

# Iva Petrů-ková;

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

254  
citations

1307594

7  
h-index

1372567

10  
g-index

13  
all docs

13  
docs citations

13  
times ranked

252  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of loading rate, applied shear strain, and magnetic field on stress relaxation behavior of anisotropic magnetorheological elastomer. <i>Mechanics of Advanced Materials and Structures</i> , 2022, 29, 2984-2998.	2.6	7
2	A Study on Stress Relaxation Behavior of Isotropic Magnetorheological Elastomeric Composite. <i>Mechanisms and Machine Science</i> , 2022, , 163-172.	0.5	0
3	Experimental and numerical research of stress relaxation behavior of magnetorheological elastomer. <i>Polymer Testing</i> , 2021, 93, 106886.	4.8	21
4	Self-heating and dynamic mechanical behavior of silicone rubber composite filled with carbonyl iron particles under cyclic compressive loading. <i>Journal of Composite Materials</i> , 2021, 55, 4273-4292.	2.4	3
5	Experimental characterization and viscoelastic modeling of isotropic and anisotropic magnetorheological elastomers. <i>Polymer Testing</i> , 2020, 81, 106272.	4.8	59
6	Thermal behavior of flax and jute reinforced in matrix acrylic composite. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 131, 1035-1040.	3.6	20
7	Thermal Characterization of Metakaolin-Based Geopolymer. <i>Jom</i> , 2017, 69, 2480-2484.	1.9	21
8	Impact and post impact behavior of fabric reinforced geopolymer composite. <i>Construction and Building Materials</i> , 2016, 127, 111-124.	7.2	32
9	Improved Mechanical Properties of Various Fabric-Reinforced Geocomposite at Elevated Temperature. <i>Jom</i> , 2015, 67, 1478-1485.	1.9	31
10	Correlation of microstructure and mechanical properties of various fabric reinforced geo-polymer composites after exposure to elevated temperature. <i>Ceramics International</i> , 2015, 41, 12115-12129.	4.8	46
11	Low Velocity Impact on Fiber Reinforced Geocomposites. <i>Applied Mechanics and Materials</i> , 0, 827, 145-148.	0.2	12
12	Mechanical Properties of Composites with Geopolymer Matrices Reinforced by Basalt Fabric. <i>Applied Mechanics and Materials</i> , 0, 889, 289-293.	0.2	0