

# Brigitte I Voit

## List of Publications by Year in descending order

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583  
papers

22,055  
citations

16791

66  
h-index

20625

120  
g-index

611  
all docs

611  
docs citations

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times ranked

21043  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal stability and pyrolysis behavior of an efficient fire-retarded polypropylene containing allylamine polyphosphate and pentaerythritol. <i>Thermochimica Acta</i> , 2022, 708, 179083.	1.2	4
2	Redox-sensitive ferrocene functionalised double cross-linked supramolecular hydrogels. <i>Polymer Chemistry</i> , 2022, 13, 427-438.	1.9	7
3	Solution-processable Hole-transporting Polymers: Synthesis, Doping Study and Crosslinking Induced by UV-radiation or Huisgen-Click Cycloaddition. <i>Advanced Materials Interfaces</i> , 2022, 9, .	1.9	5
4	Sulfur Containing High Refractive Index Poly(arylene Thioether)s and Poly(arylene Ether)s. <i>Macromolecules</i> , 2022, 55, 1015-1029.	2.2	14
5	Reversible Protein Capture and Release by Redox-Responsive Hydrogel in Microfluidics. <i>Polymers</i> , 2022, 14, 267.	2.0	5
6	Effect of high-energy electrons on the thermal, mechanical and fire safety properties of fire-retarded polypropylene nanocomposites. <i>Radiation Physics and Chemistry</i> , 2022, 194, 110016.	1.4	3
7	Highly efficient flame retardant and smoke suppression mechanism of polypropylene nanocomposites based on clay and allylamine polyphosphate. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	1.3	6
8	Impact of the Network Density of Rough Poly(dimethylsiloxane)-Model Systems on the Hydrophobicity Assessment and Dynamic Wetting Behavior. <i>ACS Applied Polymer Materials</i> , 2022, 4, 4109-4118.	2.0	0
9	Impact of Electron Beam Irradiation on Thermoplastic Polyurethanes Unraveled by Thermal Field-Flow Fractionation. <i>Polymer Degradation and Stability</i> , 2021, 183, 109423.	2.7	5
10	The chemistry of cross-linked polymeric vesicles and their functionalization towards biocatalytic nanoreactors. <i>Colloid and Polymer Science</i> , 2021, 299, 309-324.	1.0	12
11	Improving glass transition temperature of unsaturated polyester thermosets: Conventional unsaturated polyester resins. <i>Journal of Applied Polymer Science</i> , 2021, 138, 49825.	1.3	10
12	Detection of subtle extracellular glucose changes by artificial organelles in protocells. <i>Chemical Communications</i> , 2021, 57, 8019-8022.	2.2	14
13	Conjugation-Induced Thermally Activated Delayed Fluorescence: Photophysics of a Carbazole-Benzophenone Monomer-to-Tetramer Molecular Series. <i>Journal of Physical Chemistry A</i> , 2021, 125, 1345-1354.	1.1	11
14	Eukaryotic Cell Biomimetics: Construction of Eukaryotic Cell Biomimetics: Hierarchical Polymersomes-in-Proteinosome Multicompartment with Enzymatic Reactions Modulated Protein Transportation (Small 7/2021). <i>Small</i> , 2021, 17, 2170026.	5.2	0
15	Enzymatic Synthesis of Poly(alkylene succinate)s: Influence of Reaction Conditions. <i>Processes</i> , 2021, 9, 411.	1.3	11
16	Matrix metalloproteinase-1 decorated polymersomes, a surface-active extracellular matrix therapeutic, potentiates collagen degradation and attenuates early liver fibrosis. <i>Journal of Controlled Release</i> , 2021, 332, 594-607.	4.8	34
17	Charge Carrier Mobility Improvement in Diketopyrrolopyrrole Block-Copolymers by Shear Coating. <i>Polymers</i> , 2021, 13, 1435.	2.0	6
18	Artificial Organelles with Orthogonal-responsive Membranes for Protocell Systems: Probing the Intrinsic and Sequential Docking and Diffusion of Cargo into Two Coexisting Avidin-polymersomes. <i>Advanced Science</i> , 2021, 8, e2004263.	5.6	14

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19	Long-Term Retarded Release for the Proteasome Inhibitor Bortezomib through Temperature-Sensitive Dendritic Glycopolymers as Drug Delivery System from Calcium Phosphate Bone Cement. <i>Macromolecular Rapid Communications</i> , 2021, 42, 2100083.	2.0	3
20	Self-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. <i>Advanced Functional Materials</i> , 2021, 31, 2100105.	7.8	2
21	Preparation of Sulfonated Polytriazoles with a Phosphaphenanthrene Unit via Click Polymerization: Fabrication of Membranes and Properties Thereof. <i>ACS Applied Polymer Materials</i> , 2021, 3, 4127-4138.	2.0	14
22	Multivalent Protein-Loaded pH-Stable Polymersomes: First Step toward Protein Targeted Therapeutics. <i>Macromolecular Bioscience</i> , 2021, 21, e2100102.	2.1	12
23	Highly Tunable Piezoresistive Behavior of Carbon Nanotube-Containing Conductive Polymer Blend Composites Prepared from Two Polymers Exhibiting Crystallization-Induced Phase Separation. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 43333-43347.	4.0	8
24	Feedback-Induced and Oscillating pH Regulation of a Binary Enzyme-Polymersomes System. <i>Chemistry of Materials</i> , 2021, 33, 6692-6700.	3.2	18
25	Self-stratifying powder coatings based on eco-friendly, solvent-free epoxy/silicone technology for simultaneous corrosion and weather protection. <i>Progress in Organic Coatings</i> , 2021, 161, 106443.	1.9	7
26	Polyesters with bio-based ferulic acid units: crosslinking paves the way to property consolidation. <i>Polymer Chemistry</i> , 2021, 12, 5139-5148.	1.9	6
27	Construction of Eukaryotic Cell Biomimetics: Hierarchical Polymersomes-in-Proteinosome Multicompartment with Enzymatic Reactions Modulated Protein Transportation. <i>Small</i> , 2021, 17, e2005749.	5.2	26
28	Polymer Networks for Enrichment of Calcium Ions. <i>Polymers</i> , 2021, 13, 3506.	2.0	1
29	Enzymatic Synthesis of Sialic Acids in Microfluidics to Overcome Cross-Inhibitions and Substrate Supply Limitations. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 49433-49444.	4.0	10
30	Bivalent Peptide- and Chelator-Containing Bioconjugates as Toolbox Components for Personalized Nanomedicine. <i>Biomacromolecules</i> , 2020, 21, 199-213.	2.6	8
31	Rapid synthesis of PEGylated multiblock polymers by sequence-controlled polymerization in $H_2O$ . <i>Polymer Chemistry</i> , 2020, 11, 417-424.	1.9	1
32	Influence of surface characteristics on the penetration rate of electrolytes into model cells for lithium ion batteries. <i>Journal of Adhesion Science and Technology</i> , 2020, 34, 849-866.	1.4	11
33	All methacrylate block copolymer/TiO <sub>2</sub> nanocomposite via ATRP and in-situ sol-gel process. <i>Materials Today Communications</i> , 2020, 22, 100728.	0.9	6
34	MWCNT induced negative real permittivity in a copolyester of Bisphenol-A with terephthalic and isophthalic acids. <i>Materials Research Express</i> , 2020, 7, 015337.	0.8	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 1	3.3	24
36	Synthesis and characterization of star-shaped sulfonated new poly(ether triazole)s: Proton exchange membrane properties. <i>European Polymer Journal</i> , 2020, 123, 109443.	2.6	5

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37	Self-healing and reprocessable bromo butylrubber based on combined ionic cluster formation and hydrogen bonding. <i>Polymer Chemistry</i> , 2020, 11, 1188-1197.	1.9	23
38	AB <sup>n</sup> -Versus AA+BB <sup>n</sup> -Suzuki Polycondensation: A Palladium/Tris( <i>tert</i> -butyl)phosphine Catalyst Can Outperform Conventional Catalysts. <i>Macromolecular Rapid Communications</i> , 2020, 41, e1900521.	2.0	7
39	Synthesis and characterization of pH- and thermo-responsive hydrogels based on poly(2-cyclopropyl-2-oxazoline) macromonomer, sodium acrylate, and acrylamide. <i>Polymer Bulletin</i> , 2020, 77, 5553-5565.	1.7	7
40	New insights into the structure of two-dimensional lead iodide-based perovskites. <i>Organic Electronics</i> , 2020, 87, 105935.	1.4	7
41	New trivalent phosphorus containing poly(arylene ether)s as alternative reactants for the Mitsunobu reaction. <i>European Polymer Journal</i> , 2020, 140, 110045.	2.6	1
42	Avidin Localizations in pH-Responsive Polymersomes for Probing the Docking of Biotinylated (Macro)molecules in the Membrane and Lumen. <i>Biomacromolecules</i> , 2020, 21, 5162-5172.	2.6	20
43	Light-Driven Proton Transfer for Cyclic and Temporal Switching of Enzymatic Nanoreactors. <i>Small</i> , 2020, 16, e2002135.	5.2	34
44	The Next 100 Years of Polymer Science. <i>Macromolecular Chemistry and Physics</i> , 2020, 221, 2000216.	1.1	69
45	In Situ Preparation of Crosslinked Polymer Electrolytes for Lithium Ion Batteries: A Comparison of Monomer Systems. <i>Polymers</i> , 2020, 12, 1707.	2.0	9
46	Synthesis of 2,2'-hindered pyridine containing semifluorinated polytriazoles and investigation for low-temperature proton exchange membrane application with enhanced oxidative stability. <i>European Polymer Journal</i> , 2020, 136, 109898.	2.6	15
47	Aerogels Based on Reduced Graphene Oxide/Cellulose Composites: Preparation and Vapour Sensing Abilities. <i>Nanomaterials</i> , 2020, 10, 1729.	1.9	9
48	Enzymatic Nanoreactors: Light-Driven Proton Transfer for Cyclic and Temporal Switching of Enzymatic Nanoreactors ( <i>Small</i> 37/2020). <i>Small</i> , 2020, 16, 2070201.	5.2	1
49	Tuning the Piezoresistive Behavior of Poly(Vinylidene Fluoride)/Carbon Nanotube Composites Using Poly(Methyl Methacrylate). <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 43125-43137.	4.0	23
50	Tailor-Made Functional Polymethacrylates with Dual Characteristics of Self-Healing and Shape-Memory Based on Dynamic Covalent Chemistry. <i>Macromolecular Materials and Engineering</i> , 2020, 305, 2000142.	1.7	17
51	Chemically Stable Sulfonated Polytriazoles Containing Trifluoromethyl and Phosphine Oxide Moieties for Proton Exchange Membranes. <i>ACS Applied Polymer Materials</i> , 2020, 2, 2967-2979.	2.0	27
52	Polystyrene/thermoplastic polyurethane interpenetrating network-based nanocomposite with high-speed, thermo-responsive shape memory behavior. <i>Polymer</i> , 2020, 200, 122575.	1.8	14
53	Synthesis and Characterization of Stiff, Self-Crosslinked Thermo-responsive DMAA Hydrogels. <i>Polymers</i> , 2020, 12, 1401.	2.0	3
54	Polymer Featuring Thermally Activated Delayed Fluorescence as Emitter in Light-Emitting Electrochemical Cells. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 6227-6234.	2.1	15

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55	Double cross-linked supramolecular hydrogels with tunable properties based on host-guest interactions. <i>Soft Matter</i> , 2020, 16, 6733-6742.	1.2	21
56	Hydrogel Microvalves as Control Elements for Parallelized Enzymatic Cascade Reactions in Microfluidics. <i>Micromachines</i> , 2020, 11, 167.	1.4	13
57	Influence of the catalyst concentration on the chemical structure, the physical properties and the fire behavior of rigid polyisocyanurate foams. <i>Polymer Degradation and Stability</i> , 2020, 177, 109168.	2.7	4
58	Multifunctional Cellulose/rGO/Fe <sub>3</sub> O <sub>4</sub> Composite Aerogels for Electromagnetic Interference Shielding. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 22088-22098.	4.0	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. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 45404-45419.	4.0	17
60	Semi-Interpenetrating Polymer Networks Based on N-isopropylacrylamide and 2-acrylamido-2-methylpropane Sulfonic Acid for Intramolecular Force-Compensated Sensors. <i>Journal of the Electrochemical Society</i> , 2020, 167, 167521.	1.3	4
61	SÍNTESIS DE NUEVOS COPOLÁMEROS EN BLOQUE A PARTIR DE POLIETILENGLICOL Y 2-OXAZOLINAS. <i>Revista De La Sociedad Química Del Perú</i> , 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. <i>Micromachines</i> , 2020, 11, 479.	1.4	16
64	Phase separation and surface properties of poly(propyl methacrylate-b-methyl methacrylate) diblock copolymers. <i>Polymer Bulletin</i> , 2019, 76, 271-289.	1.7	0
65	Mono- and Polyassociation Processes of Pentavalent Biotinylated PEI Glycopolymers for the Fabrication of Biohybrid Structures with Targeting Properties. <i>Biomacromolecules</i> , 2019, 20, 3408-3424.	2.6	7
66	Quantitative Synthesis of Temperature-Responsive Polymersomes by Multiblock Polymerization. <i>Angewandte Chemie - International Edition</i> , 2019, 60, 15682.	7.2	4
67	Combination of nuclear magnetic resonance spectroscopy and nonlinear methods to analyze the copolymerization of phosphonic acid derivatives. <i>Journal of Applied Polymer Science</i> , 2019, 136, 48256.	1.3	3
68	Fiber formation and properties of polyester/lignin blends. <i>Journal of Applied Polymer Science</i> , 2019, 136, 48257.	1.3	7
69	Improving the Flame Retardance of Polyisocyanurate Foams by Dibenzo[d,f][1,3,2]dioxaphosphine 6-Oxide-Containing Additives. <i>Polymers</i> , 2019, 11, 1242.	2.0	8
70	Organic Light-Emitting Diodes Based on Conjugation-Induced Thermally Activated Delayed Fluorescence Polymers: Interplay Between Intra- and Intermolecular Charge Transfer States. <i>Frontiers in Chemistry</i> , 2019, 7, 688.	1.8	29
71	Nuomici-Inspired Universal Strategy for Boosting Piezoresistive Sensitivity and Elasticity of Polymer Nanocomposite-Based Strain Sensors. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 35362-35370.	4.0	16
72	Control of Nanoparticle Release by Membrane Composition for Dual-Responsive Nanocapsules. <i>Chemistry - A European Journal</i> , 2019, 25, 13694-13700.	1.7	2

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73	Hydrogel/enzyme dots as adaptable tool for non-compartmentalized multi-enzymatic reactions in microfluidic devices. <i>Reaction Chemistry and Engineering</i> , 2019, 4, 67-77.	1.9	31
74	The construction and effect of physical properties on intracellular drug delivery of poly(amino acid) capsules. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 177, 178-187.	2.5	6
75	Synthesis and Characterization of a Regioregular Side-Chain Semifluorinated Polythiophene. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2019, 216, 1800747.	0.8	2
76	Synthesis of the H-phosphonate dibenzo[d,f][1,3,2]dioxaphosphepine 6-oxide and the phospho-Michael addition to unsaturated compounds. <i>Tetrahedron</i> , 2019, 75, 1306-1310.	1.0	16
77	A Diels-Alder reaction between cyanates and cyclopentadienone-derivatives – a new class of crosslinkable oligomers. <i>Polymer Chemistry</i> , 2019, 10, 698-704.	1.9	8
78	Amorphous Conjugated Polymers as Efficient Dual-Mode MALDI Matrices for Low-Molecular-Weight Analytes. <i>ChemPlusChem</i> , 2019, 84, 1338-1345.	1.3	7
79	Trifluoromethyl and benzyl ether side groups containing novel sulfonated co-poly(ether imide)s: Application in microbial fuel cell. <i>European Polymer Journal</i> , 2019, 118, 451-464.	2.6	12
80	Effect of the Structure of Therapeutic Adenosine Analogues on Stability and Surface Electrostatic Potential of their Complexes with Poly(propyleneimine) Dendrimers. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1900181.	2.0	11
81	Organic vapor sensing behavior of polycarbonate/polystyrene/multi-walled carbon nanotube blend composites with different microstructures. <i>Materials and Design</i> , 2019, 179, 107897.	3.3	8
82	Vanadium salt assisted solvothermal reduction of graphene oxide and the thermoelectric characterisation of the reduced graphene oxide in bulk and as composite. <i>Materials Chemistry and Physics</i> , 2019, 229, 319-329.	2.0	12
83	Molecular Doping of a Water-Soluble Polythiophene Derivative. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2019, 216, 1800772.	0.8	1
84	Increased charge carrier mobility and molecular packing of a solution sheared diketopyrrolopyrrole-based donor-acceptor copolymer by alkyl side chain modification. <i>Journal of Materials Chemistry C</i> , 2019, 7, 3665-3674.	2.7	19
85	Melt-Mixed PP/MWCNT Composites: Influence of CNT Incorporation Strategy and Matrix Viscosity on Filler Dispersion and Electrical Resistivity. <i>Polymers</i> , 2019, 11, 189.	2.0	38
86	Double-crosslinked reversible redox-responsive hydrogels based on disulfide-thiol interchange. <i>Journal of Polymer Science Part A</i> , 2019, 57, 2590-2601.	2.5	19
87	One-step photostructuring of multiple hydrogel arrays for compartmentalized enzyme reactions in microfluidic devices. <i>Reaction Chemistry and Engineering</i> , 2019, 4, 2141-2155.	1.9	20
88	Layer-by-Layer Assembly Enabled by the Anionic p-Dopant CN <sub>6</sub> -CP <sup>+</sup> K <sup>+</sup> : a Route to Achieve Interfacial Doping of Organic Semiconductors. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 4159-4168.	4.0	8
89	Toward Functional Synthetic Cells: In-Depth Study of Nanoparticle and Enzyme Diffusion through a Cross-Linked Polymersome Membrane. <i>Advanced Science</i> , 2019, 6, 1801299.	5.6	57
90	Thermally Activated Delayed Fluorescent Polymers: Structures, Properties, and Applications in OLED Devices. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1800570.	2.0	114

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91	Poly(propyleneimine) glycodendrimers non-covalently bind ATP in a pH- and salt-dependent manner – model studies for adenosine analogue drug delivery. International Journal of Pharmaceutics, 2018, 544, 83-90.	2.6	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.	4.0	53
93	Rapid Synthesis of Dual-Responsive Hollow Capsules with Controllable Membrane Thickness by Surface-Initiated SET-LRP Polymerization. Macromolecules, 2018, 51, 1011-1019.	2.2	17
94	Tuning the Properties and Self-Healing Behavior of Ionically Modified Poly(isobutylene-co-isoprene) Rubber. Macromolecules, 2018, 51, 468-479.	2.2	77
95	Glycodendrimer Nanocarriers for Direct Delivery of Fludarabine Triphosphate to Leukemic Cells: Improved Pharmacokinetics and Pharmacodynamics of Fludarabine. Biomacromolecules, 2018, 19, 531-543.	2.6	30
96	New crosslinked sulfonated polytriazoles: Proton exchange properties and microbial fuel cell performance. European Polymer Journal, 2018, 103, 322-334.	2.6	18
97	Soft and flexible poly(ethylene glycol) nanotubes for local drug delivery. Nanoscale, 2018, 10, 8413-8421.	2.8	22
98	Smart cellulose/graphene composites fabricated by in situ chemical reduction of graphene oxide for multiple sensing applications. Journal of Materials Chemistry A, 2018, 6, 7777-7785.	5.2	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.	4.0	43
100	Hexacyano-[3]-radialene anion-radical salts: a promising family of highly soluble p-dopants. Chemical Communications, 2018, 54, 307-310.	2.2	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.	3.2	13
106	Interactions of bioactive molecules with thin dendritic glycopolymer layers. Biointerphases, 2018, 13, 06D405.	0.6	7
107	Hollow Capsules with Multiresponsive Valves for Controlled Enzymatic Reactions. Journal of the American Chemical Society, 2018, 140, 16106-16114.	6.6	50
108	A Chemically Doped Naphthalenediimide-Bithiazole Polymer for n-Type Organic Thermoelectrics. Advanced Materials, 2018, 30, e1801898.	11.1	165

#	ARTICLE	IF	CITATIONS
109	Electrical and vapor sensing behaviors of polycarbonate composites containing hybrid carbon fillers. <i>European Polymer Journal</i> , 2018, 108, 461-471.	2.6	12
110	A facile and efficient strategy to encapsulate the model basic protein lysozyme into porous CaCO <sub>3</sub> . <i>Journal of Materials Chemistry B</i> , 2018, 6, 4205-4215.	2.9	28
111	Viscoelastic and self-healing behavior of silica filled ionically modified poly(isobutylene-co-isoprene) rubber. <i>RSC Advances</i> , 2018, 8, 26793-26803.	1.7	36
112	Enabling the synthesis of homogeneous or Janus hairy nanoparticles through surface photoactivation. <i>Nanoscale</i> , 2018, 10, 14492-14498.	2.8	13
113	Reconstitution properties of biologically active polymersomes after cryogenic freezing and a freeze-drying process. <i>RSC Advances</i> , 2018, 8, 25436-25443.	1.7	11
114	Glyco- $\epsilon$ -pseudodendrimers on a Polyester Basis: Synthesis and Investigation of Protein- $\epsilon$ -Pseudodendrimer Interaction. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800364.	2.0	3
115	Affecting NF- $\kappa$ B cell signaling pathway in chronic lymphocytic leukemia by dendrimers-based nanoparticles. <i>Toxicology and Applied Pharmacology</i> , 2018, 357, 33-38.	1.3	9
116	Tuning the conductance of a molecular wire by the interplay of donor and acceptor units. <i>Nanoscale</i> , 2018, 10, 17131-17139.	2.8	4
117	Conjugated Polymers as a New Class of Dual-Mode Matrices for MALDI Mass Spectrometry and Imaging. <i>Journal of the American Chemical Society</i> , 2018, 140, 11416-11423.	6.6	41
118	Comparison of $\mu$ -ATR-FTIR spectroscopy and py-GCMS as identification tools for microplastic particles and fibers isolated from river sediments. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 5313-5327.	1.9	189
119	Molecular Doping of a High Mobility Diketopyrrolopyrrole- $\epsilon$ -Dithienylthieno[3,2- <i>b</i> ]thiophene Donor- $\epsilon$ -Acceptor Copolymer with F6TCNNQ. <i>Macromolecules</i> , 2017, 50, 914-926.	2.2	66
120	Synthesis of polymeric ionic liquids with unidirectional chain topology by AB step growth polymerization. <i>Polymer</i> , 2017, 111, 123-129.	1.8	15
121	An Ionic Liquid as Interface Linker for Tuning Piezoresistive Sensitivity and Toughness in Poly(vinylidene fluoride)/Carbon Nanotube Composites. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 5437-5446.	4.0	52
122	New Polymers: Beautiful Structures, But How Can We Bring Them to the Market?. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2810-2811.	7.2	17
123	Tetra-Sensitive Graft Copolymer Gels as Active Material of Chemomechanical Valves. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 7565-7576.	4.0	16
124	Flexible Diazide Based Sulfonated Polytriazoles and Their Proton Exchange Membrane Properties. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1700070.	1.1	16
125	Fine-tuning the pH response of polymersomes for mimicking and controlling the cell membrane functionality. <i>Polymer Chemistry</i> , 2017, 8, 2904-2908.	1.9	38
126	Semifluorinated PMMA Block Copolymers: Synthesis, Nanostructure, and Thin Film Properties. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1600599.	1.1	7



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127	Development of electrically conductive microstructures based on polymer/CNT nanocomposites via two-photon polymerization. <i>Microelectronic Engineering</i> , 2017, 179, 48-55.	1.1	28
128	High-tech functional polymers designed for applications in organic electronics. <i>Polymer Degradation and Stability</i> , 2017, 145, 150-156.	2.7	13
129	All-printed capacitors with continuous solution dispensing technology. <i>Semiconductor Science and Technology</i> , 2017, 32, 095012.	1.0	6
130	Autonomous Integrated Microfluidic Circuits for Chip-Level Flow Control Utilizing Chemofluidic Transistors. <i>Advanced Functional Materials</i> , 2017, 27, 1700430.	7.8	28
131	Facile synthesis of oligo(3-hexylthiophene)s conductive wires with charge-transfer functions. <i>Polymer Chemistry</i> , 2017, 8, 2675-2685.	1.9	6
132	Functional organoclay with high thermal stability and its synergistic effect on intumescent flame retardant polypropylene. <i>Applied Clay Science</i> , 2017, 143, 192-198.	2.6	30
133	Influence of core and maltose surface modification of PEIs on their interaction with plasma proteins Human serum albumin and lysozyme. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 152, 18-28.	2.5	10
134	Photo-Cross-Linked Dual-Responsive Hollow Capsules Mimicking Cell Membrane for Controllable Cargo Post-Encapsulation and Release. <i>Advanced Science</i> , 2017, 4, 1600308.	5.6	30
135	Conjugation-Induced Thermally Activated Delayed Fluorescence (TADF): From Conventional Non-TADF Units to TADF-Active Polymers. <i>Advanced Functional Materials</i> , 2017, 27, 1605051.	7.8	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. <i>Polymer</i> , 2017, 108, 513-520.	1.8	62
137	Functional Cellular Mimics for the Spatiotemporal Control of Multiple Enzymatic Cascade Reactions. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16233-16238.	7.2	88
138	Functional Cellular Mimics for the Spatiotemporal Control of Multiple Enzymatic Cascade Reactions. <i>Angewandte Chemie</i> , 2017, 129, 16451-16456.	1.6	29
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