectures for supramolecular electronics. <i>European Polymer Journal</i> , 2004, 40, 885-892.	2.6	57
39	Surface-controlled self-assembly of chiral sexithiophenes. <i>Journal of Materials Chemistry</i> , 2004, 14, 1959-1963.	6.7	56
40	4-Hexylbithieno[3,2-b:2'3'-e]pyridine: An Efficient Electron-Accepting Unit in Fluorene and Indenofluorene Copolymers for Light-Emitting Devices. <i>Macromolecules</i> , 2004, 37, 709-715.	2.2	55
41	Organized Semiconducting Nanostructures from Conjugated Block Copolymer Self-Assembly. <i>Chemistry of Materials</i> , 1998, 10, 4010-4014.	3.2	54
42	Growth of ultrathin Ti films deposited on SnO ₂ by magnetron sputtering. <i>Thin Solid Films</i> , 2003, 437, 57-62.	0.8	54
43	Nanorubbing of Polythiophene Surfaces. <i>Journal of the American Chemical Society</i> , 2005, 127, 8018-8019.	6.6	54
44	XPS/AFM study of the PET surface modified by oxygen and carbon dioxide plasmas: Al/PET adhesion. <i>Journal of Adhesion Science and Technology</i> , 1998, 12, 999-1023.	1.4	49
45	Poly(3-alkylthiophene) with tuneable regioregularity: synthesis and self-assembling properties. <i>Polymer Chemistry</i> , 2013, 4, 2662.	1.9	48
46	Morphology and mechanical properties of poly(methylmethacrylate)-b-poly(alkylacrylate)-b-poly(methylmethacrylate). <i>Polymer</i> , 2001, 42, 3503-3514.	1.8	46
47	Nanoscale investigation of the electrical properties in semiconductor polymer-carbon nanotube hybrid materials. <i>Nanoscale</i> , 2012, 4, 2705.	2.8	45
48	Atomic force microscopy study of comb-like vs. arborescent graft copolymers in thin films. <i>Polymer</i> , 2004, 45, 1833-1843.	1.8	44
49	Molecule-Molecule versus Molecule-Substrate Interactions in the Assembly of Oligothiophenes at Surfaces. <i>Journal of Physical Chemistry B</i> , 2006, 110, 7898-7908.	1.2	44
50	Functional polymers: scanning force microscopy insights. <i>Physical Chemistry Chemical Physics</i> , 2006, 8, 3927-3938.	1.3	43
51	Controlled Free Radical Polymerization of Styrene Initiated from Alkoxyamine Attached to Polyacrylate Chemisorbed onto Conducting Surfaces. <i>Chemistry of Materials</i> , 2003, 15, 923-927.	3.2	42
52	Direct Observation of Microdomain Morphology in All-Acrylic Thermoplastic Elastomers Synthesized via Living Radical Polymerization. <i>Langmuir</i> , 1999, 15, 3915-3919.	1.6	41
53	Supramolecular Organization in Fluorene/Indenofluorene- Oligothiophene Alternating Conjugated Copolymers. <i>Advanced Functional Materials</i> , 2005, 15, 1426-1434.	7.8	40
54	Regioregular poly(3-hexylthiophene)-poly(ϵ -caprolactone) block copolymers: Controlled synthesis, microscopic morphology, and charge transport properties. <i>Organic Electronics</i> , 2010, 11, 767-774.	1.4	39

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55	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
56	Polymer Coating of Steel by a Combination of Electrografting and Atom-Transfer Radical Polymerization. <i>Macromolecules</i> , 2003, 36, 5926-5933.	2.2	36
57	Toughening of poly(lactide) using polyethylene glycol methyl ether acrylate: Reactive versus physical blending. <i>Polymer Engineering and Science</i> , 2015, 55, 1408-1419.	1.5	35
58	Estimation of π - π Electronic Couplings from Current Measurements. <i>Nano Letters</i> , 2017, 17, 3215-3224.	4.5	35
59	Correlation between (nano)-mechanical and chemical changes occurring during photo-oxidation of filled vulcanised styrene butadiene rubber (SBR). <i>Polymer Degradation and Stability</i> , 2012, 97, 2195-2201.	2.7	32
60	The Bis-urea Motif as a Tool To Functionalize Self-Assembled Nanoribbons. <i>Journal of the American Chemical Society</i> , 2005, 127, 16768-16769.	6.6	30
61	Microphase separation at the surface of block copolymers, as studied with atomic force microscopy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2000, 19, 381-395.	2.5	29
62	Multiphase coatings from complex radiation curable polyurethane dispersions. <i>Progress in Organic Coatings</i> , 2012, 75, 560-568.	1.9	29
63	On-Demand Wrinkling Patterns in Thin Metal Films Generated from Self-Assembling Liquid Crystals. <i>Advanced Functional Materials</i> , 2015, 25, 1360-1365.	7.8	29
64	Probing viscoelastic response of soft material surfaces at the nanoscale. <i>Soft Matter</i> , 2016, 12, 619-624.	1.2	28
65	Growth and morphology of magnetron sputter deposited silver films. <i>Surface and Coatings Technology</i> , 2002, 151-152, 86-90.	2.2	27
66	New α - ω -All-Acrylate-Block Copolymers: Synthesis and Influence of the Architecture on the Morphology and the Mechanical Properties. <i>Macromolecules</i> , 2007, 40, 1055-1065.	2.2	27
67	Morphology and rheology of poly(methyl methacrylate)-block-poly(isooctyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 267 Td (ac elastomers. <i>Macromolecular Chemistry and Physics</i> , 2000, 201, 1250-1258.	1.1	26
68	Controlled nanorubbing of polythiophene thin films for field-effect transistors. <i>Organic Electronics</i> , 2008, 9, 821-828.	1.4	25
69	Multimodal noncontact atomic force microscopy and Kelvin probe force microscopy investigations of organolead tribromide perovskite single crystals. <i>Beilstein Journal of Nanotechnology</i> , 2018, 9, 1695-1704.	1.5	25
70	Title is missing!. <i>European Physical Journal E</i> , 2001, 6, 387-397.	0.7	24
71	Fractal dimension, growth mode and residual stress of metal thin films. <i>Journal Physics D: Applied Physics</i> , 2007, 40, 1077-1079.	1.3	24
72	One-Pot Synthesis and Characterization of All-Conjugated Poly(3-alkylthiophene)- <i>block</i> -poly(dialkylthieno[3,4- <i>b</i>]pyrazine). <i>Macromolecules</i> , 2014, 47, 6671-6678.	2.2	24

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73	3D Orientational Control in Self-Assembled Thin Films with Sub-5 nm Features by Light. <i>Small</i> , 2017, 13, 1701043.	5.2	24
74	Kinked Silicon Nanowires: Superstructures by Metal-Assisted Chemical Etching. <i>Nano Letters</i> , 2019, 19, 7681-7690.	4.5	24
75	New carboxysilane-coated iron oxide nanoparticles for nonspecific cell labelling. <i>Contrast Media and Molecular Imaging</i> , 2013, 8, 466-474.	0.4	23
76	On the mechanical and electronic properties of thiolated gold nanocrystals. <i>Nanoscale</i> , 2015, 7, 1809-1819.	2.8	23
77	From Jellyfish Macromolecular Architectures to Nanodoughnut Self-Assembly. <i>Macromolecules</i> , 2010, 43, 575-579.	2.2	22
78	Crystallization-induced toughness of rubber-modified polylactide: combined effects of biodegradable impact modifier and effective nucleating agent. <i>Polymers for Advanced Technologies</i> , 2015, 26, 814-822.	1.6	22
79	On the Nanoscale Mapping of the Mechanical and Piezoelectric Properties of Poly (L-Lactic Acid) Electrospun Nanofibers. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 652.	1.3	22
80	Preparation of narrowly dispersed stereocomplex nanocrystals: a step towards all-poly(lactic acid) nanocomposites. <i>Journal of Materials Chemistry A</i> , 2014, 2, 7402-7409.	5.2	21
81	High-Relaxivity and Luminescent Silica Nanoparticles As Multimodal Agents for Molecular Imaging. <i>Langmuir</i> , 2013, 29, 3419-3427.	1.6	20
82	Towards a unified description of the charge transport mechanisms in conductive atomic force microscopy studies of semiconducting polymers. <i>Nanoscale</i> , 2014, 6, 10596-10603.	2.8	20
83	The cellular basis of bioadhesion of the freshwater polyp Hydra. <i>BMC Zoology</i> , 2016, 1, .	0.3	20
84	Kinked silicon nanowires-enabled interweaving electrode configuration for lithium-ion batteries. <i>Scientific Reports</i> , 2018, 8, 9794.	1.6	20
85	Synthesis and bulk properties of poly(methyl methacrylate)-b-poly(isooctyl acrylate)-b-poly(methyl Tj ETQq1 1 0,784314 rgBT /Ove	1.8	18
86	Probing viscosity of a polymer melt at the nanometre scale with an oscillating nanotip. <i>European Physical Journal E</i> , 2001, 6, 49-55.	0.7	18
87	Convection-assisted assembly of cellulose nanowhiskers embedded in an acrylic copolymer. <i>Nanoscale</i> , 2013, 5, 1082-1090.	2.8	18
88	Modification of the Adhesive Properties of Silicone-Based Coatings by Block Copolymers. <i>Langmuir</i> , 2014, 30, 358-368.	1.6	18
89	Direct visualization of microphase separation in block copoly(3-alkylthiophene)s. <i>RSC Advances</i> , 2015, 5, 8721-8726.	1.7	18
90	Mechanistic Insights on Spontaneous Moisture-Driven Healing of Urea-Based Polyurethanes. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 46176-46182.	4.0	18

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91	Photobleaching of xanthene dyes in a poly(vinyl alcohol) matrix. <i>Applied Physics B: Lasers and Optics</i> , 1994, 58, 73-77.	1.1	17
92	Surface-Induced Selective Delamination of Amphiphilic ABA Block Copolymer Thin Films. <i>Macromolecules</i> , 2004, 37, 3431-3437.	2.2	17
93	Influence of the regioregularity on the chiral supramolecular organization of poly(3-alkylsulfanylthiophene)s. <i>RSC Advances</i> , 2013, 3, 3342.	1.7	17
94	Chemical force microscopy of stimuli-responsive adhesive copolymers. <i>Nanoscale</i> , 2014, 6, 565-571.	2.8	17
95	On the Sputtering of Titanium and Silver onto Liquids, Discussing the Formation of Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2018, 122, 26605-26612.	1.5	17
96	Oligothiophene-based nanostructures: from solution to solid-state aggregates. <i>Synthetic Metals</i> , 2004, 147, 67-72.	2.1	16
97	Microscopic morphology of blends between a new "all-acrylate" radial block copolymer and a rosin ester resin for pressure sensitive adhesives. <i>European Polymer Journal</i> , 2008, 44, 3931-3940.	2.6	16
98	Kinetic switching between two modes of bisurea surfactant self-assembly. <i>Chemical Communications</i> , 2010, 46, 6063.	2.2	16
99	Macrocyclic regioregular poly(3-hexylthiophene): from controlled synthesis to nanotubular assemblies. <i>Polymer Chemistry</i> , 2013, 4, 237-241.	1.9	16
100	The structural and chemical basis of temporary adhesion in the sea star <i>Asterina gibbosa</i> . <i>Beilstein Journal of Nanotechnology</i> , 2018, 9, 2071-2086.	1.5	16
101	Sea star-inspired recombinant adhesive proteins self-assemble and adsorb on surfaces in aqueous environments to form cytocompatible coatings. <i>Acta Biomaterialia</i> , 2020, 112, 62-74.	4.1	16
102	Probing the Local Conformation within "Conjugated One-dimensional Supramolecular Stacks using Frequency Modulation Atomic Force Microscopy. <i>Advanced Materials</i> , 2009, 21, 4124-4129.	11.1	15
103	Measure of the diffraction efficiency of a holographic grating created by two Gaussian beams. <i>Applied Optics</i> , 1992, 31, 4725.	2.1	14
104	Dynamic force microscopy analysis of block copolymers: beyond imaging the morphology. <i>Applied Surface Science</i> , 2002, 188, 524-533.	3.1	14
105	Influence of the Grafting Density on the Self-Assembly in Poly(phenyleneethynylene)-g-poly(3-hexylthiophene) Graft Copolymers. <i>Macromolecules</i> , 2015, 48, 8789-8796.	2.2	14
106	Hybrid Interface in Sepiolite Rubber Nanocomposites: Role of Self-Assembled Nanostructure in Controlling Dissipative Phenomena. <i>Nanomaterials</i> , 2019, 9, 486.	1.9	14
107	Photopolymerizable material for holographic recording in the 450-550 nm domain: characterization and applications II. <i>Journal of Optics</i> , 1992, 23, 73-79.	0.3	13
108	The Self-Assembly of Amphiphilic Oligothiophenes: Hydrogen Bonding and Poly(glutamate) Complexation. <i>Bulletin of the Chemical Society of Japan</i> , 2007, 80, 1703-1715.	2.0	13

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109	Solution processed liquid metal-conducting polymer hybrid thin films as electrochemical pH-threshold indicators. <i>Journal of Materials Chemistry C</i> , 2015, 3, 7604-7611.	2.7	13
110	Modeling and Measuring Viscoelasticity with Dynamic Atomic Force Microscopy. <i>Physical Review Applied</i> , 2018, 10, .	1.5	13
111	Structure and composition of the tunic in the sea pineapple <i>Halocynthia roretzi</i> : A complex cellulosic composite biomaterial. <i>Acta Biomaterialia</i> , 2020, 111, 290-301.	4.1	13
112	Microstructure of block copolymers containing a conjugated segment, as studied with atomic force microscopy. <i>Synthetic Metals</i> , 1999, 102, 1279-1282.	2.1	12
113	Adhesive properties of a radial acrylic block co-polymer with a rosin ester resin. <i>Journal of Adhesion Science and Technology</i> , 2007, 21, 559-574.	1.4	12
114	On the influence of the photo-oxidation of P3HT on the conductivity of photoactive film of P3HT:PCBM bulk heterojunctions. <i>Organic Electronics</i> , 2017, 43, 142-147.	1.4	12
115	On the effects of a pressure induced amorphous silicon layer on consecutive spreading resistance microscopy scans of doped silicon. <i>Journal of Applied Physics</i> , 2015, 117, 244306.	1.1	11
116	Nanoscale study of MoSe ₂ /poly(3-hexylthiophene) bulk heterojunctions for hybrid photovoltaic applications. <i>Solar Energy Materials and Solar Cells</i> , 2016, 145, 116-125.	3.0	11
117	Solvent-Free Design of Biobased Non-isocyanate Polyurethanes with Ferroelectric Properties. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 14946-14958.	3.2	11
118	Synthesis, characterization and comparative OFET behaviour of indenofluorene-bithiophene and terthiophene alternating copolymers. <i>Synthetic Metals</i> , 2010, 160, 468-474.	2.1	10
119	Phase-separated microstructures in all-acrylic thermoplastic elastomers. <i>Macromolecular Symposia</i> , 2001, 167, 117-137.	0.4	9
120	Conjugated polymer chains self-assembly: a new method to generate (semi)-conducting nanowires?. <i>Materials Science and Technology</i> , 2002, 18, 749-754.	0.8	9
121	Instantaneous adhesion of Cuvierian tubules in the sea cucumber <i>Holothuria forskali</i> . <i>Biointerphases</i> , 2014, 9, 029016.	0.6	9
122	On the Photo-Induced Charge-Carrier Generation within Monolayers of Self-Assembled Organic Donor-Acceptor Dyads. <i>Advanced Materials</i> , 2014, 26, 6416-6422.	11.1	9
123	The wrinkling concept applied to plasma-deposited polymer-like thin films: A promising method for the fabrication of flexible electrodes. <i>Plasma Processes and Polymers</i> , 2020, 17, 2000119.	1.6	9
124	Electron Tomography Shows Molecular Anchoring Within a Layer-by-Layer Film. <i>Journal of the American Chemical Society</i> , 2008, 130, 12608-12609.	6.6	7
125	Strategies toward Controlling the Topology of Nonlinear Poly(thiophenes). <i>Macromolecules</i> , 2016, 49, 8951-8959.	2.2	7
126	Investigating the relationship between the mechanical properties of plasma polymer-like thin films and their glass transition temperature. <i>Soft Matter</i> , 2021, 17, 10032-10041.	1.2	7

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127	Nanoscale Electrical Investigation of Transparent Conductive Electrodes Based on Silver Nanowire Network. <i>Advanced Materials Interfaces</i> , 2022, 9, .	1.9	7
128	Organization of conjugated polymer materials via block copolymer self-assembly. <i>Synthetic Metals</i> , 2001, 121, 1295-1296.	2.1	6
129	Contactless Control of Local Surface Buckling in Photoaligned Gold/Liquid Crystal Polymer Bilayers. <i>Langmuir</i> , 2018, 34, 10543-10549.	1.6	6
130	On the Nanomechanical and Viscoelastic Properties of Coatings Made of Recombinant Sea Star Adhesive Proteins. <i>Frontiers in Mechanical Engineering</i> , 2021, 7, .	0.8	6
131	Nanoscale Studies at the Early Stage of Water-Induced Degradation of CH ₃ NH ₃ PbI ₃ Perovskite Films Used for Photovoltaic Applications. <i>ACS Applied Nano Materials</i> , 2020, 3, 8268-8277.	2.4	5
132	Surface organization of hyperbranched polymer molecules, as studied by atomic force microscopy. <i>Macromolecular Symposia</i> , 2001, 167, 243-256.	0.4	4
133	Reactive oligo(dimethylsiloxane) mesogens and their nanostructured thin films. <i>Soft Matter</i> , 2017, 13, 4357-4362.	1.2	4
134	A simple method for enhancing the electrical properties of silver nanowire transparent conductive electrodes. <i>Materials Letters</i> , 2021, 287, 129243.	1.3	4
135	Microwave Atmospheric Plasma: A Versatile and Fast Way to Confer Antimicrobial Activity toward Direct Chitosan Immobilization onto Poly(lactic acid) Substrate. <i>ACS Applied Bio Materials</i> , 2021, 4, 7445-7455.	2.3	4
136	Dynamic force microscopic study of a triblock copolymer with the AFM non contact resonant mode. <i>Macromolecular Symposia</i> , 2001, 167, 177-188.	0.4	3
137	Scanning Probe Microscopy of Complex Polymer Systems: Beyond Imaging their Morphology. , 2006, , 175-207.		3
138	Excimer-laser induced structural transformations of TiO ₂ thin films. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2008, 5, 3255-3258.	0.8	3
139	On the transfer of cooperative self-assembled Æ-conjugated fibrils to a gold substrate. <i>Chemical Communications</i> , 2011, 47, 9333.	2.2	3
140	Dispersion Photopolymerization of Acrylated Oligomers Using a Flexible Continuous Reactor. <i>Macromolecular Reaction Engineering</i> , 2016, 10, 502-509.	0.9	3
141	Nano-mechanical properties of interphases in dynamically vulcanized thermoplastic alloy. <i>Polymer</i> , 2018, 135, 348-354.	1.8	3
142	A scanning probe microscopy study of nanostructured TiO ₂ /poly(3-hexylthiophene) hybrid heterojunctions for photovoltaic applications. <i>Beilstein Journal of Nanotechnology</i> , 2018, 9, 2087-2096.	1.5	3
143	Scanning probe microscopy for energy-related materials. <i>Beilstein Journal of Nanotechnology</i> , 2019, 10, 132-134.	1.5	3
144	Gold nanoparticles growing in a polymer matrix: What can we learn from spectroscopic imaging ellipsometry?. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2020, 38, .	0.6	3

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145	Disentangling the Roles of Functional Domains in the Aggregation and Adsorption of the Multimodular Sea Star Adhesive Protein Sfp1. <i>Marine Biotechnology</i> , 2021, 23, 724-735.	1.1	3
146	Dynamic Atomic Force Microscopy Analysis of Polymer Materials: Beyond Imaging Their Surface Morphology. <i>ACS Symposium Series</i> , 2005, , 86-97.	0.5	2
147	Doping of poly(3-hexylthiophene) nanofibers: microscopic morphology and electrical properties. <i>EPJ Applied Physics</i> , 2009, 46, 12504.	0.3	2
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