

# Ibrahim A Sharaky

## List of Publications by Year in descending order

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33  
papers

906  
citations

623188

14  
h-index

454577

30  
g-index

34  
all docs

34  
docs citations

34  
times ranked

431  
citing authors

#	ARTICLE	IF	CITATIONS
1	Flexural response of reinforced concrete (RC) beams strengthened with near surface mounted (NSM) fibre reinforced polymer (FRP) bars. Composite Structures, 2014, 109, 8-22.	3.1	166
2	An experimental study of different factors affecting the bond of NSM FRP bars in concrete. Composite Structures, 2013, 99, 350-365.	3.1	108
3	Experimental and analytical investigation into the flexural performance of RC beams with partially and fully bonded NSM FRP bars/strips. Composite Structures, 2015, 122, 113-126.	3.1	97
4	Effect of axial stiffness of NSM FRP reinforcement and concrete cover confinement on flexural behaviour of strengthened RC beams: Experimental and numerical study. Engineering Structures, 2018, 173, 987-1001.	2.6	63
5	Effect of different material and construction details on the bond behaviour of NSM FRP bars in concrete. Construction and Building Materials, 2013, 38, 890-902.	3.2	61
6	Flexural behavior of RC beams strengthened by NSM GFRP Bars having different end conditions. Composite Structures, 2016, 147, 131-142.	3.1	51
7	Experimental and numerical study of RC beams strengthened with bottom and side NSM GFRP bars having different end conditions. Construction and Building Materials, 2017, 149, 882-903.	3.2	49
8	EXPERIMENTAL STUDY OF THE INFLUENCE OF ADHESIVE PROPERTIES AND BOND LENGTH ON THE BOND BEHAVIOUR OF NSM FRP BARS IN CONCRETE. Journal of Civil Engineering and Management, 2016, 22, 808-817.	1.9	34
9	Effect of material properties on long-term deflections of GFRP reinforced concrete beams. Construction and Building Materials, 2013, 41, 99-108.	3.2	33
10	Flexural behavior of steel beams strengthened by carbon fiber reinforced polymer plates " Three dimensional finite element simulation. Materials & Design, 2010, 31, 1317-1324.	5.1	32
11	Experimental and theoretical study on the compressive strength of the high strength concrete incorporating steel fiber and metakaolin. Structures, 2021, 31, 57-67.	1.7	25
12	The influence of silica fume, nano silica and mixing method on the strength and durability of concrete. SN Applied Sciences, 2019, 1, 1.	1.5	19
13	The influence of interaction between NSM and internal reinforcements on the structural behavior of upgrading RC beams. Composite Structures, 2020, 234, 111751.	3.1	16
14	User Thermal Comfort in Historic Buildings: Evaluation of the Potential of Thermal Mass, Orientation, Evaporative Cooling and Ventilation. Sustainability, 2020, 12, 9672.	1.6	16
15	Potential of Solatube technology as passive daylight systems for sustainable buildings in Saudi Arabia. AEJ - Alexandria Engineering Journal, 2022, 61, 339-353.	3.4	15
16	Flexural response analysis of passive and active near-surface-mounted joints: experimental and finite element analysis. Materials and Structures/Materiaux Et Constructions, 2018, 51, 1.	1.3	14
17	Flexural behaviour of hollow concrete beams under three points loading: Experimental and numerical study. Structures, 2021, 32, 1543-1552.	1.7	14
18	Flexural response and load capacity of reinforced concrete beams strengthened with reinforced mortar layer. Engineering Structures, 2021, 245, 112884.	2.6	13

#	ARTICLE	IF	CITATIONS
19	Flexural behavior of rubberized concrete beams strengthened in shear using welded wire mesh. Composite Structures, 2020, 247, 112485.	3.1	13
20	Stakeholder's Perspective on Green Building Rating Systems in Saudi Arabia: The Case of LEED, Mostadam, and the SDGs. Sustainability, 2021, 13, 8463.	1.6	10
21	Failure Mechanism of Hybrid Steel Beams with Trapezoidal Corrugated-Web Non-Welded Inclined Folds. Materials, 2021, 14, 1424.	1.3	9
22	Developing and Applying a Model for Evaluating Risks Affecting Greening Existing Buildings. Sustainability, 2021, 13, 6403.	1.6	9
23	Strength and Water Absorption of Sustainable Concrete Produced with Recycled Basaltic Concrete Aggregates and Powder. Sustainability, 2021, 13, 6277.	1.6	7
24	Effect of Waste Basalt Fines and Recycled Concrete Components on Mechanical, Water Absorption, and Microstructure Characteristics of Concrete. Materials, 2022, 15, 4385.	1.3	7
25	An innovative approach to check buildings insulation efficiency using thermal cameras. Ain Shams Engineering Journal, 2022, 13, 101740.	3.5	6
26	Flexural Response and Failure Analysis of Solid and Hollow Core Concrete Beams with Additional Opening at Different Locations. Materials, 2021, 14, 7203.	1.3	4
27	Adjustment of the Indoor Environmental Quality Assessment Field for Taif City-Saudi Arabia. Sustainability, 2020, 12, 10275.	1.6	3
28	Numerical Analysis of Hybrid Steel Beams with Trapezoidal Corrugated Web Nonwelded Inclined Folds. Advances in Civil Engineering, 2021, 2021, 1-15.	0.4	3
29	Behavior of steel beams with different web profiles along the beam length. Journal of Constructional Steel Research, 2021, 185, 106875.	1.7	3
30	Mechanical properties and durability assessment of nylon fiber reinforced self-compacting concrete. Journal of Engineered Fibers and Fabrics, 2021, 16, 155892502110628.	0.5	3
31	Strength and Mass Loss Evaluation of HSC with Silica Fume and Nano-Silica Exposed to Elevated Temperatures. Arabian Journal for Science and Engineering, 2022, 47, 4187-4209.	1.7	2
32	Estudio de la adherencia de barras NSM FRP como refuerzo de estructuras de hormigón. , 2014, , 165-181.		0
33	Effect of Shear and Pure Bending Spans on the Behaviour of Steel Beams with Corrugated Webs. Materials, 2022, 15, 4675.	1.3	0