Guenfoud Mohamed

List of Publications by Year
in descending order

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25 papers	214 citations	1307594 7 h-index	1058476 14 g-index
26 all docs	26 docs citations	26 times ranked	165 citing authors

#	Article	IF	Citations
1	Engineering properties of loess in Algeria. Engineering Geology, 2008, 99, 85-90.	6.3	76
2	A new rectangular finite element based on the strain approach for plate bending. Thin-Walled Structures, 2005, 43, 47-63.	5.3	37
3	Collapse of concrete columns during and after the cooling phase of a fire. Journal of Fire Protection Engineering, 2011, 21, 245-263.	0.8	25
4	Effect of Recycled Asphalt Aggregates on the Rutting of Bituminous Concrete in the Presence of Additive. Arabian Journal for Science and Engineering, 2016, 41, 4139-4145.	1.1	11
5	Punching behavior of strengthened and repaired RC slabs with CFRP. Construction and Building Materials, 2018, 170, 272-278.	7.2	10
6	Numerical modelling of a Timoshenko FGM beam using the finite element method. International Journal of Structural Engineering, 2016, 7, 239.	0.4	9
7	Experimental study of double-panel confined masonry walls under lateral loading. Journal of Building Engineering, 2018, 20, 531-543.	3.4	9
8	Bending triangular finite element with a fictitious fourth node based on the strain approach. European Journal of Computational Mechanics, 2011, 20, 455-485.	0.6	5
9	Mixed finite element for modelling interfaces. European Journal of Computational Mechanics, 2009, 18, 155-175.	0.6	4
10	A Finite Element Based on the Strain Approach Using Airyâ€™s Function. Arabian Journal for Science and Engineering, 2015, 40, 719-733.	1.1	4
11	A consistent triangular thin flat shell finite element with drilling rotation based on the strain approach. International Journal of Structural Engineering, 2018, 9, 191.	0.4	4
12	Numerical modelling of the damaging behaviour of the reinforced concrete structures by multi-layers beams elements. Computers and Concrete, 2015, 15, 547-562.	0.7	4
13	A new finite element based on the strain approach with transverse shear effect. Structural Engineering and Mechanics, 2014, 49, 793-810.	1.0	4
14	Contribution to the Numerical Modelling of the Spalling Phenomenon: Case of a Reinforced Concrete Beams. Arabian Journal for Science and Engineering, 2018, 43, 1747-1759.	3.0	3
15	A higher order triangular plate finite element using Airy functions. Advances in Mechanical Engineering, 2020, 12, 168781402097190.	1.6	3
16	Energy release rate for kinking crack using mixed finite element. Structural Engineering and Mechanics, 2014, 50, 665-677.	1.0	2
17	Stacking layer sequence effects for glass fibre/epoxy resin cross-ply laminates. Strength of Materials, 2007, 39, 320-330.	0.5	1
18	Application du critÃ¨re de Hill dans la modÃ©lisation par Ã©lÃ©ments finis des glissements de terrain de la rÃ©gion de Constantine (AlgÃ©rie). European Journal of Environmental and Civil Engineering, 2008, 12, 747-769.	2.1	1

#	Article	IF	Citations
19	Experimental behaviour of high-strength concrete columns in fire. Magazine of Concrete Research, 2005, 57, 283-287.	2.0	1
20	Characterisation of the chemo-mechanical behaviour of clays polluted by BTEX: a case study of benzene. International Journal of Geo-Engineering, 2021, 12, .	2.1	1
21	Influence du nombre de vehicules d'un convoi sur le comportement dynamique pont-convoi. Mecanique Et Industries, 2004, 5, 71-79.	0.2	0
22	Search of the Optimal Position of Sails. MATEC Web of Conferences, 2018, 149, 02010.	0.2	0
23	Damage of Glulam Beams Under Cyclic Torsion: Experiments and Modelling. , 2009, , 349-356.		0
24	Vibration analysis of laminated composite plates with and without square holes under compressive loads. Revue Des Composites Et Des Materiaux Avances, 2013, 23, 273-283.	0.6	0
25	Search of the Optimal Position of Sails. MATEC Web of Conferences, 2018, 149, 02010.	0.2	0