Paul A Rupar

List of Publications by Year
in descending order

48 papers	3,481 citations	186265 28 h-index	197818 49 g-index
53 all docs	53 docs citations	53 times ranked	3350 citing authors

#	Article	IF	Citations
1	Anionic Ring-Opening Polymerizations of <i>N</i>-Sulfonylaziridines in Ionic Liquids. Macromolecules, 2022, 55, 623-629.	4.8	9
2	Composite Correlated Molecular Orbital Theory Calculations of Ring Strain for Use in Predicting Polymerization Reactions. ChemPhysChem, 2022, , .	2.1	6
3	Polymerizations of 2-(Trimethylsilyl)ethanesulfonyl-activated aziridines. European Polymer Journal, 2022, 169, 111135.	5.4	7
4	In-Depth Analysis of the Effect of Fragmentation on the Crystallization-Driven Self-Assembly Growth Kinetics of 1D Micelles Studied by Seed Trapping. Polymers, 2021, 13, 3122.	4.5	2
5	Understanding the Dissolution and Regrowth of Core-Crystalline Block Copolymer Micelles: A Scaling Approach. Macromolecules, 2020, 53, 10198-10211.	4.8	11
6	Activated Monomer Polymerization of an <i>N</i>-Sulfonylazetidine. ACS Macro Letters, 2020, 9, 334-338.	4.8	6
7	Comparison of the Anionic Ring-Opening Polymerizations of <i>N</i>-(Alkylsulfonyl)azetidines. Macromolecules, 2019, 52, 8032-8039.	4.8	12
8	Aziridines and azetidines: building blocks for polyamines by anionic and cationic ring-opening polymerization. Polymer Chemistry, 2019, 10, 3257-3283.	3.9	88
9	Effect of Concentration on the Dissolution of One-Dimensional Polymer Crystals: A TEM and NMR Study. Macromolecules, 2019, 52, 208-216.	4.8	17
10	The anionic ring-opening polymerization of<i>N</i>-(methanesulfonyl)azetidine. Polymer Chemistry, 2018, 9, 1618-1625.	3.9	17
11	Polymerizations of Nitrophenylsulfonyl-Activated Aziridines. Macromolecules, 2018, 51, 977-983.	4.8	42
12	Explosive dissolution and trapping of block copolymer seed crystallites. Nature Communications, 2018, 9, 1158.	12.8	39
13	Anionic Ring-Opening Polymerization of <i>N</i>-(tolylsulfonyl)azetidines To Produce Linear Poly(trimethylenimine) and Closed-System Block Copolymers. Journal of the American Chemical Society, 2018, 140, 15626-15630.	13.7	29
14	End-cap Group Engineering of a Small Molecule Non-Fullerene Acceptor: The Influence of Benzothiophene Dioxide. ACS Applied Energy Materials, 2018, 1, 7146-7152.	5.1	12
15	Boranes with Ultra-High Stokes Shift Fluorescence. Organometallics, 2018, 37, 3732-3741.	2.3	40
16	Post-polymerization modification of phosphorus containing conjugated copolymers. European Polymer Journal, 2018, 104, 157-163.	5.4	5
17	Bridged Difurans: Stabilizing Furan with p-Block Elements. Organometallics, 2017, 36, 2565-2572.	2.3	25
18	Frontispiece: Recent Advances in Conjugated Furans. Chemistry - A European Journal, 2017, 23, .	3.3	0

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19	Recent Advances in Conjugated Furans. Chemistry - A European Journal, 2017, 23, 14670-14675.	3.3	61
20	Living Anionic Copolymerization of 1-(Alkylsulfonyl)aziridines to Form Poly(sulfonylaziridine) and Linear Poly(ethylenimine). ACS Macro Letters, 2016, 5, 1137-1140.	4.8	46
21	Substituent Effects on the Properties of Borafluorenes. Organometallics, 2016, 35, 3182-3191.	2.3	58
22	Liquid Crystalline Phase Behavior of Well-Defined Cylindrical Block Copolymer Micelles Using Synchrotron Small-Angle X-ray Scattering. Macromolecules, 2015, 48, 1579-1591.	4.8	27
23	A Poly(9-Borafluorene) Homopolymer: An Electron-Deficient Polyfluorene with â€œTurn-Onâ€• Fluorescence Sensing of NH₃ Vapor. Macromolecular Rapid Communications, 2015, 36, 1336-1340.	3.9	70
24	3D Printed Block Copolymer Nanostructures. Journal of Chemical Education, 2015, 92, 1866-1870.	2.3	28
25	Chemical Methods for the Separation of Copper Oxide Nanoparticles From Colloidal Suspension in Dodecane. Journal of Nanotechnology in Engineering and Medicine, 2014, 5, .	0.8	3
26	Uniform, High Aspect Ratio Fiber-like Micelles and Block Co-micelles with a Crystalline Ï€-Conjugated Polythiophene Core by Self-Seeding. Journal of the American Chemical Society, 2014, 136, 4121-4124.	13.7	181
27	Tailored hierarchical micelle architectures using living crystallization-driven self-assembly in two dimensions. Nature Chemistry, 2014, 6, 893-898.	13.6	329
28	Dimensional Control of Block Copolymer Nanofibers with a Ï€â€Conjugated Core: Crystallizationâ€Driven Solution Selfâ€Assembly of Amphiphilic Poly(3â€hexylthiophene)â€•<i>b</i>â€poly(2â€vinylpyridine). Chemistry - A European Journal, 2013, 19, 9186-9197.	3.3	91
29	Self-Seeding in One Dimension: A Route to Uniform Fiber-like Nanostructures from Block Copolymers with a Crystallizable Core-Forming Block. ACS Nano, 2013, 7, 3754-3766.	14.6	98
30	Modular Synthesis of Polyferrocenylsilane Block Copolymers by Cu-Catalyzed Alkyne/Azide â€œClickâ€• Reactions. Macromolecules, 2013, 46, 1296-1304.	4.8	39
31	XAFS and XEOL of tetramesityldigermene â€“ An electronic structure study of a heavy group 14 ethylene analogue. Journal of Physics: Conference Series, 2013, 430, 012046.	0.4	3
32	Tunable Supermicelle Architectures from the Hierarchical Selfâ€Assembly of Amphiphilic Cylindrical Bâ€“Aâ€“B Triblock Coâ€Micelles. Angewandte Chemie - International Edition, 2012, 51, 11882-11885.	13.8	72
33	Cationic Cryptand Complexes of Tin(II). Inorganic Chemistry, 2012, 51, 7306-7316.	4.0	33
34	Non-Centrosymmetric Cylindrical Micelles by Unidirectional Growth. Science, 2012, 337, 559-562.	12.6	342
35	Functional Block Copolymers: Nanostructured Materials with Emerging Applications. Angewandte Chemie - International Edition, 2012, 51, 7898-7921.	13.8	627
36	Probing the Structure of the Crystalline Core of Field-Aligned, Monodisperse, Cylindrical Polyisoprene-<i>block</i>-Polyferrocenylsilane Micelles in Solution Using Synchrotron Small- and Wide-Angle X-ray Scattering. Journal of the American Chemical Society, 2011, 133, 17056-17062.	13.7	91

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37	Reversible Cross-Linking of Polyisoprene Coronas in Micelles, Block Comicelles, and Hierarchical Micelle Architectures Using Pt(0)â€“Olefin Coordination. Journal of the American Chemical Society, 2011, 133, 16947-16957.	13.7	75
38	On the Bonding in N-Heterocyclic Carbene Complexes of Germanium(II). Organometallics, 2010, 29, 1362-1367.	2.3	60
39	Reactivity Studies of N-Heterocyclic Carbene Complexes of Germanium(II). Organometallics, 2010, 29, 4871-4881.	2.3	40
40	Exploring the limits of 73Ge solid-state NMR spectroscopy at ultrahigh magnetic field. Chemical Communications, 2010, 46, 2817.	4.1	19
41	Ionic nature of Ge(ii)-centered dications: a germanium K-edge X-ray absorption near edge structures study. Chemical Communications, 2010, 46, 7016.	4.1	22
42	Cationic Crown Ether Complexes of Germanium(II). Angewandte Chemie - International Edition, 2009, 48, 5155-5158.	13.8	90
43	A Cryptand-Encapsulated Germanium(II) Dication. Science, 2008, 322, 1360-1363.	12.6	152
44	Synthesis and Structure of N-Heterocyclic Carbene Complexes of Germanium(II). Organometallics, 2008, 27, 5043-5051.	2.3	76
45	The reactivity of an anionic gallium N-heterocyclic carbene analogue with a solution stable digermene. Canadian Journal of Chemistry, 2007, 85, 141-147.	1.1	24
46	Stabilization of a Transient Diorganogermylene by an N-Heterocyclic Carbene. Organometallics, 2007, 26, 4109-4111.	2.3	78
47	On the Synthesis, Structure, and Reactivity of Tetramesityldigermene. Organometallics, 2007, 26, 5569-5575.	2.3	49
48	A Germanium(II)-Centered Dication. Journal of the American Chemical Society, 2007, 129, 15138-15139.	13.7	161