

Philippe Leclere

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/5024165/philippe-leclere-publications-by-year.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

154
papers

5,805
citations

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 | TCO-free perovskite solar cells in taking advantage of SWCNT/TiO ₂ core/shell sponge. <i>Journal of Science: Advanced Materials and Devices</i> , 2022 , 7, 100440 | 4.2 | |
| 153 | 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 |
| 152 | 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 |
| 151 | A simple method for enhancing the electrical properties of silver nanowire transparent conductive electrodes. <i>Materials Letters</i> , 2021 , 287, 129243 | 3.3 | 4 |
| 150 | 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 |
| 149 | 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 |
| 148 | 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 |
| 147 | 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 |
| 146 | Elastic conducting polymer composites in thermoelectric modules. <i>Nature Communications</i> , 2020 , 11, 1424 | 17.4 | 68 |
| 145 | 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 |
| 144 | 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 |
| 143 | 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 |
| 142 | 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 |
| 141 | Hybrid Interface in Sepiolite Rubber Nanocomposites: Role of Self-Assembled Nanostructure in Controlling Dissipative Phenomena. <i>Nanomaterials</i> , 2019 , 9, | 5.4 | 12 |
| 140 | Kinked Silicon Nanowires: Superstructures by Metal-Assisted Chemical Etching. <i>Nano Letters</i> , 2019 , 19, 7681-7690 | 11.5 | 14 |
| 139 | Mechanistic Insights on Spontaneous Moisture-Driven Healing of Urea-Based Polyurethanes. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 46176-46182 | 9.5 | 8 |
| 138 | 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 | 3.7 | 21 |

| | | | |
|-----|--|------|----|
| 137 | Modeling and Measuring Viscoelasticity with Dynamic Atomic Force Microscopy. <i>Physical Review Applied</i> , 2018 , 10, | 4.3 | 9 |
| 136 | Contactless Control of Local Surface Buckling in Photoaligned Gold/Liquid Crystal Polymer Bilayers. <i>Langmuir</i> , 2018 , 34, 10543-10549 | 4 | 2 |
| 135 | The structural and chemical basis of temporary adhesion in the sea star. <i>Beilstein Journal of Nanotechnology</i> , 2018 , 9, 2071-2086 | 3 | 14 |
| 134 | Nano-mechanical properties of interphases in dynamically vulcanized thermoplastic alloy. <i>Polymer</i> , 2018 , 135, 348-354 | 3.9 | 1 |
| 133 | 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 |
| 132 | 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 |
| 131 | Kinked silicon nanowires-enabled interweaving electrode configuration for lithium-ion batteries. <i>Scientific Reports</i> , 2018 , 8, 9794 | 4.9 | 12 |
| 130 | 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 |
| 129 | Reactive oligo(dimethylsiloxane) mesogens and their nanostructured thin films. <i>Soft Matter</i> , 2017 , 13, 4357-4362 | 3.6 | 4 |
| 128 | Light-Responsive Hierarchically Structured Liquid Crystal Polymer Networks for Harnessing Cell Adhesion and Migration. <i>Advanced Materials</i> , 2017 , 29, 1606407 | 24 | 72 |
| 127 | Estimation of Electronic Couplings from Current Measurements. <i>Nano Letters</i> , 2017 , 17, 3215-3224 | 11.5 | 23 |
| 126 | 3D Orientational Control in Self-Assembled Thin Films with Sub-5 nm Features by Light. <i>Small</i> , 2017 , 13, 1701043 | 11 | 22 |
| 125 | On the Bioadhesive Properties of Silicone-Based Coatings by Incorporation of Block Copolymers. <i>Biologically-inspired Systems</i> , 2017 , 303-343 | 0.7 | |
| 124 | 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 |
| 123 | Strategies toward Controlling the Topology of Nonlinear Poly(thiophenes). <i>Macromolecules</i> , 2016 , 49, 8951-8959 | 5.5 | 7 |
| 122 | Statistical investigations of an ENIG Nickel film morphology by Atomic Force Microscopy. <i>E3S Web of Conferences</i> , 2016 , 12, 04003 | 0.5 | 1 |
| 121 | The cellular basis of bioadhesion of the freshwater polyp Hydra. <i>BMC Zoology</i> , 2016 , 1, | 1.8 | 13 |
| 120 | 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 |

| | | | |
|-----|---|------|-----|
| 119 | Probing viscoelastic response of soft material surfaces at the nanoscale. <i>Soft Matter</i> , 2016 , 12, 619-24 | 3.6 | 25 |
| 118 | Dispersion Photopolymerization of Acrylated Oligomers Using a Flexible Continuous Reactor. <i>Macromolecular Reaction Engineering</i> , 2016 , 10, 502-509 | 1.5 | 2 |
| 117 | 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 |
| 116 | Direct visualization of microphase separation in block copoly(3-alkylthiophene)s. <i>RSC Advances</i> , 2015 , 5, 8721-8726 | 3.7 | 18 |
| 115 | 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 | 3.9 | 136 |
| 114 | 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 |
| 113 | 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 |
| 112 | On the mechanical and electronic properties of thiolated gold nanocrystals. <i>Nanoscale</i> , 2015 , 7, 1809-1977 | 7.7 | 20 |
| 111 | Crystallization-induced toughness of rubber-modified poly(lactide): combined effects of biodegradable impact modifier and effective nucleating agent. <i>Polymers for Advanced Technologies</i> , 2015 , 26, 814-822 | 3.2 | 21 |
| 110 | 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 |
| 109 | Fiber-Optic SPR Immunosensors Tailored To Target Epithelial Cells through Membrane Receptors. <i>Analytical Chemistry</i> , 2015 , 87, 5957-65 | 7.8 | 47 |
| 108 | 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 |
| 107 | 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 | |
| 106 | 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 |
| 105 | Chemical force microscopy of stimuli-responsive adhesive copolymers. <i>Nanoscale</i> , 2014 , 6, 565-71 | 7.7 | 12 |
| 104 | Modification of the adhesive properties of silicone-based coatings by block copolymers. <i>Langmuir</i> , 2014 , 30, 358-68 | 4 | 16 |
| 103 | Instantaneous adhesion of Cuvierian tubules in the sea cucumber <i>Holothuria forskali</i> . <i>Biointerphases</i> , 2014 , 9, 029016 | 1.8 | 8 |
| 102 | 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 |

| | | | |
|-----|---|------|----|
| 101 | 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 |
| 100 | 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 |
| 99 | Scanning Probe Microscopy Insights into Supramolecular π -Conjugated Nanostructures for Optoelectronic Devices 2014 , 491-526 | | |
| 98 | 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 |
| 97 | 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 |
| 96 | Influence of the regioregularity on the chiral supramolecular organization of poly(3-alkylsulfanylthiophene)s. <i>RSC Advances</i> , 2013 , 3, 3342 | 3.7 | 17 |
| 95 | Convection-assisted assembly of cellulose nanowhiskers embedded in an acrylic copolymer. <i>Nanoscale</i> , 2013 , 5, 1082-90 | 7.7 | 17 |
| 94 | 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 | 4.8 | 51 |
| 93 | New carboxysilane-coated iron oxide nanoparticles for nonspecific cell labelling. <i>Contrast Media and Molecular Imaging</i> , 2013 , 8, 466-74 | 3.2 | 20 |
| 92 | 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 |
| 91 | Poly(3-alkylthiophene) with tuneable regioregularity: synthesis and self-assembling properties. <i>Polymer Chemistry</i> , 2013 , 4, 2662 | 4.9 | 44 |
| 90 | Macrocyclic regioregular poly(3-hexylthiophene): from controlled synthesis to nanotubular assemblies. <i>Polymer Chemistry</i> , 2013 , 4, 237-241 | 4.9 | 15 |
| 89 | High-relaxivity and luminescent silica nanoparticles as multimodal agents for molecular imaging. <i>Langmuir</i> , 2013 , 29, 3419-27 | 4 | 18 |
| 88 | Multiphase coatings from complex radiation curable polyurethane dispersions. <i>Progress in Organic Coatings</i> , 2012 , 75, 560-568 | 4.8 | 24 |
| 87 | Nanoscale investigation of the electrical properties in semiconductor polymer-carbon nanotube hybrid materials. <i>Nanoscale</i> , 2012 , 4, 2705-12 | 7.7 | 43 |
| 86 | 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 |
| 85 | Nanostructured Polymer Blends: From Core/Shell Nanoobjects to Continuous Three-Phase Morphologies. <i>Macromolecular Materials and Engineering</i> , 2011 , 296, 122-130 | 3.9 | |
| 84 | On the transfer of cooperative self-assembled π -conjugated fibrils to a gold substrate. <i>Chemical Communications</i> , 2011 , 47, 9333-5 | 5.8 | 3 |

| | | | |
|----|---|------|-----|
| 83 | Synthesis, characterization and comparative OFET behaviour of indenofluoreneBithiophene and terthiophene alternating copolymers. <i>Synthetic Metals</i> , 2010 , 160, 468-474 | 3.6 | 9 |
| 82 | Thermoelectric properties of conducting polymers: The case of poly(3-hexylthiophene). <i>Physical Review B</i> , 2010 , 82, | 3.3 | 173 |
| 81 | From Jellyfish Macromolecular Architectures to Nanodoughnut Self-Assembly. <i>Macromolecules</i> , 2010 , 43, 575-579 | 5.5 | 21 |
| 80 | Kinetic switching between two modes of bisurea surfactant self-assembly. <i>Chemical Communications</i> , 2010 , 46, 6063-5 | 5.8 | 15 |
| 79 | 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 |
| 78 | 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 | 3.5 | 36 |
| 77 | Supramolecular Organization of ssDNA-Templated π -Conjugated Oligomers via Hydrogen Bonding. <i>Advanced Materials</i> , 2009 , 21, 1126-1130 | 24 | 69 |
| 76 | Probing the Local Conformation within π -Conjugated One-dimensional Supramolecular Stacks using Frequency Modulation Atomic Force Microscopy. <i>Advanced Materials</i> , 2009 , 21, 4124-4129 | 24 | 14 |
| 75 | 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 |
| 74 | White-light emitting hydrogen-bonded supramolecular copolymers based on π -conjugated oligomers. <i>Journal of the American Chemical Society</i> , 2009 , 131, 833-43 | 16.4 | 318 |
| 73 | Synthesis, characterization and comparative study of thiopheneBenzothiadiazole based donorAcceptorDonor (DAD) materials. <i>Journal of Materials Chemistry</i> , 2009 , 19, 3228 | | 88 |
| 72 | 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 |
| 71 | Doping of poly(3-hexylthiophene) nanofibers: microscopic morphology and electrical properties. <i>EPJ Applied Physics</i> , 2009 , 46, 12504 | 1.1 | 2 |
| 70 | 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 |
| 69 | 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 |
| 68 | 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 |
| 67 | 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 |
| 66 | Controlled nanorubbing of polythiophene thin films for field-effect transistors. <i>Organic Electronics</i> , 2008 , 9, 821-828 | 3.5 | 25 |

| | | | |
|----|--|------|-----|
| 65 | Microscopic morphology of blends between a new β -all-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 | 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 |
| 63 | Fractal dimension, growth mode and residual stress of metal thin films. <i>Journal Physics D: Applied Physics</i> , 2007 , 40, 1077-1079 | 3 | 22 |
| 62 | 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 |
| 61 | New β -All-Acrylate β -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 |
| 60 | 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 |
| 59 | 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 |
| 58 | 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 |
| 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 | Scanning Probe Microscopy of Complex Polymer Systems: Beyond Imaging their Morphology 2006 , 175-207 | | 3 |
| 55 | 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 |
| 54 | 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 |
| 53 | Functional polymers: scanning force microscopy insights. <i>Physical Chemistry Chemical Physics</i> , 2006 , 8, 3927-38 | 3.6 | 37 |
| 52 | Molecule-molecule versus molecule-substrate interactions in the assembly of oligothiophenes at surfaces. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 7898-908 | 3.4 | 43 |
| 51 | 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 |
| 50 | Nanorubbing of polythiophene surfaces. <i>Journal of the American Chemical Society</i> , 2005 , 127, 8018-9 | 16.4 | 48 |
| 49 | Field-effect transistors based on self-organized molecular nanostripes. <i>Nano Letters</i> , 2005 , 5, 2422-5 | 11.5 | 113 |
| 48 | 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 |

| | | | |
|----|---|------|-----|
| 47 | Dynamic Atomic Force Microscopy Analysis of Polymer Materials: Beyond Imaging Their Surface Morphology. <i>ACS Symposium Series</i> , 2005 , 86-97 | 0.4 | 1 |
| 46 | Supramolecular Organization in Fluorene/Indenofluorene/Oligothiophene Alternating Conjugated Copolymers. <i>Advanced Functional Materials</i> , 2005 , 15, 1426-1434 | 15.6 | 39 |
| 45 | About Oligothiophene Self-Assembly: From Aggregation in Solution to Solid-State Nanostructures. <i>Chemistry of Materials</i> , 2004 , 16, 4452-4466 | 9.6 | 175 |
| 44 | 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 |
| 43 | Organic semi-conducting architectures for supramolecular electronics. <i>European Polymer Journal</i> , 2004 , 40, 885-892 | 5.2 | 54 |
| 42 | Atomic force microscopy study of comb-like vs. arborescent graft copolymers in thin films. <i>Polymer</i> , 2004 , 45, 1833-1843 | 3.9 | 43 |
| 41 | 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 |
| 40 | Surface-controlled self-assembly of chiral sexithiophenes. <i>Journal of Materials Chemistry</i> , 2004 , 14, 1959-1963 | | 54 |
| 39 | Surface-Induced Selective Delamination of Amphiphilic ABA Block Copolymer Thin Films. <i>Macromolecules</i> , 2004 , 37, 3431-3437 | 5.5 | 17 |
| 38 | 4-Hexylbithieno[3,2-b:2'3']pyridine: An Efficient Electron-Accepting Unit in Fluorene and Indenofluorene Copolymers for Light-Emitting Devices. <i>Macromolecules</i> , 2004 , 37, 709-715 | 5.5 | 53 |
| 37 | Oligothiophene-based nanostructures: from solution to solid-state aggregates. <i>Synthetic Metals</i> , 2004 , 147, 67-72 | 3.6 | 15 |
| 36 | Growth of ultrathin Ti films deposited on SnO ₂ by magnetron sputtering. <i>Thin Solid Films</i> , 2003 , 437, 57-62 | 2.2 | 45 |
| 35 | 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 |
| 34 | Study of ZrN layers deposited by reactive magnetron sputtering. <i>Surface and Coatings Technology</i> , 2003 , 174-175, 240-245 | 4.4 | 52 |
| 33 | Polymer Coating of Steel by a Combination of Electrografting and Atom-Transfer Radical Polymerization. <i>Macromolecules</i> , 2003 , 36, 5926-5933 | 5.5 | 35 |
| 32 | 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 |
| 31 | 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 |
| 30 | Dynamic force microscopy analysis of block copolymers: beyond imaging the morphology. <i>Applied Surface Science</i> , 2002 , 188, 524-533 | 6.7 | 11 |

| | | | |
|----|---|------|-----|
| 29 | Growth and morphology of magnetron sputter deposited silver films. <i>Surface and Coatings Technology</i> , 2002 , 151-152, 86-90 | 4.4 | 23 |
| 28 | 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 |
| 27 | Supramolecular organization of alpha,alpha'-disubstituted sexithiophenes. <i>Journal of the American Chemical Society</i> , 2002 , 124, 1269-75 | 16.4 | 201 |
| 26 | 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 |
| 25 | 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 |
| 24 | Morphology and mechanical properties of poly(methylmethacrylate)-b-poly(alkylacrylate)-b-poly(methylmethacrylate). <i>Polymer</i> , 2001 , 42, 3503-3514 | 3.9 | 41 |
| 23 | Organization of conjugated polymer materials via block copolymer self-assembly. <i>Synthetic Metals</i> , 2001 , 121, 1295-1296 | 3.6 | 4 |
| 22 | 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 |
| 21 | Surface organization of hyperbranched polymer molecules, as studied by atomic force microscopy. <i>Macromolecular Symposia</i> , 2001 , 167, 243-256 | 0.8 | 3 |
| 20 | Phase-separated microstructures in β -acrylic thermoplastic elastomers. <i>Macromolecular Symposia</i> , 2001 , 167, 117-137 | 0.8 | 9 |
| 19 | 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 |
| 18 | Highly Regular Organization of Conjugated Polymer Chains via Block Copolymer Self-Assembly. <i>Advanced Materials</i> , 2000 , 12, 1042-1046 | 24 | 120 |
| 17 | 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 |
| 16 | Crystal network formation in organic solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2000 , 61, 53-61 | 6.4 | 129 |
| 15 | 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 |
| 14 | 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 |
| 13 | 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 |
| 12 | 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 |

| | | | |
|----|---|-----|-----|
| 11 | Direct Observation of Microdomain Morphology in All-Acrylic Thermoplastic Elastomers Synthesized via Living Radical Polymerization. <i>Langmuir</i> , 1999 , 15, 3915-3919 | 4 | 40 |
| 10 | Organized Semiconducting Nanostructures from Conjugated Block Copolymer Self-Assembly. <i>Chemistry of Materials</i> , 1998 , 10, 4010-4014 | 9.6 | 49 |
| 9 | 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 | 2 | 44 |
| 8 | Microdomain Morphology Analysis of Block Copolymers by Atomic Force Microscopy with Phase Detection Imaging. <i>Langmuir</i> , 1996 , 12, 4317-4320 | 4 | 111 |
| 7 | 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 |
| 6 | Characterization of an acrylamide-based dry photopolymer holographic recording material. <i>Optical Engineering</i> , 1994 , 33, 3942 | 1.1 | 71 |
| 5 | 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 |
| 4 | 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 |
| 3 | New technique for characterizing holographic recording materials 1991 , 1559, 298 | | |
| 2 | On the Nanomechanical and Viscoelastic Properties of Coatings Made of Recombinant Sea Star Adhesive Proteins. <i>Frontiers in Mechanical Engineering</i> , 7, | 2.6 | 2 |
| 1 | Nanoscale Electrical Investigation of Transparent Conductive Electrodes Based on Silver Nanowire Network. <i>Advanced Materials Interfaces</i> , 2200019 | 4.6 | 3 |