

Guilhem X De Hoe

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,133
citations

759233

12
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

1335
citing authors

#	ARTICLE	IF	CITATIONS
1	Approaches to Sustainable and Continually Recyclable Cross-Linked Polymers. ACS Sustainable Chemistry and Engineering, 2018, 6, 11145-11159.	6.7	348
2	Reprocessable Acid-Degradable Polycarbonate Vitrimers. Macromolecules, 2018, 51, 389-397.	4.8	273
3	Sustainable Polyester Elastomers from Lactones: Synthesis, Properties, and Enzymatic Hydrolyzability. Journal of the American Chemical Society, 2018, 140, 963-973.	13.7	102
4	Mechanistic Study of Stress Relaxation in Urethane-Containing Polymer Networks. Journal of Physical Chemistry B, 2019, 123, 1432-1441.	2.6	102
5	Renewable, Degradable, and Chemically Recyclable Cross-Linked Elastomers. Industrial & Engineering Chemistry Research, 2016, 55, 11097-11106.	3.7	70
6	Mechanically robust and reprocessable imine exchange networks from modular polyester pre-polymers. Polymer Chemistry, 2020, 11, 5346-5355.	3.9	48
7	Photochemical Transformation of Poly(butylene adipate- <i>co</i> -terephthalate) and Its Effects on Enzymatic Hydrolyzability. Environmental Science & Technology, 2019, 53, 2472-2481.	10.0	45
8	Advanced Materials for Energy-Water Systems: The Central Role of Water/Solid Interfaces in Adsorption, Reactivity, and Transport. Chemical Reviews, 2021, 121, 9450-9501.	47.7	43
9	Thiol-ene Networks from Sequence-Defined Polyurethane Macromers. Journal of the American Chemical Society, 2020, 142, 6729-6736.	13.7	35
10	Expanding the structural diversity of polyelectrolyte complexes and polyzwitterions. Current Opinion in Solid State and Materials Science, 2021, 25, 100897.	11.5	25
11	4-Carboalkoxylated Polyvalerolactones from Malic Acid: Tough and Degradable Polyesters. Macromolecules, 2020, 53, 3194-3201.	4.8	17
12	Respirometry and Cell Viability Studies for Sustainable Polyesters and Their Hydrolysis Products. ACS Sustainable Chemistry and Engineering, 2021, 9, 2736-2744.	6.7	12
13	Processable epoxy-telechelic polyalkenamers and polyolefins for photocurable elastomers. Polymer Chemistry, 2020, 11, 712-720.	3.9	8
14	Site-Specific Mineralization of a Polyester Hydrolysis Product in Natural Soil. ACS Sustainable Chemistry and Engineering, 2022, 10, 1373-1378.	6.7	3
15	Probing Diffuse Polymer Brush Interfaces Using Resonant Soft X-ray Scattering. Synchrotron Radiation News, 2020, 33, 24-30.	0.8	2