

Mathias Fleisch

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Asymmetric chiral and antichiral mechanical metamaterials with tunable Poisson's ratio. <i>APL Materials</i> , 2022, 10, .	5.1	9
2	Spatially controlling the mechanical properties of 3D printed objects by dual-wavelength vat photopolymerization. <i>Additive Manufacturing</i> , 2022, 57, 102977.	3.0	13
3	Digital light processing 3D printing with thiol-acrylate vitrimers. <i>Polymer Chemistry</i> , 2021, 12, 639-644.	3.9	53
4	Locally controlling dynamic exchange reactions in 3D printed thiol-acrylate vitrimers using dual-wavelength digital light processing. <i>Polymer Chemistry</i> , 2021, 12, 3077-3083.	3.9	27
5	High resolution additive manufacturing with acrylate based vitrimers using organic phosphates as transesterification catalyst. <i>Polymer</i> , 2021, 221, 123631.	3.8	37
6	Electrically Tuneable Optical Diffraction Gratings Based on a Polymer Scaffold Filled with a Nematic Liquid Crystal. <i>Polymers</i> , 2021, 13, 2292.	4.5	2
7	Functional mechanical metamaterial with independently tunable stiffness in the three spatial directions. <i>Materials Today Advances</i> , 2021, 11, 100155.	5.2	12
8	Laser-written polymeric scaffolds for micro-patterned liquid crystal alignment. <i>Liquid Crystals</i> , 2019, 46, 2075-2084.	2.2	8
9	Magnetically tunable optical diffraction gratings based on a ferromagnetic liquid crystal. <i>Optics Express</i> , 2019, 27, 8900.	3.4	12