

Ahmed Mostafa

List of Publications by Year in descending order

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21
papers

479
citations

840776

11
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839539

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22
all docs

22
docs citations

22
times ranked

435
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of carbon black loading on the swelling and compression set behavior of SBR and NBR rubber compounds. <i>Materials & Design</i> , 2009, 30, 1561-1568.	5.1	116
2	The influence of CB loading on thermal aging resistance of SBR and NBR rubber compounds under different aging temperature. <i>Materials & Design</i> , 2009, 30, 791-795.	5.1	62
3	Insight into the shear behaviour of composite sandwich panels with foam core. <i>Materials & Design</i> , 2013, 50, 92-101.	5.1	50
4	Insight into the effect of CB loading on tension, compression, hardness and abrasion properties of SBR and NBR filled compounds. <i>Materials & Design</i> , 2009, 30, 1785-1791.	5.1	44
5	Experimental, Theoretical and Numerical Investigation of the Flexural Behaviour of the Composite Sandwich Panels with PVC Foam Core. <i>Applied Composite Materials</i> , 2014, 21, 661-675.	2.5	34
6	Effect of shear keys diameter on the shear performance of composite sandwich panel with PVC and PU foam core: FE study. <i>Composite Structures</i> , 2013, 102, 90-100.	5.8	28
7	Behaviour of PU-foam/glass-fibre composite sandwich panels under flexural static load. <i>Materials and Structures/Materiaux Et Constructions</i> , 2015, 48, 1545-1559.	3.1	25
8	On the influence of CB loading on the creep and relaxation behavior of SBR and NBR rubber vulcanizates. <i>Materials & Design</i> , 2009, 30, 2721-2725.	5.1	21
9	Rubber-Filler Interactions and Its Effect in Rheological and Mechanical Properties of Filled Compounds. <i>Journal of Testing and Evaluation</i> , 2010, 38, 347-359.	0.7	20
10	Experimental Study on the Confinement of Concrete Cylinders with Large Rupture-Strain FRP Composites. <i>Journal of Composites for Construction</i> , 2021, 25, .	3.2	15
11	Monitoring the curing process of in-situ concrete with piezoelectric-based techniques – A practical application. <i>Structural Health Monitoring</i> , 2023, 22, 518-539.	7.5	14
12	Influence of shear keys orientation on the shear performance of composite sandwich panel with PVC foam core: Numerical study. <i>Materials & Design</i> , 2013, 51, 1008-1017.	5.1	12
13	Numerical analysis on the effect of shear keys pitch on the shear performance of foamed sandwich panels. <i>Engineering Structures</i> , 2015, 101, 216-232.	5.3	10
14	In-plane shear behaviour of composite sandwich panel incorporated with shear keys methodology at different orientations: finite element study. <i>Journal of Composite Materials</i> , 2014, 48, 2945-2959.	2.4	9
15	Experimental and numerical investigation on enhancing the structural integrity of composite sandwich structure. <i>Advances in Structural Engineering</i> , 2019, 22, 2149-2162.	2.4	9
16	Independent analytical technique for analysis of the flexural behaviour of the composite sandwich panels incorporated with shear keys concept. <i>Materials and Structures/Materiaux Et Constructions</i> , 2015, 48, 2455-2474.	3.1	5
17	Concrete Columns Confined with Large Rupture Strain Composites: An Emerging Field. <i>Lecture Notes in Civil Engineering</i> , 2020, , 277-285.	0.4	3
18	Investigation on Effect of the Pitch of Shear Keys on the In-Plane Shear Performance of Sandwich Panels with PU Foam Core: FE Study. <i>Applied Mechanics and Materials</i> , 2013, 376, 158-162.	0.2	1

#	ARTICLE	IF	CITATIONS
19	Computational Approches for Ballistic Impact Response of Stainless Steel 304. Materials Science Forum, 0, 1020, 49-54.	0.3	1
20	In-Plane Shear Damage Prediction of Composite Sandwich Panel with Foam Core. Applied Mechanics and Materials, 2013, 376, 69-73.	0.2	0
21	Finite Element Study on the Influence of Shear Key Diameter on the Shear Performance of Composite Sandwich Panel with PU Foam Core. Applied Mechanics and Materials, 0, 376, 103-107.	0.2	0