

Paul A Rupar

List of Publications by Year in descending order

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48
papers

3,481
citations

186265

28
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197818

49
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53
all docs

53
docs citations

53
times ranked

3350
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional Block Copolymers: Nanostructured Materials with Emerging Applications. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7898-7921.	13.8	627
2	Non-Centrosymmetric Cylindrical Micelles by Unidirectional Growth. <i>Science</i> , 2012, 337, 559-562.	12.6	342
3	Tailored hierarchical micelle architectures using living crystallization-driven self-assembly in two dimensions. <i>Nature Chemistry</i> , 2014, 6, 893-898.	13.6	329
4	Uniform, High Aspect Ratio Fiber-like Micelles and Block Co-micelles with a Crystalline π -Conjugated Polythiophene Core by Self-Seeding. <i>Journal of the American Chemical Society</i> , 2014, 136, 4121-4124.	13.7	181
5	A Germanium(II)-Centered Dication. <i>Journal of the American Chemical Society</i> , 2007, 129, 15138-15139.	13.7	161
6	A Cryptand-Encapsulated Germanium(II) Dication. <i>Science</i> , 2008, 322, 1360-1363.	12.6	152
7	Self-Seeding in One Dimension: A Route to Uniform Fiber-like Nanostructures from Block Copolymers with a Crystallizable Core-Forming Block. <i>ACS Nano</i> , 2013, 7, 3754-3766.	14.6	98
8	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. <i>Journal of the American Chemical Society</i> , 2011, 133, 17056-17062.	13.7	91
9	Dimensional Control of Block Copolymer Nanofibers with a π -Conjugated Core: Crystallization-Driven Solution Self-Assembly of Amphiphilic Poly(3-hexylthiophene)- <i>block</i> -poly(2-vinylpyridine). <i>Chemistry - A European Journal</i> , 2013, 19, 9186-9197.	13.3	91
10	Cationic Crown Ether Complexes of Germanium(II). <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5155-5158.	13.8	90
11	Aziridines and azetidines: building blocks for polyamines by anionic and cationic ring-opening polymerization. <i>Polymer Chemistry</i> , 2019, 10, 3257-3283.	3.9	88
12	Stabilization of a Transient Diorganogermylene by an N-Heterocyclic Carbene. <i>Organometallics</i> , 2007, 26, 4109-4111.	2.3	78
13	Synthesis and Structure of N-Heterocyclic Carbene Complexes of Germanium(II). <i>Organometallics</i> , 2008, 27, 5043-5051.	2.3	76
14	Reversible Cross-Linking of Polyisoprene Coronas in Micelles, Block Comicelles, and Hierarchical Micelle Architectures Using Pt(0)-Olefin Coordination. <i>Journal of the American Chemical Society</i> , 2011, 133, 16947-16957.	13.7	75
15	Tunable Supermicelle Architectures from the Hierarchical Self-Assembly of Amphiphilic Cylindrical A-B Triblock Co-Micelles. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 11882-11885.	13.8	72
16	A Poly(9-Boraffluorene) Homopolymer: An Electron-Deficient Polyfluorene with Turn-On Fluorescence Sensing of NH ₃ Vapor. <i>Macromolecular Rapid Communications</i> , 2015, 36, 1336-1340.	3.9	70
17	Recent Advances in Conjugated Furans. <i>Chemistry - A European Journal</i> , 2017, 23, 14670-14675.	3.3	61
18	On the Bonding in N-Heterocyclic Carbene Complexes of Germanium(II). <i>Organometallics</i> , 2010, 29, 1362-1367.	2.3	60

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19	Substituent Effects on the Properties of Borafluorenes. <i>Organometallics</i> , 2016, 35, 3182-3191.	2.3	58
20	On the Synthesis, Structure, and Reactivity of Tetramesityldigermene. <i>Organometallics</i> , 2007, 26, 5569-5575.	2.3	49
21	Living Anionic Copolymerization of 1-(Alkylsulfonyl)aziridines to Form Poly(sulfonylaziridine) and Linear Poly(ethylenimine). <i>ACS Macro Letters</i> , 2016, 5, 1137-1140.	4.8	46
22	Polymerizations of Nitrophenylsulfonyl-Activated Aziridines. <i>Macromolecules</i> , 2018, 51, 977-983.	4.8	42
23	Reactivity Studies of N-Heterocyclic Carbene Complexes of Germanium(II). <i>Organometallics</i> , 2010, 29, 4871-4881.	2.3	40
24	Boranes with Ultra-High Stokes Shift Fluorescence. <i>Organometallics</i> , 2018, 37, 3732-3741.	2.3	40
25	Modular Synthesis of Polyferrocenylsilane Block Copolymers by Cu-Catalyzed Alkyne/Azide "Click" Reactions. <i>Macromolecules</i> , 2013, 46, 1296-1304.	4.8	39
26	Explosive dissolution and trapping of block copolymer seed crystallites. <i>Nature Communications</i> , 2018, 9, 1158.	12.8	39
27	Cationic Cryptand Complexes of Tin(II). <i>Inorganic Chemistry</i> , 2012, 51, 7306-7316.	4.0	33
28	Anionic Ring-Opening Polymerization of <i>N</i> -(tolylsulfonyl)azetidines To Produce Linear Poly(trimethylenimine) and Closed-System Block Copolymers. <i>Journal of the American Chemical Society</i> , 2018, 140, 15626-15630.	13.7	29
29	3D Printed Block Copolymer Nanostructures. <i>Journal of Chemical Education</i> , 2015, 92, 1866-1870.	2.3	28
30	Liquid Crystalline Phase Behavior of Well-Defined Cylindrical Block Copolymer Micelles Using Synchrotron Small-Angle X-ray Scattering. <i>Macromolecules</i> , 2015, 48, 1579-1591.	4.8	27
31	Bridged Difurans: Stabilizing Furan with <i>p</i> -Block Elements. <i>Organometallics</i> , 2017, 36, 2565-2572.	2.3	25
32	The reactivity of an anionic gallium N-heterocyclic carbene analogue with a solution stable digermene. <i>Canadian Journal of Chemistry</i> , 2007, 85, 141-147.	1.1	24
33	Ionic nature of Ge(II)-centered dications: a germanium K-edge X-ray absorption near edge structures study. <i>Chemical Communications</i> , 2010, 46, 7016.	4.1	22
34	Exploring the limits of ⁷³ Ge solid-state NMR spectroscopy at ultrahigh magnetic field. <i>Chemical Communications</i> , 2010, 46, 2817.	4.1	19
35	The anionic ring-opening polymerization of <i>N</i> -(methanesulfonyl)azetidines. <i>Polymer Chemistry</i> , 2018, 9, 1618-1625.	3.9	17
36	Effect of Concentration on the Dissolution of One-Dimensional Polymer Crystals: A TEM and NMR Study. <i>Macromolecules</i> , 2019, 52, 208-216.	4.8	17

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37	End-cap Group Engineering of a Small Molecule Non-Fullerene Acceptor: The Influence of Benzothiophene Dioxide. <i>ACS Applied Energy Materials</i> , 2018, 1, 7146-7152.	5.1	12
38	Comparison of the Anionic Ring-Opening Polymerizations of <i>N</i> -(Alkylsulfonyl)azetidines. <i>Macromolecules</i> , 2019, 52, 8032-8039.	4.8	12
39	Understanding the Dissolution and Regrowth of Core-Crystalline Block Copolymer Micelles: A Scaling Approach. <i>Macromolecules</i> , 2020, 53, 10198-10211.	4.8	11
40	Anionic Ring-Opening Polymerizations of <i>N</i> -Sulfonylaziridines in Ionic Liquids. <i>Macromolecules</i> , 2022, 55, 623-629.	4.8	9
41	Polymerizations of 2-(Trimethylsilyl)ethanesulfonyl-activated aziridines. <i>European Polymer Journal</i> , 2022, 169, 111135.	5.4	7
42	Activated Monomer Polymerization of an <i>N</i> -Sulfonylazetidine. <i>ACS Macro Letters</i> , 2020, 9, 334-338.	4.8	6
43	Composite Correlated Molecular Orbital Theory Calculations of Ring Strain for Use in Predicting Polymerization Reactions. <i>ChemPhysChem</i> , 2022, , .	2.1	6
44	Post-polymerization modification of phosphorus containing conjugated copolymers. <i>European Polymer Journal</i> , 2018, 104, 157-163.	5.4	5
45	XAFS and XEOL of tetramesityldigermene $\hat{\epsilon}^{\epsilon}$ An electronic structure study of a heavy group 14 ethylene analogue. <i>Journal of Physics: Conference Series</i> , 2013, 430, 012046.	0.4	3
46	Chemical Methods for the Separation of Copper Oxide Nanoparticles From Colloidal Suspension in Dodecane. <i>Journal of Nanotechnology in Engineering and Medicine</i> , 2014, 5, .	0.8	3
47	In-Depth Analysis of the Effect of Fragmentation on the Crystallization-Driven Self-Assembly Growth Kinetics of 1D Micelles Studied by Seed Trapping. <i>Polymers</i> , 2021, 13, 3122.	4.5	2
48	Frontispiece: Recent Advances in Conjugated Furans. <i>Chemistry - A European Journal</i> , 2017, 23, .	3.3	0