

# Marvin D Alim

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2386498/publications.pdf>

Version: 2024-02-01

13  
papers

354  
citations

1478505

6  
h-index

1474206

9  
g-index

13  
all docs

13  
docs citations

13  
times ranked

448  
citing authors

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