

M Neaz Sheikh

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7233733/m-neaz-sheikh-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

124
papers

2,270
citations

26
h-index

42
g-index

141
ext. papers

3,065
ext. citations

3.7
avg, IF

5.97
L-index

#	Paper	IF	Citations
124	Design of geopolymer concrete with GGBFS at ambient curing condition using Taguchi method. <i>Construction and Building Materials</i> , 2017 , 140, 424-431	6.7	134
123	Experimental Investigations on Circular Concrete Columns Reinforced with GFRP Bars and Helices under Different Loading Conditions. <i>Journal of Composites for Construction</i> , 2016 , 20, 04016009	3.3	122
122	Shear strength and dilatancy behaviour of sand fibre chip mixtures. <i>Soils and Foundations</i> , 2015 , 55, 517-528	3.8	114
121	Shear and Compressibility Behavior of Sand Fibre Crumb Mixtures. <i>Journal of Materials in Civil Engineering</i> , 2013 , 25, 1366-1374	3	114
120	Seismic isolation for low-to-medium-rise buildings using granulated rubber-soil mixtures: numerical study. <i>Earthquake Engineering and Structural Dynamics</i> , 2012 , 41, 2009-2024	4	111
119	Axial load-axial deformation behaviour of circular concrete columns reinforced with GFRP bars and helices. <i>Construction and Building Materials</i> , 2016 , 112, 1147-1157	6.7	74
118	Investigation of engineering properties of normal and high strength fly ash based geopolymer and alkali-activated slag concrete compared to ordinary Portland cement concrete. <i>Construction and Building Materials</i> , 2019 , 196, 26-42	6.7	73
117	Experimental investigation of the behaviour of concrete beams reinforced with GFRP bars under static and impact loading. <i>Engineering Structures</i> , 2016 , 113, 220-232	4.7	66
116	Axial and flexural behavior of unreinforced and FRP bar reinforced circular concrete filled FRP tube columns. <i>Construction and Building Materials</i> , 2016 , 122, 43-53	6.7	62
115	Flexural behavior of partially fiber-reinforced high-strength concrete beams reinforced with FRP bars. <i>Construction and Building Materials</i> , 2018 , 161, 587-597	6.7	48
114	Compressive behaviour of partially FRP confined concrete: Experimental observations and assessment of the stress-strain models. <i>Construction and Building Materials</i> , 2018 , 192, 785-797	6.7	47
113	Axial compressive behaviour of GFRP tube reinforced concrete columns. <i>Construction and Building Materials</i> , 2015 , 81, 198-207	6.7	42
112	Experimental Investigation of Circular High-Strength Concrete Columns Reinforced with Glass Fiber-Reinforced Polymer Bars and Helices under Different Loading Conditions. <i>Journal of Composites for Construction</i> , 2017 , 21, 04017005	3.3	38
111	Investigation on the behaviour of partial wrapping in comparison with full wrapping of square RC columns under different loading conditions. <i>Construction and Building Materials</i> , 2018 , 168, 153-168	6.7	36
110	Experimental Investigation on the Effect of Corrosion on the Bond Between Reinforcing Steel Bars and Fibre Reinforced Geopolymer Concrete. <i>Structures</i> , 2018 , 14, 251-261	3.4	36
109	Behaviour of concrete-encased concrete-filled FRP tube (CCFT) columns under axial compression. <i>Engineering Structures</i> , 2017 , 147, 256-268	4.7	33
108	Influence of Rock Depth on Seismic Site Classification for Shallow Bedrock Regions. <i>Natural Hazards Review</i> , 2013 , 14, 108-121	3.5	33

107	Experimental investigation on foam concrete without and with recycled glass powder: A sustainable solution for future construction. <i>Construction and Building Materials</i> , 2019 , 201, 369-379	6.7	31
106	Flexural behaviour of GFRP reinforced high strength and ultra high strength concrete beams. <i>Construction and Building Materials</i> , 2017 , 131, 606-617	6.7	30
105	Axial-Flexural Interactions of GFRP-CFFT Columns with and without Reinforcing GFRP Bars. <i>Journal of Composites for Construction</i> , 2017 , 21, 04016109	3.3	29
104	Engineering Properties of Ambient Cured Alkali-Activated Fly Ash/Slag Concrete Reinforced with Different Types of Steel Fiber. <i>Journal of Materials in Civil Engineering</i> , 2018 , 30, 04018142	3	29
103	Performance evaluation of high strength concrete and steel fibre high strength concrete columns reinforced with GFRP bars and helices. <i>Construction and Building Materials</i> , 2017 , 134, 297-310	6.7	28
102	Axial and flexural behaviour of circular reinforced concrete columns strengthened with reactive powder concrete jacket and fibre reinforced polymer wrapping. <i>Construction and Building Materials</i> , 2018 , 172, 717-727	6.7	28
101	Influence of non-structural components on lateral stiffness of tall buildings. <i>Structural Design of Tall and Special Buildings</i> , 2005 , 14, 143-164	1.8	28
100	Benefits of using sea sand and seawater in concrete: a comprehensive review. <i>Australian Journal of Structural Engineering</i> , 2019 , 20, 280-289	1.4	27
99	Behaviour of Ambient Cured Steel Fibre Reinforced Geopolymer Concrete Columns Under Axial and Flexural Loads. <i>Structures</i> , 2018 , 15, 184-195	3.4	26
98	Mechanical properties of micro-steel fibre reinforced magnesium potassium phosphate cement composite. <i>Construction and Building Materials</i> , 2018 , 185, 423-435	6.7	26
97	Influence of alkaline activators on the mechanical properties of fly ash based geopolymer concrete cured at ambient temperature. <i>Construction and Building Materials</i> , 2021 , 273, 121752	6.7	25
96	Performance based seismic assessment of bridges designed according to Canadian Highway Bridge Design Code. <i>Canadian Journal of Civil Engineering</i> , 2014 , 41, 777-787	1.3	24
95	A new model for the prediction of earthquake ground-motion duration in Iran. <i>Natural Hazards</i> , 2014 , 70, 69-92	3	24
94	Liquefaction Potential and Dynamic Properties of Sand-Tyre Chip (STCh) Mixtures. <i>Geotechnical Testing Journal</i> , 2016 , 39, 20150031	1.3	24
93	Axial compressive behaviour of concrete confined with polymer grid. <i>Materials and Structures/Materiaux Et Constructions</i> , 2016 , 49, 3893-3908	3.4	23
92	Behaviour of perforated GFRP tubes under axial compression. <i>Thin-Walled Structures</i> , 2015 , 95, 88-100	4.7	22
91	Direct tensile testing of Self-Compacting Concrete. <i>Construction and Building Materials</i> , 2016 , 112, 903-906	6.7	22
90	Response spectrum predictions for potential near-field and far-field earthquakes affecting Hong Kong: soil sites. <i>Soil Dynamics and Earthquake Engineering</i> , 2002 , 22, 419-440	3.5	22

89	Mechanical properties of steel, glass, and hybrid fiber reinforced reactive powder concrete. <i>Frontiers of Structural and Civil Engineering</i> , 2019 , 13, 998-1006	2.5	21
88	Concrete Filled Carbon FRP Tube (CFRP-CFFT) columns with and without CFRP reinforcing bars: Axial-flexural interactions. <i>Composites Part B: Engineering</i> , 2018 , 133, 42-52	10	21
87	Behavior of Circularized Hollow RC Columns under Different Loading Conditions. <i>Journal of Composites for Construction</i> , 2017 , 21, 04017025	3.3	19
86	Experimental Study on FRP Tube Reinforced Concrete Columns under Different Loading Conditions. <i>Journal of Composites for Construction</i> , 2016 , 20, 04016034	3.3	19
85	Influence of the Location of CFRP Strips on the Behaviour of Partially Wrapped Square Reinforced Concrete Columns under Axial Compression. <i>Structures</i> , 2018 , 15, 131-137	3.4	18
84	Eccentrically Loaded FRP Confined Concrete with Different Wrapping Schemes. <i>Journal of Composites for Construction</i> , 2018 , 22, 04018056	3.3	18
83	Behaviour of circularized and FRP wrapped hollow concrete specimens under axial compressive load. <i>Composite Structures</i> , 2017 , 171, 538-548	5.3	17
82	Shear modulus of sand/fibre chip mixtures. <i>Environmental Geotechnics</i> , 2018 , 5, 336-344	1.2	17
81	Reduction of seismic pounding effects of base-isolated RC highway bridges using MR damper. <i>Structural Engineering and Mechanics</i> , 2012 , 41, 791-803		17
80	Yield curvature for seismic design of circular reinforced concrete columns. <i>Magazine of Concrete Research</i> , 2010 , 62, 741-748	2	17
79	Microscopic characteristics of interface transition zone between magnesium phosphate cement and steel fiber. <i>Construction and Building Materials</i> , 2020 , 253, 119179	6.7	16
78	Constitutive Model for Sand/Fibre Chip Mixture. <i>International Journal of Geomechanics</i> , 2016 , 16, 04015023	3.1	15
77	Maximum axial load carrying capacity of Fibre Reinforced-Polymer (FRP) bar reinforced concrete columns under axial compression. <i>Structures</i> , 2019 , 19, 227-233	3.4	15
76	Material and glass-fibre-reinforced polymer bond properties of geopolymer concrete. <i>Magazine of Concrete Research</i> , 2020 , 72, 509-525	2	13
75	Behaviour of Small Diameter Steel Tubes Under Axial Compression. <i>Structures</i> , 2017 , 11, 155-163	3.4	12
74	Interface bond performance of steel fibre embedded in magnesium phosphate cementitious composite. <i>Construction and Building Materials</i> , 2018 , 185, 648-660	6.7	12
73	Load and Moment Interaction Diagram for Circular Concrete Columns Reinforced with GFRP Bars and GFRP Helices. <i>Journal of Composites for Construction</i> , 2017 , 21, 04016076	3.3	12
72	Analytical investigation on the load-moment characteristics of GFRP bar reinforced circular NSC and HSC columns. <i>Construction and Building Materials</i> , 2018 , 183, 605-617	6.7	11

71	Experimental investigations on the behavior of GFRP bar reinforced HSC and UHSC beams under static and impact loading. <i>Structures</i> , 2019 , 22, 109-123	3.4	11
70	Modeling shear rigidity of stratified bedrock in site response analysis. <i>Soil Dynamics and Earthquake Engineering</i> , 2012 , 34, 89-98	3.5	11
69	Flexural design of GFRP bar reinforced concrete beams: An appraisal of code recommendations. <i>Journal of Building Engineering</i> , 2019 , 25, 100794	5.2	10
68	Performance evaluation of intermittently CFRP wrapped square and circularised square reinforced concrete columns under different loading conditions. <i>Structure and Infrastructure Engineering</i> , 2019 , 15, 696-710	2.9	10
67	A checking method for probabilistic seismic-hazard assessment: case studies on three cities. <i>Natural Hazards</i> , 2011 , 58, 67-84	3	10
66	Mechanical properties of fiber and nano-Al ₂ O ₃ reinforced magnesium phosphate cement composite. <i>Construction and Building Materials</i> , 2021 , 270, 121861	6.7	10
65	Analytical investigation on the behavior of circular and square RC columns strengthened with RPC and wrapped with FRP under uniaxial compression. <i>Journal of Building Engineering</i> , 2019 , 25, 100833	5.2	9
64	Mechanical behaviour of micro-fine steel fibre reinforced sulphoaluminate cement composite. <i>Construction and Building Materials</i> , 2018 , 170, 91-100	6.7	9
63	Behavior of Steel Fiber-Reinforced High-Strength Concrete Columns under Different Loads. <i>ACI Structural Journal</i> , 2017 , 114,	1.7	9
62	A New Method for Direct Tensile Testing of Concrete. <i>Journal of Testing and Evaluation</i> , 2019 , 47, 20170067		9
61	Effect of Using GFRP Reinforcement on the Behavior of Hollow-Core Circular Concrete Columns. <i>Journal of Composites for Construction</i> , 2021 , 25, 06020003	3.3	9
60	Numerical investigations on the flexural behavior of GFRP-RC beams under monotonic loads. <i>Structures</i> , 2019 , 20, 255-267	3.4	8
59	New technique for strengthening square-reinforced concrete columns by the circularisation with reactive powder concrete and wrapping with fibre-reinforced polymer. <i>Structure and Infrastructure Engineering</i> , 2019 , 15, 1392-1403	2.9	8
58	Moment-Curvature Behavior of Glass Fiber-Reinforced Polymer Bar-Reinforced Normal-Strength Concrete and High-Strength Concrete Columns. <i>ACI Structural Journal</i> , 2019 , 116,	1.7	8
57	The Effect of Nano-Particles and Water Glass on the Water Stability of Magnesium Phosphate Cement Based Mortar. <i>Materials</i> , 2019 , 12,	3.5	8
56	Empirical models for the prediction of ground motion duration for intraplate earthquakes. <i>Journal of Seismology</i> , 2017 , 21, 1001-1021	1.5	7
55	Regional differences in attenuation modelling for Eastern China. <i>Journal of Asian Earth Sciences</i> , 2010 , 39, 441-459	2.8	7
54	Axial compressive behaviour of circular CFFT: Experimental database and design-oriented model. <i>Steel and Composite Structures</i> , 2016 , 21, 921-947		7

53	Properties and Application of Sea Sand in Sea Sand Seawater Concrete. <i>Journal of Materials in Civil Engineering</i> , 2020 , 32, 04020392	3	7
52	Nonuniform CFRP Wrapping to Prevent Sudden Failure of FRP Confined Square RC Columns. <i>Journal of Composites for Construction</i> , 2020 , 24, 04020063	3-3	7
51	Mechanical Properties of Steel Fiber-Reinforced Magnesium Phosphate Cement Mortar. <i>Advances in Civil Engineering</i> , 2018 , 2018, 1-11	1-3	7
50	Damage assessment of GFRP bar reinforced ultra-high-strength concrete beams under overloading impact conditions. <i>Engineering Structures</i> , 2020 , 213, 110581	4-7	6
49	Failure envelopes of square and circularized RC columns discretely confined with CFRP. <i>Construction and Building Materials</i> , 2020 , 261, 119937	6-7	6
48	Bridge support elastic reactions under vertical earthquake ground motion. <i>Engineering Structures</i> , 2009 , 31, 2317-2326	4-7	6
47	Effect of geogrid reinforcement on the drying shrinkage and thermal expansion of geopolymer concrete. <i>Structural Concrete</i> , 2020 , 21, 1029-1039	2.6	6
46	Analytical investigation on the load-moment interaction behavior of the FRP reinforced geopolymer concrete filled FRP tube circular columns. <i>Journal of Building Engineering</i> , 2021 , 42, 102818	5-2	6
45	Pullout Behaviour of Different Types of Steel Fibres Embedded in Magnesium Phosphate Cementitious Matrix. <i>International Journal of Concrete Structures and Materials</i> , 2019 , 13,	2.8	5
44	Experimental study on the effects of the fiber and nano-Fe ₂ O ₃ on the properties of the magnesium potassium phosphate cement composites. <i>Journal of Materials Research and Technology</i> , 2020 , 9, 14307-14320	5-5	5
43	Behavior of Ambient Cured Geopolymer Concrete Columns under Different Loads. <i>ACI Structural Journal</i> , 2018 , 115,	1-7	5
42	Numerical Analysis of Behavior of Glass Fiber-Reinforced Polymer Bar-Reinforced Concrete Beams under Impact Loads. <i>ACI Structural Journal</i> , 2019 , 116,	1-7	5
41	P-M Interactions of Geopolymer Concrete Column Reinforced with and without Steel Fiber. <i>ACI Structural Journal</i> , 2020 , 117,	1-7	5
40	Overload damage mechanisms of GFRP-RC beams subjected to high-intensity low-velocity impact loads. <i>Composite Structures</i> , 2020 , 233, 111578	5-3	5
39	A Checking Method for Multiple Seismic Performance Objectives of Bridge Piers Designed According to Code Provisions. <i>Journal of Earthquake Engineering</i> , 2016 , 20, 1148-1168	1.8	5
38	Behavior of axially loaded plain and fiber-reinforced geopolymer concrete columns with glass fiber-reinforced polymer cages. <i>Structural Concrete</i> , 2021 , 22, 1800-1816	2.6	5
37	Deflection hardening behaviour of ductile fibre reinforced magnesium phosphate cement-based composite. <i>Cement and Concrete Composites</i> , 2021 , 121, 104079	8.6	5
36	Behavior of GFRP bar-reinforced hollow-core polypropylene fiber and glass fiber concrete columns under axial compression. <i>Journal of Building Engineering</i> , 2021 , 44, 103245	5-2	5

35	Behavior of Self-Compacting Concrete Columns Reinforced Longitudinally with Steel Tubes. <i>Journal of Structural Engineering</i> , 2017 , 143, 04017024	3	4
34	Behaviour of high strength concrete reinforced with different types of steel fibres. <i>Australian Journal of Structural Engineering</i> , 2017 , 18, 254-261	1.4	4
33	Experimental study of the effect of graphene on properties of ambient-cured slag and fly ash-based geopolymer paste and mortar. <i>Construction and Building Materials</i> , 2021 , 313, 125403	6.7	4
32	Experimental results of circular FRP tube confined concrete (CFFT) and comparison with analytical models. <i>Journal of Building Engineering</i> , 2020 , 29, 101157	5.2	4
31	Water stability of bonding properties between nano-Fe ₂ O ₃ -modified magnesium-phosphate-cement mortar and steel fibre. <i>Construction and Building Materials</i> , 2021 , 291, 123316	6.7	4
30	Behaviour and design of prefabricated CFST stub columns with PCC connections under compression. <i>Thin-Walled Structures</i> , 2021 , 166, 108041	4.7	4
29	Behavior of High-Strength Concrete Columns Reinforced with Galvanized Steel Equal-Angle Sections under Different Loading Conditions. <i>Journal of Structural Engineering</i> , 2018 , 144, 04018070	3	3
28	Longitudinal Reinforcement Limits for Fiber-Reinforced Polymer Reinforced Concrete Members. <i>ACI Structural Journal</i> , 2017 , 114,	1.7	3
27	Experimental evaluation of tensile strength test methods for steel fibre-reinforced concrete. <i>Magazine of Concrete Research</i> , 2019 , 71, 385-394	2	3
26	Predicting strength and strain enhancement ratios of circular fiber-reinforced polymer tube confined concrete under axial compression using artificial neural networks. <i>Advances in Structural Engineering</i> , 2019 , 22, 1426-1443	1.9	3
25	Strain model for discretely FRP confined concrete based on energy balance principle. <i>Engineering Structures</i> , 2021 , 241, 112489	4.7	3
24	Behaviour of square concrete filled FRP tube columns under concentric, uniaxial eccentric, biaxial eccentric and four-point bending loads. <i>Thin-Walled Structures</i> , 2021 , 168, 108252	4.7	3
23	Axial Load-Axial Deformation Behaviour of SCC Columns Reinforced with Steel Tubes. <i>Structures</i> , 2018 , 15, 259-269	3.4	2
22	Incorporation of graphene in slag-fly ash-based alkali-activated concrete. <i>Construction and Building Materials</i> , 2022 , 322, 126417	6.7	2
21	Seismic Site Classifications and Site Amplifications for the Urban Centres in the Shallow Overburden Deposits. <i>International Journal of Geotechnical Earthquake Engineering</i> , 2012 , 3, 86-108	0.2	2
20	Experimental Study of GFRP-Reinforced Geopolymer Concrete Columns under Different Loading Conditions. <i>Journal of Composites for Construction</i> , 2021 , 25,	3.3	2
19	Experimental and analytical investigations on the effectiveness of non-uniform CFRP wrapping on circularised RC columns. <i>Structure and Infrastructure Engineering</i> , 2020 , 1-16	2.9	2
18	Cyclic Behaviour of Scrap-Tyre Soil Mixtures. <i>Developments in Geotechnical Engineering</i> , 2019 , 303-311	0.4	2

17	Behaviour of prefabricated steel-concrete composite slabs with a novel interlocking system. Numerical analysis. <i>Engineering Structures</i> , 2021 , 245, 112905	4.7	2
16	Bond behavior between the nano-Al ₂ O ₃ -water-glass-modified magnesium-phosphate-cement mortar and steel fiber. <i>Construction and Building Materials</i> , 2021 , 306, 124814	6.7	2
15	Application of Multiple Objective Particle Swarm Optimisation in the Design of Damaged Offshore Mooring Systems. <i>Key Engineering Materials</i> , 2013 , 569-570, 1257-1264	0.4	1
14	Development of fibre-reinforced concrete mix for manufacturing non-prestressed concrete sleepers. <i>Structures</i> , 2022 , 37, 588-599	3.4	1
13	Axial Compressive Behavior of Steel Equal Angle Section-Reinforced Square High-Strength Concrete Column. <i>ACI Structural Journal</i> , 2018 , 115,	1.7	1
12	The Effect of Nano-SiO ₂ , Nano-Al ₂ O ₃ , and Nano-Fe ₂ O ₃ on the Compressive Strength and Workability of Magnesium Phosphate Cement-Based Mortar. <i>Advances in Civil Engineering Materials</i> , 2019 , 8, 20190014	0.7	1
11	Response of Concrete Beams Reinforced with GFRP Bars Under Static Loads. <i>Lecture Notes in Civil Engineering</i> , 2020 , 765-774	0.3	1
10	Response of Concrete Beams Reinforced with GFRP Bars Under Impact Loads. <i>Lecture Notes in Civil Engineering</i> , 2020 , 489-497	0.3	1
9	Behaviour of small-diameter self-compacting concrete-filled steel tubes. <i>Magazine of Concrete Research</i> , 2018 , 70, 811-821	2	1
8	Analytical load-moment (P-M) interaction diagrams of GFRP bar reinforced circular geopolymer concrete columns. <i>Structures</i> , 2021 , 34, 2445-2454	3.4	1
7	Mechanical properties of high ductility hybrid fibres reinforced magnesium phosphate cement-based composites. <i>Composite Structures</i> , 2022 , 284, 115219	5.3	0
6	Flexural strengthening of RC beams with NSM-GFRP technique incorporating innovative anchoring system. <i>Structures</i> , 2022 , 38, 251-264	3.4	0
5	Tensile Testing of Carbon FRP (CFRP) and Glass FRP (GFRP) Bars: An Experimental Study. <i>Journal of Testing and Evaluation</i> , 2021 , 49, 20180660	1	0
4	Analysis of concrete columns with high-performance concrete jackets and polymer wraps. <i>Proceedings of the Institution of Civil Engineers: Structures and Buildings</i> , 2021 , 1-12	0.9	0
3	Flexural behavior of high ductility MPC-based composites under low-temperature curing. <i>Construction and Building Materials</i> , 2021 , 300, 124231	6.7	0
2	Evaluation on the performance of magnesium phosphate cement-based engineered cementitious composites (MPC-ECC) with blended fly ash/silica fume. <i>Construction and Building Materials</i> , 2022 , 341, 127861	6.7	0
1	Mechanical properties of high-ductility magnesium phosphate cement composite cured at low temperatures. <i>Journal of Building Engineering</i> , 2021 , 44, 103275	5.2	