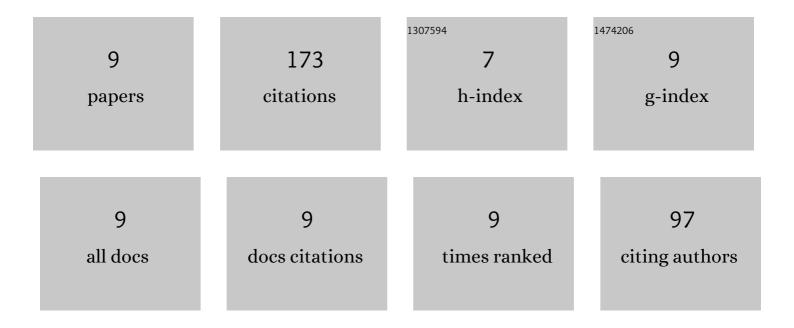
## Mathias Fleisch

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9873106/publications.pdf Version: 2024-02-01



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