

Marvin D Alim

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

354
citations

1478505

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1474206

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13
all docs

13
docs citations

13
times ranked

448
citing authors

#	ARTICLE	IF	CITATIONS
1	Systematic Modulation and Structure-Property Relationships in Photopolymerizable Thermoplastics. ACS Applied Polymer Materials, 2021, 3, 1171-1181.	4.4	4
2	Additive manufacture of lightly crosslinked semicrystalline thiolenes for enhanced mechanical performance. Polymer Chemistry, 2020, 11, 39-46.	3.9	26
3	A photopolymerizable thermoplastic with tunable mechanical performance. Materials Horizons, 2020, 7, 835-842.	12.2	27
4	Realizing High Refractive Index Thiol-X Materials: A General and Scalable Synthetic Approach. , 2019, 1, 582-588.		21
5	Reflection suppression via elastomeric films. Optics Letters, 2019, 44, 6021.	3.3	2
6	High efficiency Fresnel lens design and fabrication in a two-stage photopolymer. Optics Letters, 2019, 44, 1540.	3.3	5
7	High efficiency diffractive optical element design and fabrication in a two-stage photopolymer. , 2019, , .		0
8	Two-stage holographic photopolymers with high dynamic range. , 2019, , .		0
9	High-efficiency Fresnel lens design and fabrication in a two-stage photopolymer. , 2019, , .		0
10	High Dynamic Range (\hat{I}^n) Two-Stage Photopolymers via Enhanced Solubility of a High Refractive Index Acrylate Writing Monomer. ACS Applied Materials & Interfaces, 2018, 10, 1217-1224.	8.0	39
11	Recyclable and repolymerizable thiol-X photopolymers. Materials Horizons, 2018, 5, 1042-1046.	12.2	56
12	A readily programmable, fully reversible shape-switching material. Science Advances, 2018, 4, eaat4634.	10.3	146
13	Mechanistic Kinetic Modeling of Thiol-Michael Addition Photopolymerizations via Photocaged α -Superbase-Generators: An Analytical Approach. Macromolecules, 2016, 49, 8061-8074.	4.8	28