Michele Laus

List of Publications by Year
in descending order

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161	3,031	159585	265206
papers	citations	30 h-index	42 g-index

161	161	161	3214
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Polymer Distributed Bragg Reflectors for Vapor Sensing. ACS Photonics, 2015, 2, 537-543.	6.6	100
2	Biodegradable Polymers from Renewable Sources:Â Rheological Characterization of Hemicellulose-Based Hydrogels. Biomacromolecules, 2005, 6, 684-690.	5.4	93
3	Rapid thermal processing of self-assembling block copolymer thin films. Nanotechnology, 2013, 24, 315601.	2.6	72
4	Ultrathin Random Copolymer-Grafted Layers for Block Copolymer Self-Assembly. ACS Applied Materials & Interfaces, 2015, 7, 10944-10951.	8.0	71
5	Cationic PMMA Nanoparticles Bind and Deliver Antisense Oligoribonucleotides Allowing Restoration of Dystrophin Expression in the mdx Mouse. Molecular Therapy, 2009, 17, 820-827.	8.2	70
6	Fine Tuning of Lithographic Masks through Thin Films of PS-b-PMMA with Different Molar Mass by Rapid Thermal Processing. ACS Applied Materials & Interfaces, 2014, 6, 7180-7188.	8.0	64
7	Polycaprolactoneâ^'Poly(ethylene glycol) Multiblock Copolymers as Potential Substitutes for Di(ethylhexyl) Phthalate in Flexible Poly(vinyl chloride) Formulations. Biomacromolecules, 2003, 4, 181-188.	5.4	58
8	Ordering dynamics in symmetric PS-b-PMMA diblock copolymer thin films during rapid thermal processing. Journal of Materials Chemistry C, 2014, 2, 6655-6664.	5.5	54
9	Temperature dependence of the rigid amorphous fraction in poly(ethylene terephthalate). European Polymer Journal, 2014, 58, 60-68.	5.4	54
10	PTFEâ^'Polystyrene Coreâ^'Shell Nanospheres and Nanocomposites. Macromolecules, 2003, 36, 4360-4367.	4.8	50
11	Microplastic Contamination in Snow from Western Italian Alps. International Journal of Environmental Research and Public Health, 2021, 18, 768.	2.6	49
12	DNA prime and protein boost immunization with innovative polymeric cationic core-shell nanoparticles elicits broad immune responses and strongly enhance cellular responses of HIV-1 tat DNA vaccination. Vaccine, 2006, 24, 5655-5669.	3.8	46
13	On the Thermal Stability of PS-b-PMMA Block and P(S-r-MMA) Random Copolymers for Nanopatterning Applications. Macromolecules, 2013, 46, 8224-8234.	4.8	43
14	Flash grafting of functional random copolymers for surface neutralization. Journal of Materials Chemistry C, 2014, 2, 4909-4917.	5.5	43
15	New Ti-IMAC magnetic polymeric nanoparticles for phosphopeptide enrichment from complex real samples. Talanta, 2018, 178, 274-281.	5.5	42
16	Photopolymerized Network Polysiloxane Films with Dangling Hydrophilic/Hydrophobic Chains for the Biofouling Release of Invasive Marine Serpulid Ficopomatus enigmaticus. ACS Applied Materials & Interfaces, 2015, 7, 8293-8301.	8.0	40
17	Direct ESR Detection of Free Radicals in the RAFT Polymerization of Styrene. Macromolecules, 2003, 36, 736-740.	4.8	39
18	Novel biocompatible anionic polymeric microspheres for the delivery of the HIV-1 Tat protein for vaccine application. Vaccine, 2004, 22, 2910-2924.	3.8	39

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19	Induction of humoral and enhanced cellular immune responses by novel coreâ€“shell nanosphere- and microsphere-based vaccine formulations following systemic and mucosal administration. Vaccine, 2009, 27, 3605-3615.	3.8	39
20	Bessel-like photonic nanojets from core-shell sub-wavelength spheres. Optics Letters, 2014, 39, 3989.	3.3	39
21	PTFE-Based Coreâ^'Soft Shell Nanospheres and Soft Matrix Nanocomposites. Macromolecules, 2009, 42, 3518-3524.	4.8	37
22	High Aspect Ratio PS-b-PMMA Block Copolymer Masks for Lithographic Applications. ACS Applied Materials & Interfaces, 2014, 6, 21389-21396.	8.0	35
23	Control of Doping Level in Semiconductors via Self-Limited Grafting of Phosphorus End-Terminated Polymers. ACS Nano, 2018, 12, 178-186.	14.6	35
24	A New Facile Synthesis of Tertiary Dithioesters. Journal of Organic Chemistry, 2002, 67, 7911-7914.	3.2	34
25	Preparation and Characterization of Innovative Protein-coated Poly(Methylmethacrylate) Core-shell Nanoparticles for Vaccine Purposes. Pharmaceutical Research, 2007, 24, 1870-1882.	3.5	34
26	Coreâ€“shell microspheres by dispersion polymerization as drug delivery systems. Macromolecular Chemistry and Physics, 2002, 203, 1364-1369.	2.2	33
27	Comparison of novel delivery systems for antisense peptide nucleic acids. Journal of Controlled Release, 2005, 109, 24-36.	9.9	33
28	Size scaling of mesoporous silica membranes produced by nanosphere mediated laser ablation. Nanotechnology, 2012, 23, 485305.	2.6	33
29	PTFEâ€“PMMA coreâ€“shell colloidal particles as building blocks for selfâ€assembled opals: synthesis, properties and optical response. Polymer International, 2012, 61, 1294-1301.	3.1	32
30	Occurrence of microplastics in pellets from the common kingfisher (Alcedo atthis) along the Ticino River, North Italy. Environmental Science and Pollution Research, 2020, 27, 41731-41739.	5.3	32
31	Thermal and mechanical properties of PES/PTFE composites and nanocomposites. Journal of Applied Polymer Science, 2013, 130, 3624-3633.	2.6	31
32	Thermally induced self-assembly of cylindrical nanodomains in low molecular weight PS-b-PMMA thin films. Nanotechnology, 2014, 25, 045301.	2.6	31
33	Characterization of ultra-thin polymeric films by Gas chromatography-Mass spectrometry hyphenated to thermogravimetry. Journal of Chromatography A, 2014, 1368, 204-210.	3.7	31
34	Hybrid ZnO:polystyrene nanocomposite for allâ€polymer photonic crystals. Physica Status Solidi C: Current Topics in Solid State Physics, 2015, 12, 158-162.	0.8	30
35	Synthesis and thermotropic properties of new mesogenic diacrylate monomers. Die Makromolekulare Chemie, 1986, 187, 289-296.	1.1	29
36	Molecular weight and molecular weight distribution effects on the liquid-crystalline and biphasic behavior of a thermotropic polyester. Macromolecules, 1992, 25, 5901-5906.	4.8	29

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37	Uniformly sized molecularly imprinted polymers (MIPs) for 17Î²-estradiol. Macromolecular Chemistry and Physics, 2002, 203, 1532-1538.	2.2	29
38	Evidence of Cybotactic Order in the Nematic Phase of a Main-Chain Liquid Crystal Polymer with Bent-Core Repeat Unit. ACS Macro Letters, 2014, 3, 91-95.	4.8	29
39	Scaling of correlation length in lamellae forming PS-b-PMMA thin films upon high temperature rapid thermal treatments. Journal of Materials Chemistry C, 2015, 3, 8618-8624.	5.5	29
40	Micellar-type complexes of tailor-made synthetic block copolymers containing the HIV-1 tat DNA for vaccine application. Vaccine, 2002, 20, 2303-2317.	3.8	28
41	Thermomechanical behavior of poly(vinyl alcohol) and sugar cane bagasse composites. Journal of Applied Polymer Science, 2004, 92, 426-432.	2.6	28
42	Thermal Stability of Functional P(S-r-MMA) Random Copolymers for Nanolithographic Applications. ACS Applied Materials & Interfaces, 2015, 7, 3920-3930.	8.0	28
43	Immunization with low doses of HIV-1 tat DNA delivered by novel cationic block copolymers induces CTL responses against Tat. Vaccine, 2003, 21, 1103-1111.	3.8	27
44	POSS/gelatinâ€polyglutamic acid hydrogel composites: Preparation, biological and mechanical characterization. Journal of Applied Polymer Science, 2013, 129, 699-706.	2.6	27
45	Rigid amorphous fraction and melting behavior of poly(ethylene terephthalate). Colloid and Polymer Science, 2014, 292, 1365-1374.	2.1	27
46	RGD-mimic polyamidoamine-montmorillonite composites with tunable stiffness as scaffolds for bone tissue-engineering applications. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 2164-2175.	2.7	27
47	A Multidisciplinary Approach to the Use of Pyridinyl Dithioesters and Their N-Oxides as CTAs in the RAFT Polymerization of Styrene. Not the Chronicle of a Failure Foretold. Macromolecules, 2005, 38, 7610-7618.	4.8	26
48	Depth Profiling and Melting of Nanoparticles in Secondary Ion Mass Spectrometry (SIMS). Journal of Physical Chemistry C, 2013, 117, 16042-16052.	3.1	26
49	Evolution of lateral ordering in symmetric block copolymer thin films upon rapid thermal processing. Nanotechnology, 2014, 25, 275601.	2.6	26
50	Title is missing!. Die Makromolekulare Chemie, 1990, 191, 2787-2793.	1.1	25
51	Degradable Poly(amidoamine) Hydrogels as Scaffolds for In Vitro Culturing of Peripheral Nervous System Cells. Macromolecular Bioscience, 2013, 13, 332-347.	4.1	25
52	PMMAâ€based coreâ€shell nanoparticles with various PTFE cores. Journal of Polymer Science Part A, 2009, 47, 2928-2937.	2.3	24
53	GISAXS Analysis of the In-Depth Morphology of Thick PS-b-PMMA Films. ACS Applied Materials & Interfaces, 2017, 9, 11054-11063.	8.0	24
54	Thermotropic liquid crystalline poly(Î²-thioester)s. Journal of Polymer Science, Polymer Letters Edition, 1984, 22, 587-593.	0.4	23

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55	Thermotropic liquid crystalline poly(ester Î²-sulfide)s based on twin hexamethylene-spaced (p-oxybenzoyl) diads. Macromolecules, 1989, 22, 1120-1124.	4.8	23
56	Core-shell functional microspheres by dispersion polymerization: 2. Synthesis and characterization. Polymer, 1996, 37, 343-347.	3.8	23
57	Coreâ€“shell microspheres by dispersion polymerization as promising delivery systems for proteins. Journal of Biomaterials Science, Polymer Edition, 2005, 16, 1557-1574.	3.5	23
58	Functional fluorescent nonporous silica nanoparticles as carriers for Pt(IV) anticancer prodrugs. Journal of Inorganic Biochemistry, 2015, 151, 132-142.	3.5	22
59	Enhanced Lateral Ordering in Cylinder Forming PS-b-PMMA Block Copolymers Exploiting the Entrapped Solvent. ACS Applied Materials & Interfaces, 2016, 8, 8280-8288.	8.0	22
60	Development of an enrichment method for endogenous phosphopeptide characterization in human serum. Analytical and Bioanalytical Chemistry, 2018, 410, 1177-1185.	3.7	22
61	Hierarchical Order in Dewetted Block Copolymer Thin Films on Chemically Patterned Surfaces. ACS Nano, 2018, 12, 7076-7085.	14.6	22
62	Biodistribution and Molecular Studies on Orally Administered Nanoparticle-AON Complexes Encapsulated with Alginate Aiming at Inducing Dystrophin Rescue inmdxMice. BioMed Research International, 2013, 2013, 1-13.	1.9	21
63	High temperature surface neutralization process with random copolymers for block copolymer selfâ€assembly. Polymer International, 2017, 66, 459-467.	3.1	21
64	Effect of Trapped Solvent on the Interface between PS-b-PMMA Thin Films and P(S-r-MMA) Brush Layers. ACS Applied Materials & Interfaces, 2020, 12, 7777-7787.	8.0	21
65	Thermally induced orientational flipping of cylindrical phase diblock copolymers. Journal of Materials Chemistry C, 2014, 2, 2175-2182.	5.5	20
66	The observation of a novel biphase behavior in thermotropic side chain polymers. Die Makromolekulare Chemie Rapid Communications, 1991, 12, 43-49.	1.1	19
67	Complex associates of plasmid DNA and a novel class of block copolymers with PEG and cationic segments as new vectors for gene delivery. Journal of Biomaterials Science, Polymer Edition, 2001, 12, 209-228.	3.5	19
68	Persistent Dystrophin Protein Restoration 90 Days after a Course of Intraperitoneally Administered Naked 2â€²OMePS AON and ZM2 NP-AON Complexes in mdx Mice. Journal of Biomedicine and Biotechnology, 2012, 2012, 1-8.	3.0	19
69	Micrometer-Scale Ordering of Silicon-Containing Block Copolymer Thin Films via High-Temperature Thermal Treatments. ACS Applied Materials & Interfaces, 2016, 8, 9897-9908.	8.0	19
70	Effect of the Density of Reactive Sites in P(Sâ€râ€MMA) Film during Al₂O₃ Growth by Sequential Infiltration Synthesis. Advanced Materials Interfaces, 2019, 6, 1900503.	3.7	19
71	Towards a traceable enhancement factor in surface-enhanced Raman spectroscopy. Journal of Materials Chemistry C, 2020, 8, 16513-16519.	5.5	19
72	Biodegradation of unvulcanized natural rubber by microorganisms isolated from soil and rubber surface: A preliminary study. Bioremediation Journal, 2018, 22, 43-52.	2.0	18

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73	Doping of silicon by phosphorus end-terminated polymers: drive-in and activation of dopants. Journal of Materials Chemistry C, 2020, 8, 10229-10237.	5.5	17
74	TGA-GCâ€“MS quantitative analysis of phosphorus-end capped functional polymers in bulk and ultrathin films. Journal of Analytical and Applied Pyrolysis, 2017, 128, 238-245.	5.5	16
75	On the multiple crystallization behavior of PTFE in PMMA/PTFE nanocomposites from coreâ€“shell nanoparticles. Journal of Polymer Science, Part B: Polymer Physics, 2010, 48, 548-554.	2.1	15
76	Effect of Entrapped Solvent on the Evolution of Lateral Order in Self-Assembled P(S-r-MMA)/PS-b-PMMA Systems with Different Thicknesses. ACS Applied Materials & Interfaces, 2017, 9, 31215-31223.	8.0	15
77	Thermal Degradation in Ultrathin Films Outperforms Dose Control of n-Type Polymeric Dopants for Silicon. ACS Applied Electronic Materials, 2019, 1, 1807-1816.	4.3	15
78	Poly(ethylene glycol) imidazolyl formates as oligomeric drug-binding matrices. Journal of Controlled Release, 1985, 1, 251-257.	9.9	14
79	Semi-flexible liquid crystalline polyesters based on twin di(p-oxybenzoyl) units X-ray study on smectic mesophase structures. Liquid Crystals, 1993, 13, 353-363.	2.2	14
80	Sulfonates-PMMA nanoparticles conjugates: A versatile system for multimodal application. Bioorganic and Medicinal Chemistry, 2012, 20, 6640-6647.	3.0	14
81	A Multiâ€optical Collector of Sunlight Employing Luminescent Materials and Photonic Nanostructures. Advanced Optical Materials, 2016, 4, 147-155.	7.3	14
82	Toward Lateral Length Standards at the Nanoscale Based on Diblock Copolymers. ACS Applied Materials & Interfaces, 2017, 9, 15685-15697.	8.0	14
83	A Novel Magnetic Molecular Imprinted Polymer for Selective Extraction of Zearalenone from Cereal Flours before Liquid Chromatography-Tandem Mass Spectrometry Determination. Toxins, 2019, 11, 493.	3.4	14
84	Semiflexible liquid-crystalline polyesters based on twin di(p-oxybenzoyl) units: synthesis and characterization. Journal of Materials Chemistry, 1992, 2, 449.	6.7	12
85	Preparation, Properties, and Self-Assembly Behavior of PTFE-Based Core-Shell Nanospheres. Journal of Nanomaterials, 2012, 2012, 1-15.	2.7	12
86	Mesomorphism â€” structure relationships in polyesters based on twin p-oxybenzoate mesogens. Die Makromolekulare Chemie, 1989, 190, 1655-1662.	1.1	11
87	An ESR Approach to the Estimation of the Rate Constants of the Addition and Fragmentation Processes Involved in the RAFT Polymerization of Styrene. Helvetica Chimica Acta, 2006, 89, 2103-2118.	1.6	11
88	Twoâ€dimensional nonâ€closeâ€packed arrays of nanoparticles via coreâ€shell nanospheres and reactive ion etching. Polymers for Advanced Technologies, 2012, 23, 558-564.	3.2	11
89	Thickness and Microdomain Orientation of Asymmetric PS-b-PMMA Block Copolymer Films Inside Periodic Gratings. ACS Applied Materials & Interfaces, 2015, 7, 23615-23622.	8.0	11
90	Evidence of Mechanochemical Control in â€œGrafting toâ€•Reactions of Hydroxy-Terminated Statistical Copolymers. Macromolecules, 2021, 54, 499-508.	4.8	11

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91	Poly(methylmetacrylate) (PMMA) coreâ€“shell nanospheres act as efficient pharmacophores for the antiproliferative [PtCl3(NH3)]â¯ complex by forming ionic couples. Inorganica Chimica Acta, 2009, 362, 4099-4109.	2.4	10
92	Priming with a very low dose of DNA complexed with cationic block copolymers followed by protein boost elicits broad and long-lasting antigen-specific humoral and cellular responses in mice. Vaccine, 2009, 27, 4498-4507.	3.8	10
93	Title is missing!. Die Makromolekulare Chemie, 1990, 191, 147-154.	1.1	9
94	Preparation and Thermal Characterization of PTFE/PES Nanocomposites. Macromolecular Symposia, 2012, 311, 70-76.	0.7	9
95	Preparation and properties of PTFE/PAI nanocomposites. Polymer Composites, 2013, 34, 1451-1459.	4.6	9
96	Films made from poly(vinyl alcoholâ€coâ€ethylene) and soluble biopolymers isolated from municipal biowaste. Journal of Applied Polymer Science, 2015, 132, .	2.6	9
97	Polycarbonateâ€based composites reinforced by in situ polytetrafluoroethylene fibrillation: Preparation, thermal and rheological behavior. Journal of Applied Polymer Science, 2015, 132, .	2.6	9
98	Films made from polyethyleneâ€coâ€acrylic acid and soluble biopolymers sourced from agricultural and municipal biowaste. Journal of Applied Polymer Science, 2015, 132, .	2.6	9
99	Opposite Self-Folding Behavior of Polymeric Photoresponsive Actuators Enabled by a Molecular Approach. Polymers, 2019, 11, 1644.	4.5	8
100	Doping of silicon with phosphorus end-terminated polymers: source characterization and dopant diffusion in SiO₂. Journal of Materials Chemistry C, 2021, 9, 4020-4028.	5.5	8
101	Cell instructive Liquid Crystalline Networks for myotube formation. IScience, 2021, 24, 103077.	4.1	8
102	Quantification of molecular weight discrimination in grafting to reactions from ultrathin polymer films by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. Analyst, The, 2021, 146, 6145-6155.	3.5	8
103	Ordering kinetics in two-dimensional hexagonal pattern of cylinder-forming PS- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>b</mml:mi></mml:math> -PMMA block copolymer thin films: Dependence on the segregation strength. Physical Review Materials, 2018, 2, .	2.4	8
104	Silicon Doping by Polymer Grafting: Size Distribution Matters. ACS Applied Polymer Materials, 2021, 3, 6383-6393.	4.4	8
105	Liquid-crystalline poly(Î²-aminoester)s. Thermotropic mesomorphism and degradability in solution. Die Makromolekulare Chemie, 1988, 189, 743-754.	1.1	7
106	Thermal and dynamic-mechanical properties of new chiral smectic networks. Polymer Bulletin, 1994, 32, 669-674.	3.3	7
107	Enhanced antisense effect of modified PNAs delivered through functional PMMA microspheres. International Journal of Pharmaceutics, 2006, 324, 83-91.	5.2	7
108	Thermal and DMA Characterization of PTFEâ€PMMA Nanocomposites from Coreâ€Shell Nanoparticles. Macromolecular Symposia, 2010, 296, 197-202.	0.7	7

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109	Photoactive spherical colloids for opal photonic crystals. Polymer Composites, 2013, 34, 1443-1450.	4.6	7
110	Effect of shell structure of Ti-immobilized metal ion affinity chromatography core-shell magnetic particles for phosphopeptide enrichment. Scientific Reports, 2019, 9, 15782.	3.3	7
111	Magnetic molecularly imprinted multishell particles for zearalenone recognition. Polymer, 2020, 188, 122102.	3.8	7
112	Dithiols as Liquid Crystalline Building Blocks for Smart Polymers via Thiolâ€“yne Click Chemistry. ACS Applied Polymer Materials, 2021, 3, 1602-1609.	4.4	7
113	Thermotropic poly(ester-?-sulfide)s. Polymer Bulletin, 1989, 21, 563.	3.3	6
114	X-ray diffraction study of the smectic mesophase of some azobenzene-containing polyacrylates. Liquid Crystals, 1993, 14, 981-990.	2.2	6
115	Semiflexible liquid-crystalline polyesters based on twin bis(p-oxybenzoyl) units. Part 2.â€"Effect of molar mass on mesomorphic behaviour. Journal of Materials Chemistry, 1994, 4, 437-443.	6.7	6
116	Composition of ultrathin binary polymer brushes by thermogravimetryâ€“gas chromatographyâ€“mass spectrometry. Analytical and Bioanalytical Chemistry, 2016, 408, 3155-3163.	3.7	6
117	Technological strategies for self-assembly of PS-b-PDMS in cylindrical sub-10 nm nanostructures for lithographic applications. Advances in Physics: X, 2018, 3, 1445558.	4.1	6
118	Elastomeric Electrospun Scaffolds of a Biodegradable Aliphatic Copolyester Containing PEG-Like Sequences for Dynamic Culture of Human Endothelial Cells. Biomolecules, 2020, 10, 1620.	4.0	6
119	Inside the brush: partition by molecular weight in grafting to reactions from melt. Polymer Chemistry, 2021, 12, 6538-6547.	3.9	6
120	Short vs. long chains competition during â€œgrafting toâ€•process from melt. Polymer Chemistry, 2022, 13, 3904-3914.	3.9	6
121	Thermal and X-Ray Investigation of a New Mesophasic Semiflexible Polyester. Molecular Crystals and Liquid Crystals, 1992, 215, 279-286.	0.3	5
122	Semiflexible liquid-crystalline polyesters based on twin bis(p-oxybenzoyl) units. Part 1.â€"Effect of spacer length on mesomorphic behaviour. Journal of Materials Chemistry, 1994, 4, 429-435.	6.7	5
123	Synthesis and liquid-crystalline properties of polyacrylates containing prochiral sulfide substituents. Polymer, 1995, 36, 1261-1268.	3.8	5
124	Fractionary couplings of spin probe to backbone and side group dynamics of a liquid crystal polymer. Macromolecular Chemistry and Physics, 2002, 203, 1636-1642.	2.2	5
125	Electrostatic Interaction of Negatively Charged Coreâ€“Shell Nanoparticles with Antitumoral Cationic Platinumâ€Based Complexes. European Journal of Inorganic Chemistry, 2011, 2011, 3289-3294.	2.0	5
126	Physical ageing reduction in PES through the incorporation of rigid non-interacting PTFE nanoparticles. Thermochimica Acta, 2013, 571, 53-59.	2.7	5

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127	Coreâ€“shell silicaâ€“rhodamine B nanosphere for synthetic opals: from fluorescence spectral redistribution to sensing. RSC Advances, 2020, 10, 14958-14964.	3.6	5
128	Tailor-made core-shell nanospheres for antisense oligonucleotide delivery: IV.Adsorption/release behaviour. Journal of Biomaterials Science, Polymer Edition, 2001, 12, 1339-1357.	3.5	4
129	Rheological Behavior of Azobenzene Nematic Homopolymer and Copolymer. Molecular Crystals and Liquid Crystals, 2005, 429, 301-312.	0.9	4
130	Preparation and Properties of PTFE-PMMA Core-Shell Nanoparticles and Nanocomposites. Journal of Nanotechnology, 2012, 2012, 1-10.	3.4	4
131	Molar mass and composition effects on the thermal stability of functional P(S-r-MMA) random copolymers for nanolithographic applications. Molecular Systems Design and Engineering, 2017, 2, 581-588.	3.4	4
132	Relaxation Dynamics in Polyethylene Glycol/Modified Hydrotalcite Nanocomposites. Polymers, 2018, 10, 1182.	4.5	4
133	Biocompatible Anionic Polymeric Microspheres as Priming Delivery System for Effetive HIV/AIDS Tat-Based Vaccines. PLoS ONE, 2014, 9, e111360.	2.5	4
134	Structural effects on the mesomorphic behaviour of thermotropic liquid crystal poly(ester) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td	5.4	3
135	Immobilization and reactivity of enzymes on functional particles prepared by dispersion polymerization. Macromolecular Rapid Communications, 1994, 15, 909-915.	3.9	3
136	The effects of hydrogen bonding on the liquid crystalline behavior of semiflexible poly(urethaneester)s. Macromolecular Symposia, 1997, 117, 275-280.	0.7	3
137	Preparation, properties and self-assembly behavior of PTFE based core-shell nanospheres. AIP Conference Proceedings, 2012, , .	0.4	3
138	Vitamin E acetate addition to poly(<scp>d,l</scp>)lactic acid modifies its mechanical behavior without affecting biocompatibility. Journal of Applied Polymer Science, 2014, 131, .	2.6	3
139	Influence of spin casting solvent on the selfâ€assembly of siliconâ€containing block copolymer thin films via high temperature thermal treatment. Polymer International, 2022, 71, 426-435.	3.1	3
140	Films made from poly(vinyl alcoholâ€coâ€ethylene) and soluble biopolymers isolated from postharvest tomato plant. Journal of Applied Polymer Science, 2015, 132, .	2.6	2
141	Mixed morphology in low molar mass fluorinated block copolymers. Polymer, 2019, 179, 121657.	3.8	2
142	Tailored inclusion of semiconductor nanoparticles in nanoporous polystyrene-block-polymethyl methacrylate thin films. Polymer, 2020, 210, 122983.	3.8	2
143	Biphasic Behavior of a Thermotropic Polymesomorphic Polyester. 2. Temperature Evolution of Phase Separation. Macromolecules, 2001, 34, 7190-7196.	4.8	1
144	Coreâ€“shell nanospheres for oligonucleotide delivery. V: Adsorption/release behavior of 'stealth' nanospheres. Journal of Biomaterials Science, Polymer Edition, 2003, 14, 1209-1227.	3.5	1

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145	The surface nanostructurations by means of near field enhancement with nanospheres. Proceedings of SPIE, 2013, , .	0.8	1
146	Colloidal Lithography. , 2014, , 541-550.		1
147	Surface engineering with functional random copolymers for nanolithographic applications. AIP Conference Proceedings, 2016, , .	0.4	1
148	Natural polymer blends: Thermal and mechanical behavior. AIP Conference Proceedings, 2018, , .	0.4	1
149	From grafting to to grafting from. AIP Conference Proceedings, 2018, , .	0.4	1
150	A New Facile Synthesis of Tertiary Dithioesters.. ChemInform, 2003, 34, no.	0.0	0
151	Mesoporous silica membranes by self-assembled nanospheres and mediated laser ablation. , 2012, , .		0
152	Colloidal Lithography. , 2014, , 1-9.		0
153	Neutral wetting brush layers for block copolymer thin films using homopolymer blends. AIP Conference Proceedings, 2016, , .	0.4	0
154	Cover Image, Volume 66, Issue 3. Polymer International, 2017, 66, i-i.	3.1	0
155	Multishell hybrid magnetic nanoparticles for phosphopeptide enrichment. AIP Conference Proceedings, 2018, , .	0.4	0
156	Analysis of phosphorus-end capped functionalpolymers, from bulk to ultrathin films. AIP Conference Proceedings, 2018, , .	0.4	0
157	Deterministic doping via self-limited grafting of phosphorus end-terminated polymers. AIP Conference Proceedings, 2018, , .	0.4	0
158	Boron-terminated polystyrene as potential spin-on dopant for microelectronic applications. AIP Conference Proceedings, 2018, , .	0.4	0
159	HPLC method for the determination of monomer conversion and composition during the poly(styrene-r-methylmethacrylate) polymerization. International Journal of Polymer Analysis and Characterization, 2020, 25, 188-197.	1.9	0
160	Spherical Colloid Engineering. , 2015, , 103-125.		0
161	Colloidal Lithography. , 2018, , 805-814.		0