

# Michael Drass

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/244458/publications.pdf>

Version: 2024-02-01

12  
papers

142  
citations

1307594

7  
h-index

1199594

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

61  
citing authors

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