

Ece Erdogmus

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

568
citations

687363

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41
all docs

41
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41
times ranked

298
citing authors

#	ARTICLE	IF	CITATIONS
1	Compression, Tension, and Fracture Energy Properties of Compressed Cement-Stabilized Earth Blocks. <i>Journal of Architectural Engineering</i> , 2022, 28, .	1.6	6
2	Effects of spatial variability and correlation in stochastic discontinuum analysis of unreinforced masonry walls. <i>Construction and Building Materials</i> , 2022, 337, 127511.	7.2	14
3	Numerical modeling of the tension stiffening in reinforced concrete members via discontinuum models. <i>Computational Particle Mechanics</i> , 2021, 8, 423-436.	3.0	9
4	Advanced analysis of masonry retaining walls using mixed discrete-continuum approach. <i>Proceedings of the Institution of Civil Engineers: Geotechnical Engineering</i> , 2021, 174, 302-314.	1.6	12
5	Early Detection of Honeycombs in Concrete Pavement Using GPR. <i>Journal of Performance of Constructed Facilities</i> , 2021, 35, .	2.0	7
6	Quasi-Static Nonlinear Seismic Assessment of a Fourth Century A.D. Roman Aqueduct in Istanbul, Turkey. <i>Heritage</i> , 2021, 4, 401-421.	1.9	39
7	Evaluation of the Dynamic Behavior of Steel Staircases with Concrete-Filled Pan Treads. <i>Journal of Architectural Engineering</i> , 2021, 27, 04021010.	1.6	1
8	Stochastic discontinuum analysis of unreinforced masonry walls: Lateral capacity and performance assessments. <i>Engineering Structures</i> , 2021, 238, 112175.	5.3	24
9	Discrete Rigid Block Analysis to Assess Settlement Induced Damage in Unreinforced Masonry Façades. <i>CivilEng</i> , 2021, 2, 541-555.	1.4	2
10	In-plane structural performance of dry-joint stone masonry Walls: A spatial and non-spatial stochastic discontinuum analysis. <i>Engineering Structures</i> , 2021, 242, 112620.	5.3	22
11	Study of the effect of construction techniques on the seismic capacity of ancient dry-joint masonry towers through DEM. <i>European Journal of Environmental and Civil Engineering</i> , 2020, , 1-18.	2.1	24
12	Simulation of the in-plane structural behavior of unreinforced masonry walls and buildings using DEM. <i>Structures</i> , 2020, 27, 2274-2287.	3.6	67
13	Tensile Fracture Mechanism of Masonry Wallettes Parallel to Bed Joints: A Stochastic Discontinuum Analysis. <i>Modelling</i> , 2020, 1, 78-93.	1.4	16
14	A Novel Structural Health Monitoring Method for Reinforced Concrete Bridge Decks Using Ultrasonic Guided Waves. <i>Infrastructures</i> , 2020, 5, 49.	2.8	7
15	Discontinuum analysis of the fracture mechanism in masonry prisms and wallettes via discrete element method. <i>Meccanica</i> , 2020, 55, 505-523.	2.0	38
16	Simulation of uniaxial tensile behavior of quasi-brittle materials using softening contact models in DEM. <i>International Journal of Fracture</i> , 2019, 217, 105-125.	2.2	45
17	Tornado-Resistant Residential Design Using Experimentally Obtained Characteristic Strength Values for Cement-Stabilized Earthen Masonry. <i>Journal of Architectural Engineering</i> , 2019, 25, .	1.6	4
18	Comparison of in-plane and out-of-plane failure modes of masonry arch bridges using discontinuum analysis. <i>Engineering Structures</i> , 2019, 178, 24-36.	5.3	57

#	ARTICLE	IF	CITATIONS
19	Simulation of Masonry Arch Bridges Using 3D Discrete Element Modeling. RILEM Bookseries, 2019, , 871-880.	0.4	9
20	In-Plane Static Response of Dry-Joint Masonry Arch-Pier Structures. , 2019, , .		16
21	Discrete-continuum approach to assess 3D failure modes of masonry arch bridges. IABSE Symposium Report, 2019, , .	0.0	2
22	Parametric Study on Masonry Arches Using 2D Discrete-Element Modeling. Journal of Architectural Engineering, 2018, 24, .	1.6	22
23	Use of Fiber-Reinforced Cements in Masonry Construction and Structural Rehabilitation. Fibers, 2015, 3, 41-63.	4.0	35
24	Horizontal Support Displacement of a Thin-Tile Masonry Dome: Experiments and Analysis. Journal of Performance of Constructed Facilities, 2015, 29, .	2.0	6
25	Design of Compressed Stabilized Earthen Wall Systems for High-Wind Resistant Residential Unit Construction. , 2015, , .		1
26	The Temple of Antioch: A Study Abroad Internship for Architectural Engineering Students. , 2011, , .		0
27	Strengthening Two-Way Reinforced Concrete Floor Slabs Using Polypropylene Fiber Reinforcement. Journal of Materials in Civil Engineering, 2011, 23, 562-571.	2.9	17
28	Seismic Investigation for the Temple of Antioch Reconstruction. , 2011, , .		1
29	Recommendations for Design of Reinforced Concrete Pipe. Journal of Pipeline Systems Engineering and Practice, 2010, 1, 25-32.	1.6	13
30	Accuracy of Ground-Penetrating Radar for Concrete Pavement Thickness Measurement. Journal of Performance of Constructed Facilities, 2010, 24, 610-621.	2.0	15
31	Characteristics of PVA Fiber-Reinforced Mortars. , 2009, , .		2
32	Timbrel Domes of Guastavino: Nondestructive Assessments On A Half-Scale Model. International Journal of Architectural Heritage, 2008, 2, 330-352.	3.1	10
33	Use of Ground Penetrating Radar for Accurate Concrete Thickness Measurements. , 2008, , .		4
34	Ambient Environmental Effects on Experimental Modal Analysis. , 2008, , .		0
35	Structural Appraisal of the Florentine Gothic Construction System. Journal of Architectural Engineering, 2007, 13, 9-17.	1.6	10
36	Experiments and Analyses on a Timbrel Dome. , 2006, , 1.		2

#	ARTICLE	IF	CITATIONS
37	Modal Analyses on the Lateral Resistance System of the Auxerre Cathedral. , 2006, , 1.		0
38	Strength of Spandrel Walls in Masonry Arch Bridges. Transportation Research Record, 2004, 1892, 47-55.	1.9	9