

Burak Felekoglu

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

2,161
citations

257357

24
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223716

46
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55
all docs

55
docs citations

55
times ranked

1588
citing authors

#	ARTICLE	IF	CITATIONS
1	A comprehensive review on fresh state rheological properties of extrusion mortars designed for 3D printing applications. <i>Construction and Building Materials</i> , 2022, 337, 127629.	3.2	14
2	The role of Pre-Heating and mineral additive modification on Long-Term strength development of calcium aluminate cement mortars. <i>Construction and Building Materials</i> , 2022, 340, 127720.	3.2	8
3	Effect of false set related anomalies on rheological properties of cement paste mixtures in the presence of high range water reducing admixture. <i>Structural Concrete</i> , 2021, 22, E619.	1.5	8
4	Assessment of cement characteristics affecting rheological properties of cement pastes. <i>Neural Computing and Applications</i> , 2021, 33, 12805-12826.	3.2	9
5	Study on the Investigation of the Fatigue Behavior of Engineered Cementitious Composites with High Tenacity Polypropylene (HTPP) Fibers. <i>Hittite Journal of Science & Engineering</i> , 2021, 8, 97-102.	0.2	0
6	Adsorption properties of polycarboxylate ether-based high range water reducing admixture on cementitious systems: A review. <i>Construction and Building Materials</i> , 2021, 312, 125366.	3.2	44
7	Agrega hacminin ultra yüksek performanslı betonun bütünlüğüne, reolojik ve mekanik özelliklerine etkisi. <i>Journal of the Faculty of Engineering and Architecture of Gazi University</i> , 2020, 35, 1701-1718.	0.3	2
8	THE ROLE OF NA ₂ O/EQ RATIO ON THE FLOWABILITY AND STRENGTH DEVELOPMENT OF CEMENTITIOUS SYSTEMS IN THE PRESENCE OF A POLYCARBOXYLATE ETHER-BASED ADMIXTURE. <i>Journal of Green Building</i> , 2019, 14, 93-110.	0.4	2
9	The influence of mineral additive type and water/binder ratio on matrix phase rheology and multiple cracking potential of HTPP-ECC. <i>Construction and Building Materials</i> , 2018, 173, 508-519.	3.2	15
10	MENTO ESASLI FLA KOMPOZİTLERİN DÖRÜMSEL GİRİMLERİN KORELASYONU YENİLENEBİLİR ATILAK DAVRANIŞININ İZLENİMİ. <i>Journal of the Faculty of Engineering and Architecture of Gazi University</i> , 2018, 33, 1701-1718.	0.3	2
11	Utilization and selection of proper fly ash in cost effective green HTPP-ECC design. <i>Journal of Cleaner Production</i> , 2017, 149, 557-568.	4.6	51
12	Effect of Cement C3A Content on Properties of Cementitious Systems Containing High-Range Water-Reducing Admixture. <i>Journal of Materials in Civil Engineering</i> , 2017, 29, .	1.3	35
13	Effects of latex modification on fresh state consistency, short term strength and long term transport properties of cement mortars. <i>Construction and Building Materials</i> , 2017, 133, 226-233.	3.2	52
14	Development of flaw tolerant fiber reinforced cementitious composites with calcined kaolin. <i>Applied Clay Science</i> , 2017, 146, 423-431.	2.6	10
15	EFFECT OF CEMENT FINENESS ON PROPERTIES OF CEMENTITIOUS MATERIALS CONTAINING HIGH RANGE WATER REDUCING ADMIXTURE. <i>Journal of Green Building</i> , 2017, 12, 142-167.	0.4	37
16	A comparative study on the compatibility of PVA and HTPP fibers with various cementitious matrices under flexural loads. <i>Construction and Building Materials</i> , 2016, 121, 423-428.	3.2	18
17	Control of Tensile Behavior of Ultra-High Performance Concrete Through Artificial Flaws and Fiber Hybridization. <i>International Journal of Concrete Structures and Materials</i> , 2016, 10, 33-41.	1.4	21
18	Effect of gypsum type on properties of cementitious materials containing high range water reducing admixture. <i>Cement and Concrete Composites</i> , 2016, 68, 15-26.	4.6	40

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19	Multiple cracking analysis of HTPP-ECC by digital image correlation method. Computers and Concrete, 2016, 17, 831-848.	0.7	7
20	METAKAOLÄ°N KÄTKİLİ LÄ°FLÄ° KOMPOZÄ°TLERÄ°N Ä°OKLU Ä°ATLAK DAVRANIÄ°INI GELÄ°Ä°ZTÄ°RMEYE YÄ°NELÄ°K DENEYSEL Ä°ALIÄ°ZMALAR. Ä°mer Halisdemir Ä°eniversitesi MÄ°hendislik Bilimleri Dergisi, 2016, 5, 54-63.	0.2	2
21	A novel method for the determination of polymeric micro-fiber distribution of cementitious composites exhibiting multiple cracking behavior under tensile loading. Construction and Building Materials, 2015, 86, 85-94.	3.2	24
22	Effects of loading conditions and specimen thickness on the flexural behavior of fiber-reinforced cementitious composites. Periodica Polytechnica: Civil Engineering, 2014, 58, 279-291.	0.6	0
23	Rheological behaviour of self-compacting micro-concrete. Sadhana - Academy Proceedings in Engineering Sciences, 2014, 39, 1471-1495.	0.8	29
24	Influence of matrix flowability, fiber mixing procedure, and curing conditions on the mechanical performance of HTPP-ECC. Composites Part B: Engineering, 2014, 60, 359-370.	5.9	134
25	The role of flaw size and fiber distribution on tensile ductility of PVA-ECC. Composites Part B: Engineering, 2014, 56, 536-545.	5.9	135
26	Effects of fiberâ€™matrix interaction on multiple cracking performance of polymeric fiber reinforced cementitious composites. Composites Part B: Engineering, 2013, 52, 62-71.	5.9	16
27	Effects of fibre hybridization on multiple cracking potential of cement-based composites under flexural loading. Construction and Building Materials, 2013, 41, 15-20.	3.2	29
28	Evaluating the bond strength between concrete substrate and repair mortars with full-factorial analysis. Computers and Concrete, 2013, 12, 651-668.	0.7	1
29	Multiple cracking response of plasma treated polyethylene fiber reinforced cementitious composites under flexural loading. Cement and Concrete Composites, 2012, 34, 508-520.	4.6	50
30	A method for improving the early strength of pumice concrete blocks by using alkyl alkoxy silane (AAS). Construction and Building Materials, 2012, 28, 305-310.	3.2	28
31	Compatibility of a polycarboxylate-based superplasticiser with different set-controlling admixtures. Construction and Building Materials, 2011, 25, 1466-1473.	3.2	20
32	Effects of porosity and related interstitial phase morphology difference on the grindability of clinkers. Materials and Structures/Materiaux Et Constructions, 2010, 43, 179-193.	1.3	4
33	Quantification of void shape in cemented materials. Computers and Concrete, 2010, 7, 511-522.	0.7	0
34	A comparative study on the performance of limestone-blended cement mortars exposed to cold curing conditions. Advances in Cement Research, 2009, 21, 45-57.	0.7	3
35	A comparative study on the flexural performance of plasma treated polypropylene fiber reinforced cementitious composites. Journal of Materials Processing Technology, 2009, 209, 5133-5144.	3.1	73
36	Effects of fibre type and matrix structure on the mechanical performance of self-compacting micro-concrete composites. Cement and Concrete Research, 2009, 39, 1023-1032.	4.6	69

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37	A new approach to the characterisation of particle shape and surface properties of powders employed in concrete industry. Construction and Building Materials, 2009, 23, 1154-1162.	3.2	15
38	Optimization of fineness to maximize the strength activity of high-calcium ground fly ash " Portland cement composites. Construction and Building Materials, 2009, 23, 2053-2061.	3.2	71
39	Effects of limestone replacement ratio on the sulfate resistance of Portland limestone cement mortars exposed to extraordinary high sulfate concentrations. Construction and Building Materials, 2009, 23, 2534-2544.	3.2	41
40	A comparative study on the performance of sands rich and poor in fines in self-compacting concrete. Construction and Building Materials, 2008, 22, 646-654.	3.2	26
41	Optimization of self-compacting filling grout mixtures for repair purposes. Construction and Building Materials, 2008, 22, 660-667.	3.2	13
42	Effect of chemical structure of polycarboxylate-based superplasticizers on workability retention of self-compacting concrete. Construction and Building Materials, 2008, 22, 1972-1980.	3.2	178
43	Relationship between clinker porosity and interstitial phase morphology. Advances in Cement Research, 2008, 20, 109-119.	0.7	4
44	A methodology for spatial distribution of grain and voids in self compacting concrete using digital image processing methods. Computers and Concrete, 2008, 5, 61-74.	0.7	2
45	Effect of water/cement ratio on the fresh and hardened properties of self-compacting concrete. Building and Environment, 2007, 42, 1795-1802.	3.0	280
46	Effects of PSD and surface morphology of micro-aggregates on admixture requirement and mechanical performance of micro-concrete. Cement and Concrete Composites, 2007, 29, 481-489.	4.6	25
47	Utilisation of high volumes of limestone quarry wastes in concrete industry (self-compacting) Tj ETQq1 1 0.784314_rgBT /Overlock 10	3.5	144
48	Influence of various acids on the physico-mechanical properties of pozzolanic cement mortars. Sadhana - Academy Proceedings in Engineering Sciences, 2007, 32, 683-691.	0.8	38
49	The effect of cement alkali content on ASR susceptibility of mortars incorporating admixtures. Building and Environment, 2007, 42, 3444-3453.	3.0	15
50	Effects of steel fiber reinforcement on surface wear resistance of self-compacting repair mortars. Cement and Concrete Composites, 2007, 29, 391-396.	4.6	74
51	The effect of fly ash and limestone fillers on the viscosity and compressive strength of self-compacting repair mortars. Cement and Concrete Research, 2006, 36, 1719-1726.	4.6	201
52	Sulfate resistances of different types of Turkish Portland cements by selecting the appropriate test methods. Construction and Building Materials, 2006, 20, 819-823.	3.2	17
53	Utilisation of Turkish fly ashes in cost effective HVFA concrete production. Fuel, 2006, 85, 1944-1949.	3.4	23
54	Åtoklu Åtatlayan Lifli Kompozitlerin Birim Deformasyonunun Dijital GÅrÅ¼ntÅ¼ Korelasyonu ile Analizi: Parametre Etkilerinin DeÅYerlendirilmesi. Teknik Dergi/Technical Journal of Turkish Chamber of Civil Engineers, 0, , .	0.5	1