

Philippe Leclere

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154
papers

5,805
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44
h-index

71
g-index

164
ext. papers

6,149
ext. citations

7.3
avg, IF

5.17
L-index

#	Paper	IF	Citations
154	White-light emitting hydrogen-bonded supramolecular copolymers based on pi-conjugated oligomers. <i>Journal of the American Chemical Society</i> , 2009 , 131, 833-43	16.4	318
153	Supramolecular organization of alpha,alpha'-disubstituted sexithiophenes. <i>Journal of the American Chemical Society</i> , 2002 , 124, 1269-75	16.4	201
152	About Oligothiophene Self-Assembly: From Aggregation in Solution to Solid-State Nanostructures. <i>Chemistry of Materials</i> , 2004 , 16, 4452-4466	9.6	175
151	Thermoelectric properties of conducting polymers: The case of poly(3-hexylthiophene). <i>Physical Review B</i> , 2010 , 82,	3.3	173
150	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	2.5	150
149	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	29.6	148
148	Polylactide/cellulose nanocrystal nanocomposites: Efficient routes for nanofiber modification and effects of nanofiber chemistry on PLA reinforcement. <i>Polymer</i> , 2015 , 65, 9-17	3.9	136
147	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	9.6	133
146	Crystal network formation in organic solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2000 , 61, 53-61	6.4	129
145	Highly Regular Organization of Conjugated Polymer Chains via Block Copolymer Self-Assembly. <i>Advanced Materials</i> , 2000 , 12, 1042-1046	24	120
144	Dilution-induced self-assembly of porphyrin aggregates: a consequence of coupled equilibria. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 3939-42	16.4	116
143	Field-effect transistors based on self-organized molecular nanostripes. <i>Nano Letters</i> , 2005 , 5, 2422-5	11.5	113
142	Chiral amphiphilic self-assembled alpha,alpha'-linked quinque-, sexi-, and septithiophenes: synthesis, stability and odd-even effects. <i>Journal of the American Chemical Society</i> , 2006 , 128, 5923-9	16.4	112
141	Microdomain Morphology Analysis of Block Copolymers by Atomic Force Microscopy with Phase Detection Imaging. <i>Langmuir</i> , 1996 , 12, 4317-4320	4	111
140	Helicity induction and amplification in an oligo(p-phenylenevinylene) assembly through hydrogen-bonded chiral acids. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 8206-11	16.4	110
139	Supramolecular materials from benzene-1,3,5-tricarboxamide-based nanorods. <i>Journal of the American Chemical Society</i> , 2008 , 130, 1120-1	16.4	105
138	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, 9737-46	4.8	95

137	Oligo(p-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, 14576-83	16.4	95
136	Influence of supramolecular organization on energy transfer properties in chiral oligo(p-phenylene vinylene) porphyrin assemblies. <i>Journal of the American Chemical Society</i> , 2007 , 129, 9819-28	16.4	91
135	Synthesis, characterization and comparative study of thiophene-Benzothiadiazole based donor-acceptor-donor (DAD) materials. <i>Journal of Materials Chemistry</i> , 2009 , 19, 3228		88
134	Star-shaped oligo(p-phenylenevinylene) substituted hexaarylbenzene: purity, stability, and chiral self-assembly. <i>Journal of the American Chemical Society</i> , 2007 , 129, 16190-6	16.4	88
133	Supramolecular assembly of conjugated polymers: From molecular engineering to solid-state properties. <i>Materials Science and Engineering Reports</i> , 2006 , 55, 1-56	30.9	82
132	Synthesis, Morphology, and Mechanical Properties of Poly(methyl methacrylate)-b-poly(n-butyl acrylate)-b-poly(methyl methacrylate) Triblocks. Ligated Anionic Polymerization vs Atom Transfer Radical Polymerization. <i>Macromolecules</i> , 2000 , 33, 470-479	5.5	81
131	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, 1222-31	16.4	79
130	Microscopic Morphology of Polyfluorene-Poly(ethylene oxide) Block Copolymers: Influence of the Block Ratio. <i>Advanced Functional Materials</i> , 2004 , 14, 708-715	15.6	73
129	Light-Responsive Hierarchically Structured Liquid Crystal Polymer Networks for Harnessing Cell Adhesion and Migration. <i>Advanced Materials</i> , 2017 , 29, 1606407	24	72
128	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	5.2	71
127	Characterization of an acrylamide-based dry photopolymer holographic recording material. <i>Optical Engineering</i> , 1994 , 33, 3942	1.1	71
126	Supramolecular Organization of ssDNA-Templated π -Conjugated Oligomers via Hydrogen Bonding. <i>Advanced Materials</i> , 2009 , 21, 1126-1130	24	69
125	Elastic conducting polymer composites in thermoelectric modules. <i>Nature Communications</i> , 2020 , 11, 1424	17.4	68
124	Correlation Between Molecular Structure, Microscopic Morphology, and Optical Properties of Poly(tetraalkylindenofluorene)s. <i>Advanced Functional Materials</i> , 2002 , 12, 729-733	15.6	68
123	Quantitative Measurement of the Mechanical Contribution to Tapping-Mode Atomic Force Microscopy Images of Soft Materials. <i>Langmuir</i> , 2000 , 16, 8432-8437	4	68
122	Sub-5 nm Patterning by Directed Self-Assembly of Oligo(Dimethylsiloxane) Liquid Crystal Thin Films. <i>Advanced Materials</i> , 2016 , 28, 10068-10072	24	56
121	Solid-state assemblies and optical properties of conjugated oligomers combining fluorene and thiophene units. <i>Journal of Materials Chemistry</i> , 2007 , 17, 728-735		54
120	Organic semi-conducting architectures for supramolecular electronics. <i>European Polymer Journal</i> , 2004 , 40, 885-892	5.2	54

- 119 Surface-controlled self-assembly of chiral sexithiophenes. *Journal of Materials Chemistry*, **2004**, 14, 1959-1963 54
- 118 4-Hexylbithieno[3,2-b:2'3']pyridine: An Efficient Electron-Accepting Unit in Fluorene and Indenofluorene Copolymers for Light-Emitting Devices. *Macromolecules*, **2004**, 37, 709-715 5.5 53
- 117 Study of ZrN layers deposited by reactive magnetron sputtering. *Surface and Coatings Technology*, **2003**, 174-175, 240-245 4.4 52
- 116 Sol-gel incorporation of silica nanofillers for tuning the anti-corrosion protection of acrylate-based coatings. *Progress in Organic Coatings*, **2013**, 76, 900-911 4.8 51
- 115 Organized Semiconducting Nanostructures from Conjugated Block Copolymer Self-Assembly. *Chemistry of Materials*, **1998**, 10, 4010-4014 9.6 49
- 114 Nanorubbing of polythiophene surfaces. *Journal of the American Chemical Society*, **2005**, 127, 8018-9 16.4 48
- 113 Fiber-Optic SPR Immunosensors Tailored To Target Epithelial Cells through Membrane Receptors. *Analytical Chemistry*, **2015**, 87, 5957-65 7.8 47
- 112 Growth of ultrathin Ti films deposited on SnO₂ by magnetron sputtering. *Thin Solid Films*, **2003**, 437, 57-62 2.2 45
- 111 Poly(3-alkylthiophene) with tuneable regioregularity: synthesis and self-assembling properties. *Polymer Chemistry*, **2013**, 4, 2662 4.9 44
- 110 XPS/AFM study of the PET surface modified by oxygen and carbon dioxide plasmas: Al/PET adhesion. *Journal of Adhesion Science and Technology*, **1998**, 12, 999-1023 2 44
- 109 Nanoscale investigation of the electrical properties in semiconductor polymer-carbon nanotube hybrid materials. *Nanoscale*, **2012**, 4, 2705-12 7.7 43
- 108 Molecule-molecule versus molecule-substrate interactions in the assembly of oligothiophenes at surfaces. *Journal of Physical Chemistry B*, **2006**, 110, 7898-908 3.4 43
- 107 Atomic force microscopy study of comb-like vs. arborescent graft copolymers in thin films. *Polymer*, **2004**, 45, 1833-1843 3.9 43
- 106 Morphology and mechanical properties of poly(methylmethacrylate)-b-poly(alkylacrylate)-b-poly(methylmethacrylate). *Polymer*, **2001**, 42, 3503-3514 3.4 41
- 105 Direct Observation of Microdomain Morphology in All-Acrylic Thermoplastic Elastomers Synthesized via Living Radical Polymerization. *Langmuir*, **1999**, 15, 3915-3919 4 40
- 104 Supramolecular Organization in Fluorene/Indenofluorene Oligothiophene Alternating Conjugated Copolymers. *Advanced Functional Materials*, **2005**, 15, 1426-1434 15.6 39
- 103 Functional polymers: scanning force microscopy insights. *Physical Chemistry Chemical Physics*, **2006**, 8, 3927-38 3.6 37
- 102 Regioregular poly(3-hexylthiophene)-poly(ϵ -caprolactone) block copolymers: Controlled synthesis, microscopic morphology, and charge transport properties. *Organic Electronics*, **2010**, 11, 767-774 3.5 36

101	Patterned silver nanoparticles embedded in a nanoporous smectic liquid crystalline polymer network. <i>Journal of the American Chemical Society</i> , 2013 , 135, 10922-5	16.4	35
100	Polymer Coating of Steel by a Combination of Electrografting and Atom-Transfer Radical Polymerization. <i>Macromolecules</i> , 2003 , 36, 5926-5933	5.5	35
99	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	9.6	35
98	Toughening of poly(lactide) using polyethylene glycol methyl ether acrylate: Reactive versus physical blending. <i>Polymer Engineering and Science</i> , 2015 , 55, 1408-1419	2.3	29
97	The bis-urea motif as a tool to functionalize self-assembled nanoribbons. <i>Journal of the American Chemical Society</i> , 2005 , 127, 16768-9	16.4	29
96	On-Demand Wrinkling Patterns in Thin Metal Films Generated from Self-Assembling Liquid Crystals. <i>Advanced Functional Materials</i> , 2015 , 25, 1360-1365	15.6	27
95	Probing viscoelastic response of soft material surfaces at the nanoscale. <i>Soft Matter</i> , 2016 , 12, 619-24	3.6	25
94	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, 2195-2204	4.7	25
93	Controlled nanorubbing of polythiophene thin films for field-effect transistors. <i>Organic Electronics</i> , 2008 , 9, 821-828	3.5	25
92	Morphology and rheology of poly(methyl methacrylate)-block-poly(isooctyl acrylate)-block-poly(methyl methacrylate) triblock copolymers, and potential as thermoplastic elastomers. <i>Macromolecular Chemistry and Physics</i> , 2000 , 201, 1250-1258	2.6	25
91	Multiphase coatings from complex radiation curable polyurethane dispersions. <i>Progress in Organic Coatings</i> , 2012 , 75, 560-568	4.8	24
90	New All-Acrylate Block Copolymers: Synthesis and Influence of the Architecture on the Morphology and the Mechanical Properties. <i>Macromolecules</i> , 2007 , 40, 1055-1065	5.5	24
89	Estimation of Electronic Couplings from Current Measurements. <i>Nano Letters</i> , 2017 , 17, 3215-3224	11.5	23
88	One-Pot Synthesis and Characterization of All-Conjugated Poly(3-alkylthiophene)-block-poly(dialkylthieno[3,4-b]pyrazine). <i>Macromolecules</i> , 2014 , 47, 6671-6678	5.5	23
87	Growth and morphology of magnetron sputter deposited silver films. <i>Surface and Coatings Technology</i> , 2002 , 151-152, 86-90	4.4	23
86	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	6	23
85	3D Orientational Control in Self-Assembled Thin Films with Sub-5 nm Features by Light. <i>Small</i> , 2017 , 13, 1701043	11	22
84	Fractal dimension, growth mode and residual stress of metal thin films. <i>Journal Physics D: Applied Physics</i> , 2007 , 40, 1077-1079	3	22

83	Experimental determination of the viscosity at the nanometer scale on a block copolymer with an oscillating nanotip. <i>European Physical Journal E</i> , 2001 , 6, 387-397	1.5	22
82	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	3.04	21
81	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	3.2	21
80	From Jellyfish Macromolecular Architectures to Nanodoughnut Self-Assembly. <i>Macromolecules</i> , 2010 , 43, 575-579	5.5	21
79	On the mechanical and electronic properties of thiolated gold nanocrystals. <i>Nanoscale</i> , 2015 , 7, 1809-1977	7.7	20
78	New carboxysilane-coated iron oxide nanoparticles for nonspecific cell labelling. <i>Contrast Media and Molecular Imaging</i> , 2013 , 8, 466-74	3.2	20
77	Direct visualization of microphase separation in block copoly(3-alkylthiophene)s. <i>RSC Advances</i> , 2015 , 5, 8721-8726	3.7	18
76	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	13	18
75	High-relaxivity and luminescent silica nanoparticles as multimodal agents for molecular imaging. <i>Langmuir</i> , 2013 , 29, 3419-27	4	18
74	Towards a unified description of the charge transport mechanisms in conductive atomic force microscopy studies of semiconducting polymers. <i>Nanoscale</i> , 2014 , 6, 10596-603	7.7	17
73	Influence of the regioregularity on the chiral supramolecular organization of poly(3-alkylsulfanylthiophene)s. <i>RSC Advances</i> , 2013 , 3, 3342	3.7	17
72	Convection-assisted assembly of cellulose nanowhiskers embedded in an acrylic copolymer. <i>Nanoscale</i> , 2013 , 5, 1082-90	7.7	17
71	Surface-Induced Selective Delamination of Amphiphilic ABA Block Copolymer Thin Films. <i>Macromolecules</i> , 2004 , 37, 3431-3437	5.5	17
70	Synthesis and bulk properties of poly(methyl methacrylate)- b -poly(isooctyl acrylate)- b -poly(methyl methacrylate). <i>Polymer</i> , 2000 , 41, 4617-4624	3.9	17
69	Modification of the adhesive properties of silicone-based coatings by block copolymers. <i>Langmuir</i> , 2014 , 30, 358-68	4	16
68	Probing viscosity of a polymer melt at the nanometre scale with an oscillating nanotip. <i>European Physical Journal E</i> , 2001 , 6, 49-55	1.5	16
67	Macrocyclic regioregular poly(3-hexylthiophene): from controlled synthesis to nanotubular assemblies. <i>Polymer Chemistry</i> , 2013 , 4, 237-241	4.9	15
66	Kinetic switching between two modes of bisurea surfactant self-assembly. <i>Chemical Communications</i> , 2010 , 46, 6063-5	5.8	15

65	Microscopic morphology of blends between a new β ll-acrylate β radial block copolymer and a rosin ester resin for pressure sensitive adhesives. <i>European Polymer Journal</i> , 2008 , 44, 3931-3940	5.2	15
64	Oligothiophene-based nanostructures: from solution to solid-state aggregates. <i>Synthetic Metals</i> , 2004 , 147, 67-72	3.6	15
63	Photobleaching of xanthene dyes in a poly(vinyl alcohol) matrix. <i>Applied Physics B: Lasers and Optics</i> , 1994 , 58, 73-77	1.9	15
62	The structural and chemical basis of temporary adhesion in the sea star. <i>Beilstein Journal of Nanotechnology</i> , 2018 , 9, 2071-2086	3	14
61	Kinked Silicon Nanowires: Superstructures by Metal-Assisted Chemical Etching. <i>Nano Letters</i> , 2019 , 19, 7681-7690	11.5	14
60	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	5.5	14
59	Probing the Local Conformation within β Conjugated One-dimensional Supramolecular Stacks using Frequency Modulation Atomic Force Microscopy. <i>Advanced Materials</i> , 2009 , 21, 4124-4129	24	14
58	The cellular basis of bioadhesion of the freshwater polyp Hydra. <i>BMC Zoology</i> , 2016 , 1,	1.8	13
57	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	5.1	13
56	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	3.8	13
55	Hybrid Interface in Sepiolite Rubber Nanocomposites: Role of Self-Assembled Nanostructure in Controlling Dissipative Phenomena. <i>Nanomaterials</i> , 2019 , 9,	5.4	12
54	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	7.1	12
53	Chemical force microscopy of stimuli-responsive adhesive copolymers. <i>Nanoscale</i> , 2014 , 6, 565-71	7.7	12
52	Photopolymerizable material for holographic recording in the 450-550 nm domain: characterization and applications II. <i>Journal of Optics</i> , 1992 , 23, 73-79		12
51	Kinked silicon nanowires-enabled interweaving electrode configuration for lithium-ion batteries. <i>Scientific Reports</i> , 2018 , 8, 9794	4.9	12
50	Dynamic force microscopy analysis of block copolymers: beyond imaging the morphology. <i>Applied Surface Science</i> , 2002 , 188, 524-533	6.7	11
49	Microstructure of block copolymers containing a conjugated segment, as studied with atomic force microscopy. <i>Synthetic Metals</i> , 1999 , 102, 1279-1282	3.6	11
48	Measure of the diffraction efficiency of a holographic grating created by two Gaussian beams. <i>Applied Optics</i> , 1992 , 31, 4725-33	1.7	11

47	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	2.6	11
46	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	2	10
45	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	3.5	9
44	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	10.8	9
43	Modeling and Measuring Viscoelasticity with Dynamic Atomic Force Microscopy. <i>Physical Review Applied</i> , 2018 , 10,	4.3	9
42	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	2.5	9
41	Synthesis, characterization and comparative OFET behaviour of indenofluorene-bithiophene and terthiophene alternating copolymers. <i>Synthetic Metals</i> , 2010 , 160, 468-474	3.6	9
40	Conjugated polymer chains self-assembly: a new method to generate (semi)-conducting nanowires?. <i>Materials Science and Technology</i> , 2002 , 18, 749-754	1.5	9
39	Phase-separated microstructures in β -acrylic thermoplastic elastomers. <i>Macromolecular Symposia</i> , 2001 , 167, 117-137	0.8	9
38	Instantaneous adhesion of Cuvierian tubules in the sea cucumber <i>Holothuria forskali</i> . <i>Biointerphases</i> , 2014 , 9, 029016	1.8	8
37	On the photo-induced charge-carrier generation within monolayers of self-assembled organic donor-acceptor dyads. <i>Advanced Materials</i> , 2014 , 26, 6416-22	24	8
36	Mechanistic Insights on Spontaneous Moisture-Driven Healing of Urea-Based Polyurethanes. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 46176-46182	9.5	8
35	Strategies toward Controlling the Topology of Nonlinear Poly(thiophenes). <i>Macromolecules</i> , 2016 , 49, 8951-8959	5.5	7
34	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	6.4	6
33	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	10.8	6
32	Electron tomography shows molecular anchoring within a layer-by-layer film. <i>Journal of the American Chemical Society</i> , 2008 , 130, 12608-9	16.4	5
31	Reactive oligo(dimethylsiloxane) mesogens and their nanostructured thin films. <i>Soft Matter</i> , 2017 , 13, 4357-4362	3.6	4
30	Organization of conjugated polymer materials via block copolymer self-assembly. <i>Synthetic Metals</i> , 2001 , 121, 1295-1296	3.6	4

29	A simple method for enhancing the electrical properties of silver nanowire transparent conductive electrodes. <i>Materials Letters</i> , 2021 , 287, 129243	3.3	4
28	On the transfer of cooperative self-assembled E-conjugated fibrils to a gold substrate. <i>Chemical Communications</i> , 2011 , 47, 9333-5	5.8	3
27	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		3
26	Scanning Probe Microscopy of Complex Polymer Systems: Beyond Imaging their Morphology 2006 , 175-207		3
25	Dynamic force microscopic study of a triblock copolymer with the AFM non contact resonant mode. <i>Macromolecular Symposia</i> , 2001 , 167, 177-188	0.8	3
24	Surface organization of hyperbranched polymer molecules, as studied by atomic force microscopy. <i>Macromolecular Symposia</i> , 2001 , 167, 243-256	0.8	3
23	Nanoscale Electrical Investigation of Transparent Conductive Electrodes Based on Silver Nanowire Network. <i>Advanced Materials Interfaces</i> , 2020 , 19, 2000019	4.6	3
22	Contactless Control of Local Surface Buckling in Photoaligned Gold/Liquid Crystal Polymer Bilayers. <i>Langmuir</i> , 2018 , 34, 10543-10549	4	2
21	Doping of poly(3-hexylthiophene) nanofibers: microscopic morphology and electrical properties. <i>EPJ Applied Physics</i> , 2009 , 46, 12504	1.1	2
20	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	5.6	2
19	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	3.4	2
18	On the Nanomechanical and Viscoelastic Properties of Coatings Made of Recombinant Sea Star Adhesive Proteins. <i>Frontiers in Mechanical Engineering</i> , 2017 , 7, 12504	2.6	2
17	Dispersion Photopolymerization of Acrylated Oligomers Using a Flexible Continuous Reactor. <i>Macromolecular Reaction Engineering</i> , 2016 , 10, 502-509	1.5	2
16	A scanning probe microscopy study of nanostructured TiO/poly(3-hexylthiophene) hybrid heterojunctions for photovoltaic applications. <i>Beilstein Journal of Nanotechnology</i> , 2018 , 9, 2087-2096	3	2
15	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, 013602	1.3	1
14	Statistical investigations of an ENIG Nickel film morphology by Atomic Force Microscopy. <i>E3S Web of Conferences</i> , 2016 , 12, 04003	0.5	1
13	From cylindrical to spherical nanosized micelles by self-assembly of poly(dimethylsiloxane)-b-poly(acrylic acid) diblock copolymers. <i>Polymer Bulletin</i> , 2016 , 73, 2129-2146	2.4	1
12	Dynamic Atomic Force Microscopy Analysis of Polymer Materials: Beyond Imaging Their Surface Morphology. <i>ACS Symposium Series</i> , 2005 , 86-97	0.4	1

11	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	3.6	1
10	Solvent-Free Design of Biobased Non-isocyanate Polyurethanes with Ferroelectric Properties. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 14946-14958	8.3	1
9	Nano-mechanical properties of interphases in dynamically vulcanized thermoplastic alloy. <i>Polymer</i> , 2018 , 135, 348-354	3.9	1
8	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	3.4	1
7	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	4.1	1
6	Scanning Probe Microscopy Insights into Supramolecular EConjugated Nanostructures for Optoelectronic Devices 2014 , 491-526		
5	On the Bioadhesive Properties of Silicone-Based Coatings by Incorporation of Block Copolymers. <i>Biologically-inspired Systems</i> , 2017 , 303-343	0.7	
4	Photopatterning: On-Demand Wrinkling Patterns in Thin Metal Films Generated from Self-Assembling Liquid Crystals (Adv. Funct. Mater. 9/2015). <i>Advanced Functional Materials</i> , 2015 , 25, 1472-1472	15.6	
3	Nanostructured Polymer Blends: From Core/Shell Nanoobjects to Continuous Three-Phase Morphologies. <i>Macromolecular Materials and Engineering</i> , 2011 , 296, 122-130	3.9	
2	New technique for characterizing holographic recording materials 1991 , 1559, 298		
1	TCO-free perovskite solar cells in taking advantage of SWCNT/TiO2 core/shell sponge. <i>Journal of Science: Advanced Materials and Devices</i> , 2022 , 7, 100440	4.2	