

# Georg M Scheutz

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

1,246  
citations

623734

14  
h-index

713466

21  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1349  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptable Crosslinks in Polymeric Materials: Resolving the Intersection of Thermoplastics and Thermosets. <i>Journal of the American Chemical Society</i> , 2019, 141, 16181-16196.	13.7	514
2	Block Copolymer Vitrimers. <i>Journal of the American Chemical Society</i> , 2020, 142, 283-289.	13.7	172
3	Color-Coding Visible Light Polymerizations To Elucidate the Activation of Trithiocarbonates Using Eosin Y. <i>Macromolecules</i> , 2018, 51, 1370-1376.	4.8	126
4	Catalyst-Free Photoinduced End-Group Removal of Thiocarbonylthio Functionality. <i>ACS Macro Letters</i> , 2017, 6, 185-189.	4.8	62
5	Polystyrene-Based Vitrimers: Inexpensive and Recyclable Thermosets. <i>ACS Applied Polymer Materials</i> , 2020, 2, 3044-3048.	4.4	50
6	Proapoptotic Peptide Brush Polymer Nanoparticles via Photoinitiated Polymerization-Induced Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 19136-19142.	13.8	49
7	Externally Triggered Heat and Drug Release from Magnetically Controlled Nanocarriers. <i>ACS Applied Polymer Materials</i> , 2019, 1, 211-220.	4.4	47
8	Harnessing Strained Disulfides for Photocurable Adaptable Hydrogels. <i>Macromolecules</i> , 2020, 53, 4038-4046.	4.8	41
9	Probing Thermoresponsive Polymerization-Induced Self-Assembly with Variable-Temperature Liquid-Cell Transmission Electron Microscopy. <i>Matter</i> , 2021, 4, 722-736.	10.0	33
10	<i>In situ</i> monitoring of PISA morphologies. <i>Polymer Chemistry</i> , 2021, 12, 3947-3952.	3.9	26
11	Hybrid Block Copolymer Synthesis by Merging Photoiniferter and Organocatalytic Ring-Opening Polymerizations. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 18537-18541.	13.8	26
12	Macromolecular Photocatalyst for Synthesis and Purification of Protein-Polymer Conjugates. <i>Macromolecules</i> , 2021, 54, 4880-4888.	4.8	19
13	Theranostic nanocarriers combining high drug loading and magnetic particle imaging. <i>International Journal of Pharmaceutics</i> , 2019, 572, 118796.	5.2	18
14	Self-catalyzing photoredox polymerization for recyclable polymer catalysts. <i>Polymer Chemistry</i> , 2021, 12, 2205-2209.	3.9	18
15	Proapoptotic Peptide Brush Polymer Nanoparticles via Photoinitiated Polymerization-Induced Self-Assembly. <i>Angewandte Chemie</i> , 2020, 132, 19298-19304.	2.0	10
16	Glass-transition temperature governs the thermal decrosslinking behavior of Diels-Alder crosslinked polymethacrylate networks. <i>Journal of Polymer Science</i> , 2020, 58, 193-203.	3.8	8
17	Synthesis of functional 1,2-dithiolanes from 1,3-bis-tert-butyl thioethers. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 6509-6513.	2.8	8
18	Mediating covalent crosslinking of single-chain nanoparticles through solvophobicity in organic solvents. <i>Polymer Chemistry</i> , 2021, 12, 4462-4466.	3.9	8

#	ARTICLE	IF	CITATIONS
19	Synthesis of Multifunctional Homopolymers through Using Thiazolidine Chemistry and Postâ€Polymerization Modification. <i>Macromolecular Rapid Communications</i> , 2019, 40, 1800590.	3.9	6
20	Hybrid Block Copolymer Synthesis by Merging Photoiniferter and Organocatalytic Ringâ€Opening Polymerizations. <i>Angewandte Chemie</i> , 2021, 133, 18685-18689.	2.0	2
21	Synthesis of poly(1â€vinylimidazole)â€block</i>â€poly(9â€vinylcarbazole) copolymers via <sc>RAFT</sc> and their use in chemically responsive graphitic composites. <i>Journal of Polymer Science</i> , 2022, 60, 674-687.	3.8	2
22	Glassâ€transition temperature governs the thermal decrosslinking behavior of Dielsâ€Alder crosslinked polymethacrylate networks. <i>Journal of Polymer Science</i> , 2020, 58, 193-203.	3.8	1