

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
h-index

223716

46
g-index

55
all docs

55
docs citations

55
times ranked

1588
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Utilisation of high volumes of limestone quarry wastes in concrete industry (self-compacting) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	5.3	144
5	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
6	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
7	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
8	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
9	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
10	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
11	Effects of latex modification on fresh state consistency, short term strength and long term transport properties of cement mortars. Construction and Building Materials, 2017, 133, 226-233.	3.2	52
12	Utilization and selection of proper fly ash in cost effective green HTPP-ECC design. Journal of Cleaner Production, 2017, 149, 557-568.	4.6	51
13	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
14	Adsorption properties of polycarboxylate ether-based high range water reducing admixture on cementitious systems: A review. Construction and Building Materials, 2021, 312, 125366.	3.2	44
15	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
16	Effect of gypsum type on properties of cementitious materials containing high range water reducing admixture. Cement and Concrete Composites, 2016, 68, 15-26.	4.6	40
17	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
18	EFFECT OF CEMENT FINENESS ON PROPERTIES OF CEMENTITIOUS MATERIALS CONTAINING HIGH RANGE WATER REDUCING ADMIXTURE. Journal of Green Building, 2017, 12, 142-167.	0.4	37

#	ARTICLE	IF	CITATIONS
19	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
20	Effects of fibre hybridization on multiple cracking potential of cement-based composites under flexural loading. <i>Construction and Building Materials</i> , 2013, 41, 15-20.	3.2	29
21	Rheological behaviour of self-compacting micro-concrete. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2014, 39, 1471-1495.	0.8	29
22	A method for improving the early strength of pumice concrete blocks by using alkyl alkoxy silane (AAS). <i>Construction and Building Materials</i> , 2012, 28, 305-310.	3.2	28
23	A comparative study on the performance of sands rich and poor in fines in self-compacting concrete. <i>Construction and Building Materials</i> , 2008, 22, 646-654.	3.2	26
24	Effects of PSD and surface morphology of micro-aggregates on admixture requirement and mechanical performance of micro-concrete. <i>Cement and Concrete Composites</i> , 2007, 29, 481-489.	4.6	25
25	A novel method for the determination of polymeric micro-fiber distribution of cementitious composites exhibiting multiple cracking behavior under tensile loading. <i>Construction and Building Materials</i> , 2015, 86, 85-94.	3.2	24
26	Utilisation of Turkish fly ashes in cost effective HVFA concrete production. <i>Fuel</i> , 2006, 85, 1944-1949.	3.4	23
27	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
28	Compatibility of a polycarboxylate-based superplasticiser with different set-controlling admixtures. <i>Construction and Building Materials</i> , 2011, 25, 1466-1473.	3.2	20
29	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
30	Sulfate resistances of different types of Turkish Portland cements by selecting the appropriate test methods. <i>Construction and Building Materials</i> , 2006, 20, 819-823.	3.2	17
31	Effects of fiber-matrix interaction on multiple cracking performance of polymeric fiber reinforced cementitious composites. <i>Composites Part B: Engineering</i> , 2013, 52, 62-71.	5.9	16
32	The effect of cement alkali content on ASR susceptibility of mortars incorporating admixtures. <i>Building and Environment</i> , 2007, 42, 3444-3453.	3.0	15
33	A new approach to the characterisation of particle shape and surface properties of powders employed in concrete industry. <i>Construction and Building Materials</i> , 2009, 23, 1154-1162.	3.2	15
34	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
35	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
36	Optimization of self-compacting filling grout mixtures for repair purposes. <i>Construction and Building Materials</i> , 2008, 22, 660-667.	3.2	13

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37	Development of flaw tolerant fiber reinforced cementitious composites with calcined kaolin. Applied Clay Science, 2017, 146, 423-431.	2.6	10
38	Assessment of cement characteristics affecting rheological properties of cement pastes. Neural Computing and Applications, 2021, 33, 12805-12826.	3.2	9
39	Effect of false set related anomalies on rheological properties of cement paste mixtures in the presence of high range water reducing admixture. Structural Concrete, 2021, 22, E619.	1.5	8
40	The role of Pre-Heating and mineral additive modification on Long-Term strength development of calcium aluminate cement mortars. Construction and Building Materials, 2022, 340, 127720.	3.2	8
41	Multiple cracking analysis of HTPP-ECC by digital image correlation method. Computers and Concrete, 2016, 17, 831-848.	0.7	7
42	Relationship between clinker porosity and interstitial phase morphology. Advances in Cement Research, 2008, 20, 109-119.	0.7	4
43	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
44	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
45	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
46	METAKAOLÄ°N KATKILI LÄ°FLÄ° KOMPOZÄ°TLERÄ°N Ä°OKLU Ä°ATLAK DAVRANIÄ°ZINI 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
47	Ä°Ä°MENTO ESASLI LÄ°FLÄ° KOMPOZÄ°TLERÄ°N DÄ°JÄ°TAL GÄ°RÄ°NTÄ° KORELASYONU YÄ°NTEMÄ° Ä°LE Ä°OKLU Ä°ATLAK DAVRANIÄ°ZİNİN Ä°NCELENMESÄ°. Journal of the Faculty of Engineering and Architecture of Gazi University, 2018, 2018, .	0.3	2
48	THE ROLE OF NA₂O_{EQ} RATIO ON THE FLOWABILITY AND STRENGTH DEVELOPMENT OF CEMENTITIOUS SYSTEMS IN THE PRESENCE OF A POLYCARBOXYLATE ETHER-BASED ADMIXTURE. Journal of Green Building, 2019, 14, 93-110.	0.4	2
49	Agrega hacminin ultra yÄ°ksekk performanslı betonun bÄ°zÄ°lme, reolojik ve mekanik Ä°zelliklerine etkisi. Journal of the Faculty of Engineering and Architecture of Gazi University, 2020, 35, 1701-1718.	0.3	2
50	Evaluating the bond strength between concrete substrate and repair mortars with full-factorial analysis. Computers and Concrete, 2013, 12, 651-668.	0.7	1
51	Ä°oklu Ä°atlayan Lifli Kompozitlerin Birim Deformasyonunun Dijital GÄ°rÄ°ntÄ° Korelasyonu ile Analizi: Parametre Etkilerinin DeÄ°erlendirilmesi. Teknik Dergi/Technical Journal of Turkish Chamber of Civil Engineers, 0, , .	0.5	1
52	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
53	Study on the Investigation of the Fatigue Behavior of Engineered Cementitious Composites with High Tenacity Polypropylene (HTPP) Fibers. Hittite Journal of Science & Engineering, 2021, 8, 97-102.	0.2	0
54	Quantification of void shape in cemented materials. Computers and Concrete, 2010, 7, 511-522.	0.7	0