

# Ay Lie Han

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2869298/publications.pdf>

Version: 2024-02-01

19  
papers

116  
citations

1478505

6  
h-index

1372567

10  
g-index

20  
all docs

20  
docs citations

20  
times ranked

51  
citing authors

#	ARTICLE	IF	CITATIONS
1	Shear-bond behavior of self-compacting geopolymer concrete to conventional concrete. <i>Construction and Building Materials</i> , 2022, 321, 126167.	7.2	10
2	Carbon Fiber-Reinforced Polymer Rod Embedment Depth Influence on Concrete Strengthening. <i>Arabian Journal for Science and Engineering</i> , 2022, 47, 12685-12695.	3.0	5
3	Modeling of non-ductile RC structure under near-fault ground motions: A nonlinear finite element analysis. <i>Advances in Structural Engineering</i> , 2022, 25, 1878-1892.	2.4	4
4	Enhancement of flexural performance of RC beams with steel wire rope by external strengthening technique. <i>Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A/Chung-kuo Kung Ch'eng Hsueh K'an</i> , 2021, 44, 193-203.	1.1	5
5	The Effect of Slag Cement Substitution on the Water to cement Ratio, Setting Time and Compression Strength of Mortar at the age of 14 and 28 Days. <i>Media Komunikasi Teknik Sipil</i> , 2021, 26, 204-211.	0.1	0
6	Negative moment region flexural strengthening system of RC T-beams with half-embedded NSM FRP rods: a parametric analytical approach. <i>Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A/Chung-kuo Kung Ch'eng Hsueh K'an</i> , 2021, 44, 553-561.	1.1	6
7	The development of A Simulation Tool for Numerical Modelling of High Flexure and High Shear Reinforced Concrete Elements. <i>Teknik</i> , 2021, 42, 106-116.	0.1	0
8	Effect of specimen gauge reduction on uniaxial tension properties of reinforcing steel. <i>Journal of Iron and Steel Research International</i> , 2020, 27, 964-971.	2.8	0
9	Proposed Design Philosophy for Seismic-Resistant Buildings. <i>Civil Engineering Dimension</i> , 2019, 21, 1-5.	0.3	5
10	Bond-shear Behavior of FRP Rods as a Function of Attachment Configuration. <i>Journal of Advanced Civil and Environmental Engineering</i> , 2018, 1, 9.	0.1	4
11	Influence of the Stiffness Modulus and Volume Fraction of Inclusions on Compressive Strength of Concrete. <i>Procedia Engineering</i> , 2017, 171, 760-767.	1.2	6
12	Experimental Study on the Concrete Surface Preparation Influence to the Tensile and Shear Bond Strength of Synthetic Wraps. <i>Procedia Engineering</i> , 2017, 171, 1116-1122.	1.2	7
13	Revitalization of Cracked Flexural Members Using Retrofitting and Synthetic Wrapping. <i>Procedia Engineering</i> , 2017, 171, 1123-1128.	1.2	3
14	The Behavior of Graded Concrete, an Experimental Study. <i>Procedia Engineering</i> , 2015, 125, 885-891.	1.2	26
15	An Experimental Study to the Influence of Fiber Reinforced Polymer (FRP) Confinement on Beams Subjected to Bending and Shear. <i>Procedia Engineering</i> , 2015, 125, 1070-1075.	1.2	22
16	Modelling the Relationship of the Flexural Rigidity Factor and Reinforcement Ratio by Numerical Simulation. <i>Procedia Engineering</i> , 2014, 95, 241-251.	1.2	4
17	Proposal for fast calculation of particle interactions in SPH simulations. <i>Computers and Fluids</i> , 2014, 104, 20-29.	2.5	3
18	The Effect of Aggregate Shape and Configuration to the Concrete Behavior. <i>Smart Science</i> , 2014, 2, 85-90.	3.2	5

#	ARTICLE	IF	CITATIONS
19	Modeling the Interfacial Transition Zone between Steel and Concrete Materials in Composite Constructions. , 2012, , .		1