

Dae-Jin Kim

List of Publications by Year in descending order

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51
papers

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citations

516561

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51
all docs

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docs citations

51
times ranked

524
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural Performance of the RC Boundary Beam-Wall System Subjected to Axial Loads. Journal of the Computational Structural Engineering Institute of Korea, 2022, 35, 57-64.	0.1	0
2	Finite Element Analysis of the Reinforced Concrete Boundary-Beam-Wall System Subjected to Axial Load. Journal of the Computational Structural Engineering Institute of Korea, 2021, 34, 93-100.	0.1	1
3	Structural Relationship of Key Factors for Student Satisfaction and Achievement in Asynchronous Online Learning. Sustainability, 2021, 13, 6734.	1.6	34
4	Push-out test and analysis of steel pile caps strengthened with perfobond shear connectors. Magazine of Concrete Research, 2020, 72, 182-193.	0.9	2
5	Development of a Structural Monitoring System for Cable Bridges by Using Seismic Accelerometers. Applied Sciences (Switzerland), 2020, 10, 716.	1.3	4
6	Assessing the Effects of Higher-Education Factors on the Job Satisfaction of Engineering Graduates in Korea. Sustainability, 2020, 12, 3342.	1.6	4
7	Structural Performance of a New Truss Deckplate System with UHPC Infilled Top Chords in Construction Stage. Journal of the Computational Structural Engineering Institute of Korea, 2020, 33, 137-144.	0.1	0
8	ICT Capability Characteristics of Engineering Workers in Korea by Latent Class and Influential Factors Analysis. , 2020, , .		0
9	Effects of Education Factors on the Job Satisfaction of Engineering Graduates in Korea. , 2020, , .		0
10	Effectiveness of Mentoring Programs for Career Path Development of Engineering Undergraduates in Korea. , 2020, , .		0
11	Generalized Finite Element Formulation of Fiber Beam Elements for Distributed Plasticity in Multiple Regions. Computer-Aided Civil and Infrastructure Engineering, 2019, 34, 146-163.	6.3	6
12	Effective Assessment of Inelastic Torsional Deformation of Plan-Asymmetric Shear Wall Systems. Applied Sciences (Switzerland), 2019, 9, 2814.	1.3	4
13	Structural Performance of a New Blind-Bolted Frame Modular Beam-Column Connection under Lateral Loading. Applied Sciences (Switzerland), 2019, 9, 1929.	1.3	28
14	Generalized finite element formulation for efficient first-order plastic hinge analysis. Advances in Mechanical Engineering, 2019, 11, 168781401983636.	0.8	7
15	Plastic Hinge Modeling Based on Lumped Plasticity using a Generalized Finite Element Method. Journal of the Computational Structural Engineering Institute of Korea, 2018, 31, 381-388.	0.1	1
16	Generalized finite element analysis of high-rise wall-frame structural systems. Engineering Computations, 2017, 34, 189-210.	0.7	7
17	Finite element model updating of multi-span greenhouses based on ambient vibration measurements. Biosystems Engineering, 2017, 161, 145-156.	1.9	12
18	Flexural Capacity of a New Composite Beam with Concrete-Infilled Tubular Lower Flange. Applied Sciences (Switzerland), 2017, 7, 57.	1.3	2

#	ARTICLE	IF	CITATIONS
19	Development of an Exportable Modular Building System by Integrating Quality Function Deployment and TRIZ Method. Journal of Asian Architecture and Building Engineering, 2017, 16, 535-542.	1.2	11
20	A Case Study on the Rehabilitation of a Fire-Damaged Structure. Applied Sciences (Switzerland), 2016, 6, 126.	1.3	17
21	Pull-Out Resistance Capacity of a New Perfobond Shear Connector for Steel Pile Cap Strengthening. Advances in Materials Science and Engineering, 2016, 2016, 1-12.	1.0	5
22	Development of an Efficient Steel Beam Section for Modular Construction Based on Six-Sigma. Advances in Materials Science and Engineering, 2016, 2016, 1-13.	1.0	10
23	Structural Performance of Steel Pile Caps Strengthened with Perfobond Shear Connectors under Lateral Loading. Applied Sciences (Switzerland), 2016, 6, 317.	1.3	7
24	Optimizing the Utilization of Shareable Equipment in Multiple Shifts for Construction Projects. Journal of Asian Architecture and Building Engineering, 2016, 15, 597-604.	1.2	0
25	Effects of openings on the punching shear strength of RC flat-plate slabs without shear reinforcement. Structural Design of Tall and Special Buildings, 2015, 24, 895-911.	0.9	30
26	Effective Critical Section Evaluation of a Reinforced Concrete Flat-Plate Slab with Openings for its Punching Shear Strength Estimation. Applied Mechanics and Materials, 2015, 764-765, 1164-1169.	0.2	0
27	Generalized finite element analysis using the preconditioned conjugate gradient method. Applied Mathematical Modelling, 2015, 39, 5837-5848.	2.2	13
28	Performance of a Lead Rubber Damper under Cyclic Lateral Loading. Applied Mechanics and Materials, 2015, 764-765, 329-333.	0.2	0
29	Shear Strength of the Perfobond Connection of a Steel-Concrete Composite Slim Floor System. Applied Mechanics and Materials, 2015, 764-765, 1134-1138.	0.2	0
30	Effectiveness factor of strut-and-tie model for concrete deep beams reinforced with FRP rebars. Composites Part B: Engineering, 2014, 56, 117-125.	5.9	43
31	Concrete Beams with Fiber-Reinforced Polymer Shear Reinforcement. ACI Structural Journal, 2014, 111, .	0.3	11
32	TWO-SCALE 3D ANALYSIS OF REFLECTIVE CRACKS IN AIRFIELD PAVEMENTS. International Journal of Computational Methods, 2013, 10, 1350045.	0.8	5
33	Experimental study on bond strength of fiber reinforced polymer rebars in normal strength concrete. Journal of Adhesion Science and Technology, 2013, 27, 508-522.	1.4	26
34	Structural Performance of Disaster Relief Housing Units Subjected to Cyclic Loading. Advanced Materials Research, 2013, 684, 111-115.	0.3	0
35	Bond strength of steel deformed rebars embedded in artificial lightweight aggregate concrete. Journal of Adhesion Science and Technology, 2013, 27, 490-507.	1.4	29
36	EXTENSIONS OF THE TWO-SCALE GENERALIZED FINITE ELEMENT METHOD TO NONLINEAR FRACTURE PROBLEMS. International Journal for Multiscale Computational Engineering, 2013, 11, 581-596.	0.8	15

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37	Analysis of three-dimensional fracture mechanics problems: A non-intrusive approach using a generalized finite element method. <i>Engineering Fracture Mechanics</i> , 2012, 90, 41-64.	2.0	39
38	A generalized finite element method with global-local enrichment functions for confined plasticity problems. <i>Computational Mechanics</i> , 2012, 50, 563-578.	2.2	45
39	Analysis and improvements of global-local enrichments for the Generalized Finite Element Method. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2012, 245-246, 47-62.	3.4	56
40	A two-scale approach for the analysis of propagating three-dimensional fractures. <i>Computational Mechanics</i> , 2012, 49, 99-121.	2.2	38
41	Evaluation of the current concrete design code on shear and end anchorage of deep beams by a limit analysis based on concrete plasticity. , 2012, , .		0
42	Parallel simulations of three-dimensional cracks using the generalized finite element method. <i>Computational Mechanics</i> , 2011, 47, 265-282.	2.2	36
43	Parametric Density Concept for Guided Wave Attenuation Calculation in Fluid-Filled and Buried Steel Pipes. <i>Advanced Science Letters</i> , 2011, 4, 1702-1705.	0.2	0
44	Effect of Shear and Torsion on the Plastic Collapse Load of a Pipe Section With a Circumferential Flaw. , 2010, , .		1
45	Analysis of three-dimensional fracture mechanics problems: A two-scale approach using coarse generalized FEM meshes. <i>International Journal for Numerical Methods in Engineering</i> , 2010, 81, 335-365.	1.5	103
46	Analysis and applications of a generalized finite element method with global-local enrichment functions. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2008, 197, 487-504.	3.4	168
47	Analysis of Interacting Cracks Using the Generalized Finite Element Method With Global-Local Enrichment Functions. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2008, 75, .	1.1	42
48	Arbitrarily smooth generalized finite element approximations. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2006, 196, 33-56.	3.4	32
49	Structural Behavior of a Steel Grid Shear Wall Subjected to Combined Axial and Cyclic Lateral Loads. <i>Applied Mechanics and Materials</i> , 0, 479-480, 1175-1179.	0.2	0
50	Seismic Rehabilitation of Beam-Column Joints Using FRP Sheets and Buckling Restrained Braces. <i>Applied Mechanics and Materials</i> , 0, 479-480, 1170-1174.	0.2	0
51	Structural Performance of the Tensioning Air Beam System and its Analytical Modeling. <i>Applied Mechanics and Materials</i> , 0, 284-287, 1385-1389.	0.2	0