Michael Drass

List of Publications by Year
in descending order

12	142	1307594 7	1199594 12
papers	citations	h-index	g-index

13	13	13	61
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	SoundLab AI-Machine learning for sound insulation value predictions of various glass assemblies. Glass Structures and Engineering, 2022, 7, 101-118.	1.7	4
2	Semantic segmentation with deep learning: detection of cracks at the cut edge of glass. Glass Structures and Engineering, 2021, 6, 21-37.	1.7	4
3	Pseudo-elastic cavitation modelâ€”part II: extension to cyclic behavior of transparent silicone adhesives. Glass Structures and Engineering, 2020, 5, 67-82.	1.7	12
4	Double ring bending tests on heat pretreated sodaâ€“lime silicate glass. Glass Structures and Engineering, 2020, 5, 429-443.	1.7	2
5	Dimensioning of silicone adhesive joints: Eurocode-compliant, mesh-independent approach using the FEM. Glass Structures and Engineering, 2020, 5, 349-369.	1.7	4
6	Pseudo-elastic cavitation model: part Iâ€”finite element analyses on thin silicone adhesives in faÃ§ades. Glass Structures and Engineering, 2020, 5, 41-65.	1.7	11
7	Stress whitening effects in transparent structural silicone adhesives. Glass Structures and Engineering, 2019, 4, 433-448.	1.7	5
8	Equivalent strain failure criterion for multiaxially loaded incompressible hyperelastic elastomers. International Journal of Solids and Structures, 2019, 166, 32-46.	2.7	29
9	On cavitation in transparent structural silicone adhesive: TSSA. Glass Structures and Engineering, 2018, 3, 237-256.	1.7	14
10	Adhesive connections in glass structuresâ€”part I: experiments and analytics on thin structural silicone. Glass Structures and Engineering, 2018, 3, 39-54.	1.7	27
11	Adhesive connections in glass structuresâ€”part II: material parameter identification on thin structural silicone. Glass Structures and Engineering, 2018, 3, 55-74.	1.7	18
12	Damage effects of adhesives in modern glass faÃ§ades: a micro-mechanically motivated volumetric damage model for poro-hyperelastic materials. International Journal of Mechanics and Materials in Design, 2018, 14, 591-616.	3.0	12