

Filip C Filippou

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

36
papers

1,663
citations

21
h-index

38
g-index

38
ext. papers

1,796
ext. citations

3
avg, IF

4.72
L-index

#	Paper	IF	Citations
36	Deterioration Modeling of Steel Columns under Variable Axial Forces 2018 ,		1
35	Mixed 3D Beam Element with Damage Plasticity for the Analysis of RC Members under Warping Torsion. <i>Journal of Structural Engineering</i> , 2018 , 144, 04018064	3	15
34	A damage model for structures with degrading response. <i>Earthquake Engineering and Structural Dynamics</i> , 2018 , 47, 311-332	4	23
33	Generalized plasticity model for inelastic RCFT column response. <i>Computers and Structures</i> , 2016 , 168, 56-67	4.5	10
32	Frame Element with Mixed Formulations for Composite and RC Members with Bond Slip. I: Theory and Fixed-End Rotation. <i>Journal of Structural Engineering</i> , 2015 , 141, 04015039	3	5
31	Frame Element with Mixed Formulations for Composite and RC Members with Bond Slip. II: Correlation Studies. <i>Journal of Structural Engineering</i> , 2015 , 141, 04015040	3	1
30	Evaluation of Mixed Formulation for Modelling RC Columns with Bond Slip. <i>Applied Mechanics and Materials</i> , 2014 , 553, 470-475	0.3	
29	Analysis of RC walls with a mixed formulation frame finite element. <i>Computers and Concrete</i> , 2013 , 12, 519-536		7
28	An Efficient Beam-Column Element for Inelastic 3D Frame Analysis. <i>Computational Methods in Applied Sciences (Springer)</i> , 2013 , 49-67	0.4	4
27	Section Discretization of Fiber Beam-Column Elements for Cyclic Inelastic Response. <i>Journal of Structural Engineering</i> , 2012 , 138, 592-601	3	48
26	Finite-Element Model for Pretensioned Prestressed Concrete Girders. <i>Journal of Structural Engineering</i> , 2010 , 136, 401-409	3	21
25	Frame Element for Metallic Shear-Yielding Members under Cyclic Loading. <i>Journal of Structural Engineering</i> , 2009 , 135, 1115-1123	3	17
24	Simulation of the shaking table test of a seven-story shear wall building. <i>Earthquake Engineering and Structural Dynamics</i> , 2009 , 38, 587-607	4	66
23	Numerical integration of a class of 3d plastic-damage concrete models and condensation of 3d stress-strain relations for use in beam finite elements. <i>Engineering Structures</i> , 2009 , 31, 2327-2336	4.7	32
22	Inelastic axial-flexure-shear coupling in a mixed formulation beam finite element. <i>International Journal of Non-Linear Mechanics</i> , 2009 , 44, 913-922	2.8	42
21	Efficient Beam-Column Element with Variable Inelastic End Zones. <i>Journal of Structural Engineering</i> , 2009 , 135, 1310-1319	3	21
20	Model for Cyclic Inelastic Buckling of Steel Braces. <i>Journal of Structural Engineering</i> , 2008 , 134, 619-628	3	198

19	Software Patterns for Nonlinear Beam-Column Models. <i>Journal of Structural Engineering</i> , 2008 , 134, 562-571	4	1
18	A 3D numerical model for reinforced and prestressed concrete elements subjected to combined axial, bending, shear and torsion loading. <i>Engineering Structures</i> , 2007 , 29, 3404-3419	4-7	62
17	Response Gradients for Nonlinear Beam-Column Elements under Large Displacements. <i>Journal of Structural Engineering</i> , 2007 , 133, 155-165	3	22
16	Response Sensitivity for Nonlinear Beam-Column Elements. <i>Journal of Structural Engineering</i> , 2004 , 130, 1281-1288	3	50
15	Discussion of Reinforced Concrete Frame Element with Bond Interfaces. II: State Determinations and Numerical Validation by Suchart Limkatanyu and Enrico Spacone. <i>Journal of Structural Engineering</i> , 2003 , 129, 1428-1429	3	3
14	Non-linear spatial Timoshenko beam element with curvature interpolation. <i>International Journal for Numerical Methods in Engineering</i> , 2001 , 50, 761-785	2-4	37
13	Mixed Formulation of Nonlinear Steel-Concrete Composite Beam Element. <i>Journal of Structural Engineering</i> , 2000 , 126, 371-381	3	155
12	Mixed Formulation of Bond-Slip Problems under Cyclic Loads. <i>Journal of Structural Engineering</i> , 1999 , 125, 661-671	3	40
11	Modeling of Cyclic Shear Behavior in RC Members. <i>Journal of Structural Engineering</i> , 1999 , 125, 1143-1150	3	50
10	Geometrically Nonlinear Flexibility-Based Frame Finite Element. <i>Journal of Structural Engineering</i> , 1998 , 124, 704-711	3	138
9	Generalized Warping Torsion Formulation. <i>Journal of Engineering Mechanics - ASCE</i> , 1998 , 124, 339-347	2-4	24
8	Constitutive Model for 3D Cyclic Analysis of Concrete Structures. <i>Journal of Engineering Mechanics - ASCE</i> , 1997 , 123, 143-153	2-4	35
7	Finite Element for Anchored Bars under Cyclic Load Reversals. <i>Journal of Structural Engineering</i> , 1997 , 123, 614-623	3	58
6	Evaluation of Nonlinear Frame Finite-Element Models. <i>Journal of Structural Engineering</i> , 1997 , 123, 958-966	3	299
5	Correlation studies on an RC frame shaking-table specimen. <i>Earthquake Engineering and Structural Dynamics</i> , 1997 , 26, 1021-1040	4	16
4	Correlation studies on an RC frame shaking-table specimen 1997 , 26, 1021		2
3	Analytical Studies of Hysteretic Behavior of R/C Joints. <i>Journal of Structural Engineering</i> , 1986 , 112, 1605-1622	3	13
2	A Simple Model for Reinforcing Bar Anchorages Under Cyclic Excitations. <i>Journal of Structural Engineering</i> , 1986 , 112, 1639-1659	3	17

- 1 Modeling of R/C Joints under Cyclic Excitations. *Journal of Structural Engineering*, **1983**, 109, 2666-2684 3 90