

Ulrich S Schubert

List of Publications by Year in Descending Order

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Version: 2024-02-29

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

1,328
papers

64,454
citations

112
h-index

205
g-index

1,448
ext. papers

70,199
ext. citations

6.9
avg, IF

8.31
L-index

#	Paper	IF	Citations
1328	A low-cost amperometric sensor for the combined state-of-charge, capacity, and state-of-health monitoring of redox flow battery electrolytes. <i>Energy Conversion and Management: X</i> , 2022 , 14, 100188	2.5	0
1327	All-Organic Redox Targeting with a Single Redox Moiety: Combining Organic Radical Batteries and Organic Redox Flow Batteries.. <i>ACS Applied Materials & Interfaces</i> , 2022 ,	9.5	3
1326	Drug delivery of 6-bromoindirubin-3'-glycerol-oxime ether employing poly(D,L-lactide-co-glycolide)-based nanoencapsulation techniques with sustainable solvents.. <i>Journal of Nanobiotechnology</i> , 2022 , 20, 5	9.4	1
1325	A photosensitizer-polyoxometalate dyad that enables the decoupling of light and dark reactions for delayed on-demand solar hydrogen production.. <i>Nature Chemistry</i> , 2022 ,	17.6	11
1324	Blatter radical as a polymeric active material in organic batteries. <i>Journal of Power Sources</i> , 2022 , 524, 231061	8.9	2
1323	Shifting the Biosynthesis of Leukotrienes Toward Specialized Pro-Resolving Mediators by the 5-Lipoxygenase-Activating Protein (FLAP) Antagonist BRP-201.. <i>Journal of Inflammation Research</i> , 2022 , 15, 911-925	4.8	1
1322	Stability of TMA-TEMPO-based aqueous electrolytes for redox-flow batteries. <i>Journal of Power Sources</i> , 2022 , 525, 230996	8.9	3
1321	Chitosan-based inks for 3D printing and bioprinting. <i>Green Chemistry</i> , 2022 , 24, 62-101	10	8
1320	Triplet-Triplet Annihilation Upconversion by Polymeric Sensitizers. <i>Journal of Physical Chemistry C</i> , 2022 , 126, 4057-4066	3.8	1
1319	Regaining Potential: Studies Concerning 2-Ferrocenylethyl Methacrylate, Its Polymers, and Application in Redox Flow Batteries. <i>Macromolecules</i> , 2022 , 55, 1576-1589	5.5	1
1318	Shear-Thinning and Rapidly Recovering Hydrogels of Polymeric Nanofibers Formed by Supramolecular Self-Assembly. <i>Chemistry of Materials</i> , 2022 , 34, 2206-2217	9.6	1
1317	From light to structure: Photo initiators in two-photon polymerization.. <i>Chemistry - A European Journal</i> , 2022 ,	4.8	4
1316	Metallo-Supramolecular Complexation Behavior of Terpyridine- and Ferrocene-Based Polymers in Solution-A Molecular Hydrodynamics Perspective.. <i>Polymers</i> , 2022 , 14,	4.5	0
1315	Inkjet Printing and 3D Printing Strategies for Biosensing, Analytical and Diagnostic Applications.. <i>Advanced Materials</i> , 2022 , e2105015	24	2
1314	A Viologen Polymer and a Compact Ferrocene: Comparison of Solution Viscosities and Their Performance in a Redox Flow Battery with a Size Exclusion Membrane. <i>Macromolecular Chemistry and Physics</i> , 2022 , 223, 2100373	2.6	1
1313	Recent advances in degradable synthetic polymers for biomedical applications Beyond polyesters. <i>Progress in Polymer Science</i> , 2022 , 101547	29.6	3
1312	State of Charge and State of Health Assessment of Viologens in Aqueous-Organic Redox-Flow Electrolytes Using In Situ IR Spectroscopy and Multivariate Curve Resolution.. <i>Advanced Science</i> , 2022 , e2200535	13.6	0

1311	Exploiting π - π Reactivities during Polymerization for Controlled Heterotelechelic Poly(carbazole)s. <i>Macromolecules</i> , 2022 , 55, 3688-3698	5.5	0
1310	Triazole-Functionalized Mesoporous Materials Based on Poly(styrene-block-lactic acid): A Morphology Study of Thin Films. <i>Polymers</i> , 2022 , 14, 2231	4.5	
1309	Photoactive ultrathin molecular nanosheets with reversible lanthanide binding terpyridine centers. <i>Nanoscale</i> , 2021 ,	7.7	1
1308	Redox-active polymers: The magic key towards energy storage \rightarrow polymer design guideline progress in polymer science. <i>Progress in Polymer Science</i> , 2021 , 125, 101474	29.6	6
1307	Anthraquinone-2,6-disulfamidic acid: an anolyte with low decomposition rates at elevated temperatures.. <i>RSC Advances</i> , 2021 , 11, 38759-38764	3.7	
1306	Miniemulsion polymerization at low temperature: A strategy for one-pot encapsulation of hydrophobic anti-inflammatory drugs into polyester-containing nanoparticles.. <i>Journal of Colloid and Interface Science</i> , 2021 , 612, 628-638	9.3	2
1305	Uphill and downhill charge generation from charge transfer to charge separated states in organic solar cells. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 14463-14489	7.1	1
1304	Dialysis Diffusion Kinetics in Polymer Purification. <i>Macromolecules</i> , 2021 , 54, 9410-9417	5.5	0
1303	Prediction of Nanoparticle Sizes for Arbitrary Methacrylates Using Artificial Neuronal Networks. <i>Advanced Science</i> , 2021 , 8, e2102429	13.6	4
1302	Molecular Insights into Site-Specific Interferon- α Bioconjugates Originated from PEG, LPG, and PEtOx. <i>Biomacromolecules</i> , 2021 , 22, 4521-4534	6.9	4
1301	Improved Hole Extraction Selectivity of Polymer Solar Cells by Combining PEDOT:PSS with WO ₃ . <i>Energy Technology</i> , 2021 , 9, 2100474	3.5	2
1300	The Influence of the Nature of Redox-Active Moieties on the Properties of Redox-Active Ionic Liquids and on Their Use as Electrolyte for Supercapacitors. <i>Energies</i> , 2021 , 14, 6344	3.1	1
1299	High-Throughput/High-Output Experimentation in RAFT Polymer Synthesis 2021 , 1051-1076		
1298	Characterization of Supramolecular Polymers 2021 , 453-502		0
1297	Supramolecular Polymers, Based on π -Electronic Interactions 2021 , 195-237		
1296	Supramolecular Polymers, Based on Metal-to-Ligand Interactions* 2021 , 117-194		
1295	Supramolecular Polymers, Formed by Orthogonal Non-covalent Interactions* 2021 , 415-452		
1294	Study of Anion Exchange Membrane Properties Incorporating π -spirocyclic Quaternary Ammonium Cations and Aqueous Organic Redox Flow Battery Performance. <i>Membranes</i> , 2021 , 11,	3.8	3

1293	Poly(2-ethyl-2-oxazoline) Featuring a Central Amino Moiety. <i>Macromolecular Rapid Communications</i> , 2021 , 42, e2100132	4.8	1
1292	Quantification of Triple-Shape Memory Behavior of Polymers Utilizing Tension and Torsion. <i>Macromolecular Chemistry and Physics</i> , 2021 , 222, 2000462	2.6	1
1291	Aging processes in high voltage lithium-ion capacitors containing liquid and gel-polymer electrolytes. <i>Journal of Power Sources</i> , 2021 , 496, 229797	8.9	2
1290	Excitation Energy-Dependent Branching Dynamics Determines Photostability of Iron(II)-Mesoionic Carbene Complexes. <i>Inorganic Chemistry</i> , 2021 , 60, 9157-9173	5.1	3
1289	Titanium-Oxo Clusters with Bi- and Tridentate Organic Ligands: Gradual Evolution of the Structures from Small to Big. <i>Chemistry - A European Journal</i> , 2021 , 27, 11239-11256	4.8	9
1288	Spatial Conductivity Distribution in Thin PEDOT:PSS Films after Laser Microannealing. <i>ACS Applied Electronic Materials</i> , 2021 , 3, 2825-2831	4	1
1287	Novel, Stable Catholyte for Aqueous Organic Redox Flow Batteries: Symmetric Cell Study of Hydroquinones with High Accessible Capacity. <i>Molecules</i> , 2021 , 26,	4.8	3
1286	Kinetically Controlling the Length of Self-Assembled Polymer Nanofibers Formed by Intermolecular Hydrogen Bonds.. <i>ACS Macro Letters</i> , 2021 , 10, 837-843	6.6	4
1285	Antifungal properties of poly[2-(dimethylamino)ethyl methacrylate] (PDMAEMA) and quaternized derivatives. <i>Reactive and Functional Polymers</i> , 2021 , 163, 104887	4.6	2
1284	On the stability of microwave-fabricated SERS substrates - chemical and morphological considerations. <i>Beilstein Journal of Nanotechnology</i> , 2021 , 12, 541-551	3	0
1283	IR Spectroscopy as a Method for Online Electrolyte State Assessment in RFBs. <i>Advanced Energy Materials</i> , 2021 , 11, 2100931	21.8	3
1282	Introduction of a Novel Figure of Merit for the Assessment of Transparent Conductive Electrodes in Photovoltaics: Exact and Approximate Form. <i>Advanced Energy Materials</i> , 2021 , 11, 2100875	21.8	7
1281	Simple heteroaryl modifications in the 4,5-diarylisoxazol-3-carboxylic acid scaffold favorably modulates the activity as dual mPGES-1/5-LO inhibitors with in vivo efficacy. <i>Bioorganic Chemistry</i> , 2021 , 112, 104861	5.1	2
1280	DNA Origami Meets Polymers: A Powerful Tool for the Design of Defined Nanostructures. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 6218-6229	16.4	16
1279	Emulsion Polymerizations for a Sustainable Preparation of Efficient TEMPO-based Electrodes. <i>ChemSusChem</i> , 2021 , 14, 449-455	8.3	8
1278	Well-defined poly(ethylene glycol) polymers as non-conventional reactive tracers of colloidal transport in porous media. <i>Journal of Colloid and Interface Science</i> , 2021 , 584, 592-601	9.3	3
1277	Effect of Hydrophilic Monomer Distribution on Self-Assembly of a pH-Responsive Copolymer: Spheres, Worms and Vesicles from a Single Copolymer Composition. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 4925-4930	16.4	19
1276	Kinetic investigations on homo- and co-polymerizations of pentafluorophenyl (meth)acrylates. <i>European Polymer Journal</i> , 2021 , 143, 110175	5.2	1

1275	Understanding the influence of chemical structure and length of hydrophobic blocks on the rheological properties of associative copolymers. <i>European Polymer Journal</i> , 2021 , 143, 110190	5.2	4
1274	Agrivoltaics – The Perfect Fit for the Future of Organic Photovoltaics. <i>Advanced Energy Materials</i> , 2021 , 11, 2002551	21.8	16
1273	Einfluss der Verteilung hydrophiler Monomere auf die Selbstassemblierung eines pH-responsiven Copolymers: Kugeln, Wurmer und Vesikel aus einer einzigen Copolymerkomposition. <i>Angewandte Chemie</i> , 2021 , 133, 4975-4981	3.6	
1272	Ferrocene containing redox-responsive poly(2-oxazoline)s. <i>Chemical Communications</i> , 2021 , 57, 1308-1318	1.8	3
1271	Kombination von DNA-Origami und Polymeren: Eine leistungsstarke Methode zum Aufbau definierter Nanostrukturen. <i>Angewandte Chemie</i> , 2021 , 133, 6282-6294	3.6	1
1270	Surface chemical reactions on self-assembled silane based monolayers. <i>Chemical Society Reviews</i> , 2021 , 50, 6507-6540	58.5	10
1269	Shape-Memory Metallopolymers Based on Two Orthogonal Metal-Ligand Interactions. <i>Advanced Materials</i> , 2021 , 33, e2006655	24	14
1268	Metal-Organic and Covalent Organic Frameworks Incorporating Ru Species 2021 , 389-427		0
1267	Revisiting staining of biological samples for electron microscopy: perspectives for recent research. <i>Materials Horizons</i> , 2021 , 8, 685-699	14.4	
1266	Ruthenodendrimers 2021 , 275-336		0
1265	Trust is good, control is better: a review on monitoring and characterization techniques for flow battery electrolytes. <i>Materials Horizons</i> , 2021 , 8, 1866-1925	14.4	8
1264	Polymeric Redox Flow Batteries 2021 ,		
1263	Why Organic Electronic Devices Comprising PEDOT:PSS Electrodes Should be Fabricated on Metal Free Substrates. <i>ACS Applied Electronic Materials</i> , 2021 , 3, 929-943	4	6
1262	Drug-Induced Dynamics of Bile Colloids. <i>Langmuir</i> , 2021 , 37, 2543-2551	4	3
1261	Photocathodes beyond NiO: charge transfer dynamics in a π -conjugated polymer functionalized with Ru photosensitizers. <i>Scientific Reports</i> , 2021 , 11, 2787	4.9	3
1260	Adaptation of electrodes and printable gel polymer electrolytes for optimized fully organic batteries. <i>Journal of Polymer Science</i> , 2021 , 59, 494-501	2.4	4
1259	Supramolecular Polymers, Based on the Host-Guest Chemistry of Pillarenes 2021 , 387-413		
1258	Supramolecular Polymers: General Considerations* 2021 , 1-28		

1257	Supramolecular Polymers, Based on Cucurbiturils 2021 , 275-299		0
1256	Supramolecular Assemblies Based on Ionic Interactions 2021 , 29-56		
1255	Photoluminescence Switching of CdSe/ZnS Quantum Dots Toward Sensing Applications Triggered by Thermoresponsive Poly(N-Isopropylacrylamide) Films on Plasmonic Gold Surfaces. <i>ACS Applied Nano Materials</i> , 2021 , 4, 2386-2394	5.6	1
1254	Effect of Crystallinity on the Properties of Polycaprolactone Nanoparticles Containing the Dual FLAP/mPEGS-1 Inhibitor BRP-187. <i>Polymers</i> , 2021 , 13,	4.5	4
1253	Non-fullerene acceptor photostability and its impact on organic solar cell lifetime. <i>Cell Reports Physical Science</i> , 2021 , 2, 100498	6.1	9
1252	Stealth Effect of Short Polyoxazolines in Graft Copolymers: Minor Changes of Backbone End Group Determine Liver Cell-Type Specificity. <i>ACS Nano</i> , 2021 ,	16.7	1
1251	Versatile Applications of Metallopolymers. <i>Progress in Polymer Science</i> , 2021 , 119, 101428	29.6	4
1250	The time-dependency of the healing behavior of laser-scratched polymer films. <i>Polymer Testing</i> , 2021 , 100, 107264	4.5	
1249	A combined experimental and in silico approach to determine the compatibility of poly(ester amide)s and indomethacin in polymer nanoparticles. <i>European Polymer Journal</i> , 2021 , 156, 110606	5.2	2
1248	Synthesis of functional miktoarm star polymers in an automated parallel synthesizer. <i>European Polymer Journal</i> , 2021 , 110777	5.2	1
1247	New Diglyme-based Gel Polymer Electrolytes for Na-based Energy Storage Devices. <i>ChemSusChem</i> , 2021 , 14, 4836-4845	8.3	2
1246	Liquid Chromatography Analysis of Reactive Oxoammonium Cations. <i>Chromatographia</i> , 2021 , 84, 999	2.1	
1245	Targeted delivery of a phosphoinositide 3-kinase inhibitor to restore organ function in sepsis. <i>EMBO Molecular Medicine</i> , 2021 , 13, e14436	12	2
1244	On the identification and quantification of proton-initiated species in the synthesis of poly(2-alkyl-2-oxazoline)s by high resolution liquid chromatography. <i>Journal of Chromatography A</i> , 2021 , 1653, 462364	4.5	0
1243	Polymeric Blatter's Radical via CuAAC and ROMP. <i>Macromolecular Chemistry and Physics</i> , 2021 , 222, 2100104	10.4	1
1242	Separation of volatile compounds from polymers by physisorption. <i>European Polymer Journal</i> , 2021 , 159, 110748	5.2	1
1241	Halogen bonding in polymer science: towards new smart materials. <i>Chemical Science</i> , 2021 , 12, 9275-9286	9.4	15
1240	Digital Transformation in Materials Science: A Paradigm Change in Material's Development. <i>Advanced Materials</i> , 2021 , 33, e2004940	24	11

1239	Red-light sensitized hole-conducting polymer for energy conversion. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 18026-18034	3.6	0
1238	Polymers and Small-Molecule Ru Species 2021 , 337-388		
1237	Electropolymerization An Item-Centered View on Ruthenopolymers 2021 , 187-274		
1236	Polymers Incorporating Ru Complexes 2021 , 15-185		
1235	Dual crosslinked metallopolymers using orthogonal metal complexes as rewritable shape-memory polymers. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 15051-15058	13	2
1234	Ethoxy acetalated dextran-based nanocarriers accomplish efficient inhibition of leukotriene formation by a novel FLAP antagonist in human leukocytes and blood.. <i>Cellular and Molecular Life Sciences</i> , 2021 , 79, 1	10.3	1
1233	Solution-Based Self-Assembly and Stability of Ruthenium(II) Tris-bipyridyl Monolayers on Gold. <i>ACS Applied Materials & Interfaces</i> , 2021 ,	9.5	1
1232	Gradient and asymmetric copolymers: the role of the copolymer composition profile in the ionization of weak polyelectrolytes. <i>Polymer Chemistry</i> , 2020 , 11, 7562-7570	4.9	4
1231	Salient features of medical nanoparticles in biological fluids from an analytical ultracentrifuge. <i>Nanoscale</i> , 2020 , 12, 22462-22466	7.7	5
1230	Kinetic Investigations of Quaternization Reactions of Poly[2-(dimethylamino)ethyl methacrylate] with Diverse Alkyl Halides. <i>Macromolecular Chemistry and Physics</i> , 2020 , 221, 1900543	2.6	3
1229	Encapsulation of the dual FLAP/mPEGS-1 inhibitor BRP-187 into acetalated dextran and PLGA nanoparticles improves its cellular bioactivity. <i>Journal of Nanobiotechnology</i> , 2020 , 18, 73	9.4	11
1228	Predicting Solubility of Small Molecules in Macromolecular Compounds for Nanomedicine Application from Atomistic Simulations. <i>Advanced Theory and Simulations</i> , 2020 , 3, 2000001	3.5	5
1227	Dithiafulvenyl-equipped Ru(II) bis-terpyridine complexes Synthesis, photophysical and electrochemical properties. <i>Inorganica Chimica Acta</i> , 2020 , 510, 119747	2.7	2
1226	Tunable nanogels by host-guest interaction with carboxylate pillar[5]arene for controlled encapsulation and release of doxorubicin. <i>Nanoscale</i> , 2020 , 12, 13595-13605	7.7	3
1225	Poly(ethylene glycol) or poly(2-ethyl-2-oxazoline) A systematic comparison of PLGA nanoparticles from the bottom up. <i>European Polymer Journal</i> , 2020 , 134, 109801	5.2	4
1224	Copolymerization of Caprolactone Isomers to Obtain Nanoparticles with Constant Hydrophobicity and Tunable Crystallinity. <i>Macromolecules</i> , 2020 , 53, 5208-5217	5.5	3
1223	Disentanglement of Degradation Mechanisms by Analyzing Aging Dynamics of Environmentally Friendly Processed Polymer Solar Cells. <i>Energy Technology</i> , 2020 , 8, 2000116	3.5	2
1222	Microwave irradiation versus conventional heating assisted free-radical copolymerization in solution. <i>Chemical Engineering Journal</i> , 2020 , 399, 125761	14.7	5

1221	Synthesis of a fructose decorated PAGE-b-PEG-b-PLGA polymer with subsequent formulation of nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 597, 124701	5.1	2
1220	Straightforward Access to Glycosylated, Acid Sensitive Nanogels by Host-Guest Interactions with Sugar-Modified Pillar[5]arenes. <i>ACS Macro Letters</i> , 2020 , 9, 540-545	6.6	8
1219	Organic linkage controls the photophysical properties of covalent photosensitizer-polyoxometalate hydrogen evolution dyads. <i>Sustainable Energy and Fuels</i> , 2020 , 4, 4688-4693	5.8	2
1218	A novel approach for the quantification of scratch healing of polymers. <i>Polymer Testing</i> , 2020 , 90, 106699	4.5	4
1217	Polysaccharide valproates: Structure - property relationships in solution. <i>Carbohydrate Polymers</i> , 2020 , 246, 116652	10.3	6
1216	Incentives of Using the Hydrodynamic Invariant and Sedimentation Parameter for the Study of Naturally- and Synthetically-Based Macromolecules in Solution. <i>Polymers</i> , 2020 , 12,	4.5	10
1215	Degradable polycaprolactone nanoparticles stabilized via supramolecular host-guest interactions with pH-responsive polymer-pillar[5]arene conjugates. <i>Polymer Chemistry</i> , 2020 , 11, 1985-1997	4.9	2
1214	Improved Bioactivity of the Natural Product 5-Lipoxygenase Inhibitor Hyperforin by Encapsulation into Polymeric Nanoparticles. <i>Molecular Pharmaceutics</i> , 2020 , 17, 810-816	5.6	8
1213	Quantification of the scratch-healing efficiency for novel zwitterionic polymers. <i>NPG Asia Materials</i> , 2020 , 12,	10.3	13
1212	Consensus statement for stability assessment and reporting for perovskite photovoltaics based on ISOS procedures. <i>Nature Energy</i> , 2020 , 5, 35-49	62.3	369
1211	Block Copolymers Composed of PEO and Polyesteramides Based on Glycolic Acid, L-Valine, and L-Isoleucine. <i>Macromolecules</i> , 2020 , 53, 3580-3590	5.5	5
1210	Synthesis and characterization of hydrogels containing redox-responsive 2,2,6,6-tetramethylpiperidinyloxy methacrylate and thermoresponsive N-isopropylacrylamide. <i>Journal of Polymer Science</i> , 2020 , 58, 1553-1563	2.4	1
1209	Caspofungin Functionalized Polymethacrylates with Antifungal Properties. <i>Biomacromolecules</i> , 2020 , 21, 2104-2115	6.9	7
1208	Aprotic and Protic Ionic Liquids as Electrolytes for Organic Radical Polymers. <i>Journal of the Electrochemical Society</i> , 2020 , 167, 120546	3.9	5
1207	Polymer-based nanoparticles for biomedical applications. <i>Frontiers of Nanoscience</i> , 2020 , 16, 233-252	0.7	2
1206	Cell-Penetrating, Peptide-Based RAFT Agent for Constructing Penetration Enhancers. <i>ACS Macro Letters</i> , 2020 , 9, 260-265	6.6	11
1205	pH-responsive SERS substrates based on AgNP-polyMETAC composites on patterned self-assembled monolayers. <i>Nanotechnology</i> , 2020 , 31, 465604	3.4	3
1204	Revisiting very disperse macromolecule populations in hydrodynamic and light scattering studies of sodium carboxymethyl celluloses. <i>Carbohydrate Polymers</i> , 2020 , 229, 115452	10.3	11

1203	Core-Shell Nanoparticles with a Redox Polymer Core and a Silica Porous Shell as High-Performance Cathode Material for Lithium-Ion Batteries. <i>Energy Technology</i> , 2020 , 8, 1901040	3.5	1
1202	A polyesteramide library from dicarboxylic acids and 2,2?-bis(2-oxazoline): synthesis, characterization, nanoparticle formulation and molecular dynamics simulations. <i>Polymer Chemistry</i> , 2020 , 11, 112-124	4.9	8
1201	Quasi-block copolymer design of quaternized derivatives of poly(2-(dimethylamino)ethyl methacrylate): Investigations on thermo-induced self-assembly. <i>European Polymer Journal</i> , 2020 , 124, 109457	5.2	11
1200	Collision cross-section analysis of self-assembled metallomacrocyclic isomers and isobars via ion mobility mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2020 , 34 Suppl 2, e8717	2.2	3
1199	Polyester Stereocomplexes Beyond PLA: Could Synthetic Opportunities Revolutionize Established Material Blending?. <i>Macromolecular Rapid Communications</i> , 2020 , 41, e1900560	4.8	26
1198	Inkjet-Printing of Supercapacitors. <i>ChemistrySelect</i> , 2020 , 5, 11322-11330	1.8	1
1197	Hard-Sphere Behavior of Soft-Globular-like, Hyperbranched Polyglycerols - Extensive Molecular Hydrodynamic and Light Scattering Studies. <i>Macromolecules</i> , 2020 , 53, 9220-9233	5.5	2
1196	Polymethine Dye-Functionalized Nanoparticles for Targeting CML Stem Cells. <i>Molecular Therapy - Oncolytics</i> , 2020 , 18, 372-381	6.4	2
1195	Polymers for Battery Applications - Active Materials, Membranes, and Binders. <i>Advanced Energy Materials</i> , 2020 , 2001984	21.8	24
1194	Self-Assembly of Copolyesters into Stereocomplex Crystallites Tunes the Properties of Polyester Nanoparticles. <i>Macromolecules</i> , 2020 , 53, 8340-8351	5.5	5
1193	Dual Photo- and pH-Responsive Spirooxazine-Functionalized Dextran Nanoparticles. <i>Biomacromolecules</i> , 2020 , 21, 3620-3630	6.9	4
1192	Microwave-Assisted Synthesis of Core-Shell Nanoparticles - Insights into the Growth of Different Geometries. <i>Particle and Particle Systems Characterization</i> , 2020 , 37, 2000019	3.1	6
1191	Formulation of Liver-Specific PLGA-DY-635 Nanoparticles Loaded with the Protein Kinase C Inhibitor Bisindolylmaleimide I. <i>Pharmaceutics</i> , 2020 , 12,	6.4	5
1190	PLA/PLGA-Based Drug Delivery Systems Produced with Supercritical CO ₂ - A Green Future for Particle Formulation?. <i>Pharmaceutics</i> , 2020 , 12,	6.4	13
1189	Optimized Encapsulation of the FLAP/PGES-1 Inhibitor BRP-187 in PVA-Stabilized PLGA Nanoparticles Using Microfluidics. <i>Polymers</i> , 2020 , 12,	4.5	4
1188	Degradable Poly(2-oxazoline) Analogues from Partially Oxidized Poly(ethylene imine). <i>Macromolecules</i> , 2020 , 53, 10837-10846	5.5	3
1187	Performance and Stability of Organic Solar Cells Bearing Nitrogen Containing Electron Extraction Layers. <i>Energy Technology</i> , 2020 , 8, 2000117	3.5	1
1186	The Next 100 Years of Polymer Science. <i>Macromolecular Chemistry and Physics</i> , 2020 , 221, 2000216	2.6	36

1185	Facile and Reliable Emission-Based Nanomolar Anion Sensing by Luminescent Iridium Receptors Featuring Chelating Halogen-Bonding Sites. <i>Chemistry - A European Journal</i> , 2020 , 26, 14679-14687	4.8	2
1184	Is electron ping-pong limiting the catalytic hydrogen evolution activity in covalent photosensitizer-polyoxometalate dyads?. <i>Chemical Communications</i> , 2020 , 56, 10485-10488	5.8	6
1183	Two-Photon Polymerized Poly(2-Ethyl-2-Oxazoline) Hydrogel 3D Microstructures with Tunable Mechanical Properties for Tissue Engineering. <i>Molecules</i> , 2020 , 25,	4.8	5
1182	Aqueous Redox Flow Battery Suitable for High Temperature Applications Based on a Tailor-Made Ferrocene Copolymer. <i>Advanced Energy Materials</i> , 2020 , 10, 2001825	21.8	20
1181	Automated Polymer Purification Using Dialysis. <i>Polymers</i> , 2020 , 12,	4.5	6
1180	Polymer-Based Batteries-Flexible and Thin Energy Storage Systems. <i>Advanced Materials</i> , 2020 , 32, e2000587	5.7	34
1179	Printable ionic liquid-based gel polymer electrolytes for solid state all-organic batteries. <i>Energy Storage Materials</i> , 2020 , 25, 750-755	19.4	21
1178	Microfabrication of 3D-hydrogels via two-photon polymerization of poly(2-ethyl-2-oxazoline) diacrylates. <i>European Polymer Journal</i> , 2020 , 122, 109295	5.2	12
1177	Mechanical Activation of Terpyridine Metal Complexes in Polymers. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020 , 30, 230-242	3.2	6
1176	Lanthanoids Goes Healing: Lanthanoidic Metallopolymers and Their Scratch Closure Behavior. <i>Polymers</i> , 2020 , 12,	4.5	3
1175	Metal-Terpyridine Complexes in Catalytic Application – A Spotlight on the Last Decade. <i>ChemCatChem</i> , 2020 , 12, 2890-2941	5.2	30
1174	(2,2,6,6-Tetramethylpiperidin-1-yl)oxyl-Containing Zwitterionic Polymer as Catholyte Species for High-Capacity Aqueous Polymer Redox Flow Batteries. <i>Chemistry of Materials</i> , 2019 , 31, 7987-7999	9.6	33
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