Brigitte I Voit

List of Publications by Year
in descending order

584 papers	22,055 citations	14655 66 h-index	18130 120 g-index
611 all docs	611 docs citations	611 times ranked	18730 citing authors

#	Article	IF	Citations
1	Thermal stability and pyrolysis behavior of an efficient fire-retarded polypropylene containing allylamine polyphosphate and pentaerythritol. Thermochimica Acta, 2022, 708, 179083.	2.7	4
2	Redox-sensitive ferrocene functionalised double cross-linked supramolecular hydrogels. Polymer Chemistry, 2022, 13, 427-438.	3.9	7
3	Solutionâ€Processable Holeâ€Transporting Polymers: Synthesis, Doping Study and Crosslinking Induced by UVâ€Irradiation or Huisgenâ€Click Cycloaddition. Advanced Materials Interfaces, 2022, 9, .	3.7	5
4	Sulfur Containing High Refractive Index Poly(arylene Thioether)s and Poly(arylene Ether)s. Macromolecules, 2022, 55, 1015-1029.	4.8	14
5	Reversible Protein Capture and Release by Redox-Responsive Hydrogel in Microfluidics. Polymers, 2022, 14, 267.	4.5	5
6	Effect of high-energy electrons on the thermal, mechanical and fire safety properties of fire-retarded polypropylene nanocomposites. Radiation Physics and Chemistry, 2022, 194, 110016.	2.8	3
7	Highly efficient flame retardant and smoke suppression mechanism of polypropylene nanocomposites based on clay and allylamine polyphosphate. Journal of Applied Polymer Science, 2022, 139, .	2.6	6
8	Impact of the Network Density of Rough Poly(dimethylsiloxane)-Model Systems on the Hydrophobicity Assessment and Dynamic Wetting Behavior. ACS Applied Polymer Materials, 2022, 4, 4109-4118.	4.4	0
9	Impact of Electron Beam Irradiation on Thermoplastic Polyurethanes Unraveled by Thermal Field-Flow Fractionation. Polymer Degradation and Stability, 2021, 183, 109423.	5.8	5
10	The chemistry of cross-linked polymeric vesicles and their functionalization towards biocatalytic nanoreactors. Colloid and Polymer Science, 2021, 299, 309-324.	2.1	12
11	Improving glass transition temperature of unsaturated polyester thermosets: Conventional unsaturated polyester resins. Journal of Applied Polymer Science, 2021, 138, 49825.	2.6	10
12	Detection of subtle extracellular glucose changes by artificial organelles in protocells. Chemical Communications, 2021, 57, 8019-8022.	4.1	14
13	Conjugation-Induced Thermally Activated Delayed Fluorescence: Photophysics of a Carbazole-Benzophenone Monomer-to-Tetramer Molecular Series. Journal of Physical Chemistry A, 2021, 125, 1345-1354.	2.5	11
14	Eukaryotic Cell Biomimetics: Construction of Eukaryotic Cell Biomimetics: Hierarchical Polymersomesâ€inâ€Proteinosome Multicompartment with Enzymatic Reactions Modulated Protein Transportation (Small 7/2021). Small, 2021, 17, 2170026.	10.0	0
15	Enzymatic Synthesis of Poly(alkylene succinate)s: Influence of Reaction Conditions. Processes, 2021, 9, 411.	2.8	11
16	Matrix metalloproteinase-1 decorated polymersomes, a surface-active extracellular matrix therapeutic, potentiates collagen degradation and attenuates early liver fibrosis. Journal of Controlled Release, 2021, 332, 594-607.	9.9	34
17	Charge Carrier Mobility Improvement in Diketopyrrolopyrrole Block-Copolymers by Shear Coating. Polymers, 2021, 13, 1435.	4.5	6
18	Artificial Organelles with Orthogonalâ€Responsive Membranes for Protocell Systems: Probing the Intrinsic and Sequential Docking and Diffusion of Cargo into Two Coexisting Avidinâ€"Polymersomes. Advanced Science, 2021, 8, e2004263.	11.2	14

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19	Longâ€Term Retarded Release for the Proteasome Inhibitor Bortezomib through Temperatureâ€Sensitive Dendritic Glycopolymers as Drug Delivery System from Calcium Phosphate Bone Cement. Macromolecular Rapid Communications, 2021, 42, 2100083.	3.9	3
20	Selfâ€Replication of Deeply Buried Doped Silicon Structures, which Remotely Control the Etching Process: A New Method for Forming a Silicon Pattern from the Bottom Up. Advanced Functional Materials, 2021, 31, 2100105.	14.9	2
21	Preparation of Sulfonated Polytriazoles with a Phosphaphenanthrene Unit via Click Polymerization: Fabrication of Membranes and Properties Thereof. ACS Applied Polymer Materials, 2021, 3, 4127-4138.	4.4	14
22	Multivalent Proteinâ€Loaded pHâ€Stable Polymersomes: First Step toward Protein Targeted Therapeutics. Macromolecular Bioscience, 2021, 21, e2100102.	4.1	12
23	Highly Tunable Piezoresistive Behavior of Carbon Nanotube-Containing Conductive Polymer Blend Composites Prepared from Two Polymers Exhibiting Crystallization-Induced Phase Separation. ACS Applied Materials & Interfaces, 2021, 13, 43333-43347.	8.0	8
24	Feedback-Induced and Oscillating pH Regulation of a Binary Enzymeâ€"Polymersomes System. Chemistry of Materials, 2021, 33, 6692-6700.	6.7	18
25	Self-stratifying powder coatings based on eco-friendly, solvent-free epoxy/silicone technology for simultaneous corrosion and weather protection. Progress in Organic Coatings, 2021, 161, 106443.	3.9	7
26	Polyesters with bio-based ferulic acid units: crosslinking paves the way to property consolidation. Polymer Chemistry, 2021, 12, 5139-5148.	3.9	6
27	Construction of Eukaryotic Cell Biomimetics: Hierarchical Polymersomesâ€inâ€Proteinosome Multicompartment with Enzymatic Reactions Modulated Protein Transportation. Small, 2021, 17, e2005749.	10.0	26
28	Polymer Networks for Enrichment of Calcium Ions. Polymers, 2021, 13, 3506.	4.5	1
29	Enzymatic Synthesis of Sialic Acids in Microfluidics to Overcome Cross-Inhibitions and Substrate Supply Limitations. ACS Applied Materials & Interfaces, 2021, 13, 49433-49444.	8.0	10
30	Bivalent Peptide- and Chelator-Containing Bioconjugates as Toolbox Components for Personalized Nanomedicine. Biomacromolecules, 2020, 21, 199-213.	5.4	8
31	Rapid synthesis of PEGylated multiblock polymers by sequence-controlled polymerization in H₂O. Polymer Chemistry, 2020, 11, 417-424.	3.9	1
32	Influence of surface characteristics on the penetration rate of electrolytes into model cells for lithium ion batteries. Journal of Adhesion Science and Technology, 2020, 34, 849-866.	2.6	11
33	All methacrylate block copolymer/TiO2 nanocomposite via ATRP and in-situ sol-gel process. Materials Today Communications, 2020, 22, 100728.	1.9	6
34	MWCNT induced negative real permittivity in a copolyester of Bisphenol-A with terephthalic and isophthalic acids. Materials Research Express, 2020, 7, 015337.	1.6	7
35	Thermal annealing to influence the vapor sensing behavior of co-continuous poly(lactic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	7.0	24
36	Synthesis and characterization of star-shaped sulfonated new poly(ether triazole)s: Proton exchange membrane properties. European Polymer Journal, 2020, 123, 109443.	5.4	5

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37	Self-healing and reprocessable bromo butylrubber based on combined ionic cluster formation and hydrogen bonding. Polymer Chemistry, 2020, 11, 1188-1197.	3.9	23
38	ABâ€•Versus AA+BBâ€Suzuki Polycondensation: A Palladium/Tris(tertâ€butyl)phosphine Catalyst Can Outperform Conventional Catalysts. Macromolecular Rapid Communications, 2020, 41, e1900521.	3.9	7
39	Synthesis and characterization of pH- and thermo-responsive hydrogels based on poly(2-cyclopropyl-2-oxazoline) macromonomer, sodium acrylate, and acrylamide. Polymer Bulletin, 2020, 77, 5553-5565.	3.3	7
40	New insights into the structure of two-dimensional lead iodide-based perovskites. Organic Electronics, 2020, 87, 105935.	2.6	7
41	New trivalent phosphorus containing poly(arylene ether)s as alternative reactants for the Mitsunobu reaction. European Polymer Journal, 2020, 140, 110045.	5.4	1
42	Avidin Localizations in pH-Responsive Polymersomes for Probing the Docking of Biotinylated (Macro)molecules in the Membrane and Lumen. Biomacromolecules, 2020, 21, 5162-5172.	5.4	20
43	Lightâ€Driven Proton Transfer for Cyclic and Temporal Switching of Enzymatic Nanoreactors. Small, 2020, 16, e2002135.	10.0	34
44	The Next 100 Years of Polymer Science. Macromolecular Chemistry and Physics, 2020, 221, 2000216.	2.2	69
45	In Situ Preparation of Crosslinked Polymer Electrolytes for Lithium Ion Batteries: A Comparison of Monomer Systems. Polymers, 2020, 12, 1707.	4.5	9
46	Synthesis of 2,2â€²-hindered pyridine containing semifluorinated polytriazoles and investigation for low-temperature proton exchange membrane application with enhanced oxidative stability. European Polymer Journal, 2020, 136, 109898.	5.4	15
47	Aerogels Based on Reduced Graphene Oxide/Cellulose Composites: Preparation and Vapour Sensing Abilities. Nanomaterials, 2020, 10, 1729.	4.1	9
48	Enzymatic Nanoreactors: Lightâ€Driven Proton Transfer for Cyclic and Temporal Switching of Enzymatic Nanoreactors (Small 37/2020). Small, 2020, 16, 2070201.	10.0	1
49	Tuning the Piezoresistive Behavior of Poly(Vinylidene Fluoride)/Carbon Nanotube Composites Using Poly(Methyl Methacrylate). ACS Applied Materials & Interfaces, 2020, 12, 43125-43137.	8.0	23
50	Tailorâ€Made Functional Polymethacrylates with Dual Characteristics of Selfâ€Healing and Shapeâ€Memory Based on Dynamic Covalent Chemistry. Macromolecular Materials and Engineering, 2020, 305, 2000142.	3.6	17
51	Chemically Stable Sulfonated Polytriazoles Containing Trifluoromethyl and Phosphine Oxide Moieties for Proton Exchange Membranes. ACS Applied Polymer Materials, 2020, 2, 2967-2979.	4.4	27
52	Polystyrene/thermoplastic polyurethane interpenetrating network-based nanocomposite with high-speed, thermo-responsive shape memory behavior. Polymer, 2020, 200, 122575.	3.8	14
53	Synthesis and Characterization of Stiff, Self-Crosslinked Thermoresponsive DMAA Hydrogels. Polymers, 2020, 12, 1401.	4.5	3
54	Polymer Featuring Thermally Activated Delayed Fluorescence as Emitter in Light-Emitting Electrochemical Cells. Journal of Physical Chemistry Letters, 2020, 11, 6227-6234.	4.6	15

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55	Double cross-linked supramolecular hydrogels with tunable properties based on hostâ€"guest interactions. Soft Matter, 2020, 16, 6733-6742.	2.7	21
56	Hydrogel Microvalves as Control Elements for Parallelized Enzymatic Cascade Reactions in Microfluidics. Micromachines, 2020, 11, 167.	2.9	13
57	Influence of the catalyst concentration on the chemical structure, the physical properties and the fire behavior of rigid polyisocyanurate foams. Polymer Degradation and Stability, 2020, 177, 109168.	5.8	4
58	Multifunctional Cellulose/rGO/Fe₃O₄ Composite Aerogels for Electromagnetic Interference Shielding. ACS Applied Materials & Interfaces, 2020, 12, 22088-22098.	8.0	136
59	Tuning the Structure and Performance of Bulk and Porous Vapor Sensors Based on Co-continuous Carbon Nanotube-Filled Blends of Poly(vinylidene fluoride) and Polycarbonates by Varying Melt Viscosity. ACS Applied Materials & Interfaces, 2020, 12, 45404-45419.	8.0	17
60	Semi-Interpenetrating Polymer Networks Based on N-isopropylacrylamide and 2-acrylamido-2-methylpropane Sulfonic Acid for Intramolecular Force-Compensated Sensors. Journal of the Electrochemical Society, 2020, 167, 167521.	2.9	4
61	SÃ‹NTESIS DE NUEVOS COPOLÃ‹MEROS EN BLOQUE A PARTIR DE POLIETILENGLICOL Y 2-OXAZOLINAS. Revista De La Sociedad QuÃ‹mica Del PerÃ‹, 2020, 81, 299-310.	0.2	0
62	Complexation behavior of diazosulfonate polymers. , 2020, , 287-296.		0
63	Hydrogel Patterns in Microfluidic Devices by Do-It-Yourself UV-Photolithography Suitable for Very Large-Scale Integration. Micromachines, 2020, 11, 479.	2.9	16
64	Phase separation and surface properties of poly(propyl methacrylate-b-methyl methacrylate) diblock copolymers. Polymer Bulletin, 2019, 76, 271-289.	3.3	0
65	Mono- and Polyassociation Processes of Pentavalent Biotinylated PEI Glycopolymers for the Fabrication of Biohybrid Structures with Targeting Properties. Biomacromolecules, 2019, 20, 3408-3424.	5.4	7
66	Quantitative Synthesis of Temperatureâ€responsive Polymersomes by Multiblock Polymerization. Angewandte Chemie - International Edition, 2019, 60, 15682.	13.8	4
67	Combination of nuclear magnetic resonance spectroscopy and nonlinear methods to analyze the copolymerization of phosphonic acid derivatives. Journal of Applied Polymer Science, 2019, 136, 48256.	2.6	3
68	Fiber formation and properties of polyester/lignin blends. Journal of Applied Polymer Science, 2019, 136, 48257.	2.6	7
69	Improving the Flame Retardance of Polyisocyanurate Foams by Dibenzo[d,f][1,3,2]dioxaphosphepine 6-Oxide-Containing Additives. Polymers, 2019, 11, 1242.	4.5	8
70	Organic Light-Emitting Diodes Based on Conjugation-Induced Thermally Activated Delayed Fluorescence Polymers: Interplay Between Intra- and Intermolecular Charge Transfer States. Frontiers in Chemistry, 2019, 7, 688.	3.6	29
71	Nuomici-Inspired Universal Strategy for Boosting Piezoresistive Sensitivity and Elasticity of Polymer Nanocomposite-Based Strain Sensors. ACS Applied Materials & Interfaces, 2019, 11, 35362-35370.	8.0	16
72	Control of Nanoparticle Release by Membrane Composition for Dualâ€Responsive Nanocapsules. Chemistry - A European Journal, 2019, 25, 13694-13700.	3.3	2

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73	Hydrogel/enzyme dots as adaptable tool for non-compartmentalized multi-enzymatic reactions in microfluidic devices. Reaction Chemistry and Engineering, 2019, 4, 67-77.	3.7	31
74	The construction and effect of physical properties on intracellular drug delivery of poly(amino acid) capsules. Colloids and Surfaces B: Biointerfaces, 2019, 177, 178-187.	5.0	6
75	Synthesis and Characterization of a Regioregular Sideâ€Chain Semifluorinated Polythiophene. Physica Status Solidi (A) Applications and Materials Science, 2019, 216, 1800747.	1.8	2
76	Synthesis of the H-phosphonate dibenzo[d,f][1,3,2]dioxaphosphepine 6-oxide and the phospha-Michael addition to unsaturated compounds. Tetrahedron, 2019, 75, 1306-1310.	1.9	16
77	A Dielsâ€"Alder reaction between cyanates and cyclopentadienone-derivatives â€" a new class of crosslinkable oligomers. Polymer Chemistry, 2019, 10, 698-704.	3.9	8
78	Amorphous Conjugated Polymers as Efficient Dualâ€Mode MALDI Matrices for Lowâ€Molecularâ€Weight Analytes. ChemPlusChem, 2019, 84, 1338-1345.	2.8	7
79	Trifluoromethyl and benzyl ether side groups containing novel sulfonated co-poly(ether imide)s: Application in microbial fuel cell. European Polymer Journal, 2019, 118, 451-464.	5.4	12
80	Effect of the Structure of Therapeutic Adenosine Analogues on Stability and Surface Electrostatic Potential of their Complexes with Poly(propyleneimine) Dendrimers. Macromolecular Rapid Communications, 2019, 40, e1900181.	3.9	11
81	Organic vapor sensing behavior of polycarbonate/polystyrene/multi-walled carbon nanotube blend composites with different microstructures. Materials and Design, 2019, 179, 107897.	7.0	8
82	Vanadium salt assisted solvothermal reduction of graphene oxide and the thermoelectric characterisation of the reduced graphene oxide in bulk and as composite. Materials Chemistry and Physics, 2019, 229, 319-329.	4.0	12
83	Molecular Doping of a Waterâ€Soluble Polythiophene Derivative. Physica Status Solidi (A) Applications and Materials Science, 2019, 216, 1800772.	1.8	1
84	Increased charge carrier mobility and molecular packing of a solution sheared diketopyrrolopyrrole-based donorâ€"acceptor copolymer by alkyl side chain modification. Journal of Materials Chemistry C, 2019, 7, 3665-3674.	5.5	19
85	Melt-Mixed PP/MWCNT Composites: Influence of CNT Incorporation Strategy and Matrix Viscosity on Filler Dispersion and Electrical Resistivity. Polymers, 2019, 11, 189.	4.5	38
86	Doubleâ€crosslinked reversible redoxâ€responsive hydrogels based on disulfideâ€"thiol interchange. Journal of Polymer Science Part A, 2019, 57, 2590-2601.	2.3	19
87	One-step photostructuring of multiple hydrogel arrays for compartmentalized enzyme reactions in microfluidic devices. Reaction Chemistry and Engineering, 2019, 4, 2141-2155.	3.7	20
88	Layer-by-Layer Assembly Enabled by the Anionic p-Dopant CN6-CP^{â€¢â€"}K⁺: a Route to Achieve Interfacial Doping of Organic Semiconductors. ACS Applied Materials & Interfaces, 2019, 11, 4159-4168.	8.0	8
89	Toward Functional Synthetic Cells: Inâ€Depth Study of Nanoparticle and Enzyme Diffusion through a Crossâ€Linked Polymersome Membrane. Advanced Science, 2019, 6, 1801299.	11.2	57
90	Thermally Activated Delayed Fluorescent Polymers: Structures, Properties, and Applications in OLED Devices. Macromolecular Rapid Communications, 2019, 40, e1800570.	3.9	114

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91	Poly(propyleneimine) glycodendrimers non-covalently bind ATP in a pH- and salt-dependent manner â€“ model studies for adenosine analogue drug delivery. International Journal of Pharmaceutics, 2018, 544, 83-90.	5.2	16
92	Novel Sulfonated Co-poly(ether imide)s Containing Trifluoromethyl, Fluorenyl and Hydroxyl Groups for Enhanced Proton Exchange Membrane Properties: Application in Microbial Fuel Cell. ACS Applied Materials & Interfaces, 2018, 10, 14803-14817.	8.0	53
93	Rapid Synthesis of Dual-Responsive Hollow Capsules with Controllable Membrane Thickness by Surface-Initiated SET-LRP Polymerization. Macromolecules, 2018, 51, 1011-1019.	4.8	17
94	Tuning the Properties and Self-Healing Behavior of Ionically Modified Poly(isobutylene-co-isoprene) Rubber. Macromolecules, 2018, 51, 468-479.	4.8	77
95	Glycodendrimer Nanocarriers for Direct Delivery of Fludarabine Triphosphate to Leukemic Cells: Improved Pharmacokinetics and Pharmacodynamics of Fludarabine. Biomacromolecules, 2018, 19, 531-543.	5.4	30
96	New crosslinked sulfonated polytriazoles: Proton exchange properties and microbial fuel cell performance. European Polymer Journal, 2018, 103, 322-334.	5.4	18
97	Soft and flexible poly(ethylene glycol) nanotubes for local drug delivery. Nanoscale, 2018, 10, 8413-8421.	5.6	22
98	Smart cellulose/graphene composites fabricated byin situchemical reduction of graphene oxide for multiple sensing applications. Journal of Materials Chemistry A, 2018, 6, 7777-7785.	10.3	118
99	Flexible poly(styrene-butadiene-styrene)/carbon nanotube fiber based vapor sensors with high sensitivity, wide detection range, and fast response. Sensors and Actuators B: Chemical, 2018, 256, 896-904.	7.8	43
100	Hexacyano-[3]-radialene anion-radical salts: a promising family of highly soluble p-dopants. Chemical Communications, 2018, 54, 307-310.	4.1	20
101	Venturing Electronics into Unknown Grounds. , 2018, , .		3
102	Highly Aromatic Polymer Architectures Designed for Optoelectronic Applications. International Journal of the Society of Materials Engineering for Resources, 2018, 23, 1-4.	0.1	0
103	Modeling Hydrogel-Controlled Micro-Reactors for Enzyme Assays With Finite Elements for Improved Flow and Filling Distribution. , 2018, , .		1
104	In-situ characterization of thin polyimide films used for microelectronic packaging. , 2018, , .		0
105	Alkyl Branching Position in Diketopyrrolopyrrole Polymers: Interplay between Fibrillar Morphology and Crystallinity and Their Effect on Photogeneration and Recombination in Bulk-Heterojunction Solar Cells. Chemistry of Materials, 2018, 30, 6801-6809.	6.7	13
106	Interactions of bioactive molecules with thin dendritic glycopolymer layers. Biointerphases, 2018, 13, 06D405.	1.6	7
107	Hollow Capsules with Multiresponsive Valves for Controlled Enzymatic Reactions. Journal of the American Chemical Society, 2018, 140, 16106-16114.	13.7	50
108	A Chemically Doped Naphthalenediimideâ€Bithiazole Polymer for nâ€Type Organic Thermoelectrics. Advanced Materials, 2018, 30, e1801898.	21.0	165

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109	Electrical and vapor sensing behaviors of polycarbonate composites containing hybrid carbon fillers. European Polymer Journal, 2018, 108, 461-471.	5.4	12
110	A facile and efficient strategy to encapsulate the model basic protein lysozyme into porous CaCO₃. Journal of Materials Chemistry B, 2018, 6, 4205-4215.	5.8	28
111	Viscoelastic and self-healing behavior of silica filled ionically modified poly(isobutylene-co-isoprene) rubber. RSC Advances, 2018, 8, 26793-26803.	3.6	36
112	Enabling the synthesis of homogeneous or Janus hairy nanoparticles through surface photoactivation. Nanoscale, 2018, 10, 14492-14498.	5.6	13
113	Reconstitution properties of biologically active polymersomes after cryogenic freezing and a freeze-drying process. RSC Advances, 2018, 8, 25436-25443.	3.6	11
114	Glycoâ€pseudodendrimers on a Polyester Basis: Synthesis and Investigation of Proteinâ€"Pseudodendrimer Interaction. Macromolecular Rapid Communications, 2018, 39, e1800364.	3.9	3
115	Affecting NF-ÎºB cell signaling pathway in chronic lymphocytic leukemia by dendrimers-based nanoparticles. Toxicology and Applied Pharmacology, 2018, 357, 33-38.	2.8	9
116	Tuning the conductance of a molecular wire by the interplay of donor and acceptor units. Nanoscale, 2018, 10, 17131-17139.	5.6	4
117	Conjugated Polymers as a New Class of Dual-Mode Matrices for MALDI Mass Spectrometry and Imaging. Journal of the American Chemical Society, 2018, 140, 11416-11423.	13.7	41
118	Comparison of Î¼-ATR-FTIR spectroscopy and py-GCMS as identification tools for microplastic particles and fibers isolated from river sediments. Analytical and Bioanalytical Chemistry, 2018, 410, 5313-5327.	3.7	189
119	Molecular Doping of a High Mobility Diketopyrrolopyrroleâ€"Dithienylthieno[3,2-b]thiophene Donorâ€"Acceptor Copolymer with F6TCNNQ. Macromolecules, 2017, 50, 914-926.	4.8	66
120	Synthesis of polymeric ionic liquids with unidirectional chain topology by AB step growth polymerization. Polymer, 2017, 111, 123-129.	3.8	15
121	An Ionic Liquid as Interface Linker for Tuning Piezoresistive Sensitivity and Toughness in Poly(vinylidene fluoride)/Carbon Nanotube Composites. ACS Applied Materials & Interfaces, 2017, 9, 5437-5446.	8.0	52
122	New Polymers: Beautiful Structures, But How Can We Bring Them to the Market?. Angewandte Chemie - International Edition, 2017, 56, 2810-2811.	13.8	17
123	Tetra-Sensitive Graft Copolymer Gels as Active Material of Chemomechanical Valves. ACS Applied Materials & Interfaces, 2017, 9, 7565-7576.	8.0	16
124	Flexible Diazide Based Sulfonated Polytriazoles and Their Proton Exchange Membrane Properties. Macromolecular Chemistry and Physics, 2017, 218, 1700070.	2.2	16
125	Fine-tuning the pH response of polymersomes for mimicking and controlling the cell membrane functionality. Polymer Chemistry, 2017, 8, 2904-2908.	3.9	38
126	Semifluorinated PMMA Block Copolymers: Synthesis, Nanostructure, and Thin Film Properties. Macromolecular Chemistry and Physics, 2017, 218, 1600599.	2.2	7

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127	Development of electrically conductive microstructures based on polymer/CNT nanocomposites via two-photon polymerization. Microelectronic Engineering, 2017, 179, 48-55.	2.4	28
128	High-tech functional polymers designed for applications in organic electronics. Polymer Degradation and Stability, 2017, 145, 150-156.	5.8	13
129	All-printed capacitors with continuous solution dispensing technology. Semiconductor Science and Technology, 2017, 32, 095012.	2.0	6
130	Autonomous Integrated Microfluidic Circuits for Chipâ€Level Flow Control Utilizing Chemofluidic Transistors. Advanced Functional Materials, 2017, 27, 1700430.	14.9	28
131	Facile synthesis of oligo(3-hexylthiophene)s conductive wires with charge-transfer functions. Polymer Chemistry, 2017, 8, 2675-2685.	3.9	6
132	Functional organoclay with high thermal stability and its synergistic effect on intumescent flame retardant polypropylene. Applied Clay Science, 2017, 143, 192-198.	5.2	30
133	Influence of core and maltose surface modification of PEIs on their interaction with plasma proteinsâ€"Human serum albumin and lysozyme. Colloids and Surfaces B: Biointerfaces, 2017, 152, 18-28.	5.0	10
134	Photoâ€Crossâ€Linked Dualâ€Responsive Hollow Capsules Mimicking Cell Membrane for Controllable Cargo Postâ€Encapsulation and Release. Advanced Science, 2017, 4, 1600308.	11.2	30
135	Conjugationâ€Induced Thermally Activated Delayed Fluorescence (TADF): From Conventional Nonâ€TADF Units to TADFâ€Active Polymers. Advanced Functional Materials, 2017, 27, 1605051.	14.9	109
136	Polypropylene-based melt mixed composites with singlewalled carbon nanotubes for thermoelectric applications: Switching from p-type to n-type by the addition of polyethylene glycol. Polymer, 2017, 108, 513-520.	3.8	62
137	Functional Cellular Mimics for the Spatiotemporal Control of Multiple Enzymatic Cascade Reactions. Angewandte Chemie - International Edition, 2017, 56, 16233-16238.	13.8	88
138	Functional Cellular Mimics for the Spatiotemporal Control of Multiple Enzymatic Cascade Reactions. Angewandte Chemie, 2017, 129, 16451-16456.	2.0	29
139	Dynamic Docking and Undocking Processes Addressing Selectively the Outside and Inside of Polymersomes. Macromolecular Rapid Communications, 2017, 38, 1700486.	3.9	20
140	Functionalized allylamine polyphosphate as a novel multifunctional highly efficient fire retardant for polypropylene. Polymer Chemistry, 2017, 8, 6309-6318.	3.9	30
141	Sulfonated copolyimides containing trifluoromethyl and phosphine oxide moieties: Synergistic effect towards proton exchange membrane properties. European Polymer Journal, 2017, 95, 581-595.	5.4	22
142	Hydroquinone Based Sulfonated Copolytriazoles with Enhanced Proton Conductivity. Macromolecular Materials and Engineering, 2017, 302, 1700208.	3.6	11
143	Photo-crosslinked hollow capsules as platform for biomedical applications. Journal of Controlled Release, 2017, 259, e26.	9.9	1
144	Blockage of Wnt/Î²â€Catenin Signaling by Nanoparticles Reduces Survival and Proliferation of CLL Cells In Vitroâ€"Preliminary Study. Macromolecular Bioscience, 2017, 17, 1700130.	4.1	11

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145	Synthesis of High-Crystallinity DPP Polymers with Balanced Electron and Hole Mobility. Chemistry of Materials, 2017, 29, 10220-10232.	6.7	40
146	Temperature- and pH-dependent aggregation behavior of hydrophilic dual-sensitive poly(2-oxazoline)s block copolymers as latent amphiphilic macromolecules. European Polymer Journal, 2017, 88, 623-635.	5.4	16
147	Sugar-Modified Poly(propylene imine) Dendrimers Stimulate the NF-Îºb Pathway in a Myeloid Cell Line. Pharmaceutical Research, 2017, 34, 136-147.	3.5	22
148	Properties of thin layers of electrically conductive polymer/MWCNT composites prepared by spray coating. Composites Science and Technology, 2017, 138, 134-143.	7.8	23
149	Bisensitive Hydrogel With Volume Compensation Properties for Force Compensation Sensors. , 2017, 1, 1-4.		10
150	Polyacrylamide gels with selective recognition of the tetrameric molecular form of human growth hormone. EXPRESS Polymer Letters, 2017, 11, 645-651.	2.1	2
151	Glycodendrimer PPI as a Potential Drug in Chronic Lymphocytic Leukaemia. The Influence of Glycodendrimer on Apoptosis in In Vitro B-CLL Cells Defined by Microarrays. Anti-Cancer Agents in Medicinal Chemistry, 2017, 17, 102-114.	1.7	9
152	Hyperbranched Polymers with High Transparency and Inherent High Refractive Index for Application in Organic Lightâ€Emitting Diodes. Advanced Functional Materials, 2016, 26, 2545-2553.	14.9	67
153	Oligosaccharide-crowned hyperbranched poly(ethyleneimine) as an additive to thin-layer chromatography systems for the separation of vitamins, amino acids and Î²-blocker enantiomers. Journal of Planar Chromatography - Modern TLC, 2016, 29, 108-112.	1.2	8
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