

# Majid Khormi

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## Educations:

2016-Present	<i>PhD Student</i> <i>Polytechnic University of Valencia, Spain.</i>
2008-2011	<i>M.Sc., Structural Engineering (GPA 17.96/20)</i> <i>University Tehran Azad-Iran</i>
2005–2008	<i>B.Sc., Civil Engineering (GPA 18.029/20)</i> <i>University Yazd Azad-Iran</i>
2003-2005	<i>Associate Degree, Civil Engineering (GPA 18.27/20)</i> <i>Bahonar Technical Institute Shiraz-Iran</i>

## Academis Experiences:

- ❖ Assistant professor at Escuela Superior Politécnica del Litoral (Espol)- Ecuador. Present
- ❖ Assistant professor at Technological University of Ecuador (UTE)- Ecuador. Sep 2015- Present
- ❖ Inviting professor at the polytechnic university of Ecuador (EPN)- Ecuador. Sep 2015- Sep 2017
- ❖ Inviting profesor at Azad University, Equilid-Fars Iran. Sep 2012 –Sep 2014
- ❖ Inviting professor at the University of Payame Noor, Varamin-Iran. Feb 2011- Feb2012
- ❖ Inviting professor at the University of Payame Noor, Qom-Iran. Sep 2010- Feb 2012

## Investigation field:

- ❖ Ultra-High Performance Fibre Reinforced Concrete (UHPRFC)
- ❖ Fiber-Reinforced Concrete (FRC)
- ❖ Shear Connector
- ❖ Concrete Technology
- ❖ Artificial Intelligence
- ❖ Structural Engineering
- ❖ Structural reliability

## Languages:

- ❖ English
- ❖ Spanish
- ❖ Persian

## Publications:

	<b>Title</b>	<b>Quartile</b>	<b>Link</b>
1	Assessment of Longstanding Effects of Fly Ash and Silica Fume on the Compressive Strength of Concrete Using Extreme Learning Machine and Artificial Neural Network[1]	Q4	<a href="http://jaec.vn/index.php/JAEC/article/view/308">http://jaec.vn/index.php/JAEC/article/view/308</a>
2	Tensile behaviour of reinforced UHPFRC elements under serviceability conditions[2]	Q1	<a href="https://link.springer.com/article/10.1617/s11527-021-01630-z">https://link.springer.com/article/10.1617/s11527-021-01630-z</a>
3	The effects of multi-directional functionally graded materials on the natural frequency of the doubly-curved nanoshells[3]	Q1	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0263822320333298?via%3Dihub">https://www.sciencedirect.com/science/article/abs/pii/S0263822320333298?via%3Dihub</a>
4	Nonlocal dynamic modeling of mass sensors consisting of graphene sheets based on strain gradient theory [4]	Q1	<a href="http://www.techno-press.org/content/?page=article&amp;journal=anr&amp;volume=9&amp;num=4&amp;ordernum=1">http://www.techno-press.org/content/?page=article&amp;journal=anr&amp;volume=9&amp;num=4&amp;ordernum=1</a>
5	The Effect of Fiber Content on the Post-cracking Tensile Stiffness Capacity of R-UHPFRC[5]	Q3	<a href="https://link.springer.com/chapter/10.1007/978-3-030-58482-5_98">https://link.springer.com/chapter/10.1007/978-3-030-58482-5_98</a>
6	On the dynamics of the ultra-fast rotating cantilever orthotropic piezoelectric nanodisk based on nonlocal strain gradient theory [6]	Q1	<a href="https://www.sciencedirect.com/science/article/pii/S0263822320329160">https://www.sciencedirect.com/science/article/pii/S0263822320329160</a>
7	Analysis of adaptive e-learning systems with adjustment of Felder-Silverman model in a Moodle DLS[7]	Q1	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1002/cae.22251">https://onlinelibrary.wiley.com/doi/abs/10.1002/cae.22251</a>
8	Analysis of extended end plate connection equipped with SMA bolts using component method[8]	Q1	<a href="http://www.techno-press.org/content/?page=article&amp;journal=scs&amp;volume=36&amp;num=2&amp;ordernum=7">http://www.techno-press.org/content/?page=article&amp;journal=scs&amp;volume=36&amp;num=2&amp;ordernum=7</a>
9	Experimental methodology on the serviceability behaviour of reinforced ultra-high performance fibre reinforced concrete tensile elements [9]	Q1	<a href="https://onlinelibrary.wiley.com/doi/full/10.1111/str.12361">https://onlinelibrary.wiley.com/doi/full/10.1111/str.12361</a>
10	Development of neuro-fuzzy and neuro-bee predictive models for prediction of the safety factor of eco-protection slopes [10]	Q2	<a href="https://www.sciencedirect.com/science/article/pii/S037843711932237X?via%3Dihub">https://www.sciencedirect.com/science/article/pii/S037843711932237X?via%3Dihub</a>
11	A testing method for studying the serviceability behavior of reinforced UHPFRC tensile ties [11]	Q1	<a href="https://iopscience.iop.org/article/10.1088/1757-899X/596/1/012022">https://iopscience.iop.org/article/10.1088/1757-899X/596/1/012022</a>
12	Moment-rotation estimation of steel rack connection using extreme learning machine[12]	Q1	<a href="http://www.techno-press.org/content/?page=article&amp;journal=scs&amp;volume=31&amp;num=5&amp;ordernum=1">http://www.techno-press.org/content/?page=article&amp;journal=scs&amp;volume=31&amp;num=5&amp;ordernum=1</a>
13	UML diagrams for dynamical monitoring of rail vehicles [13]	Q2	<a href="https://www.sciencedirect.com/science/article/pii/S0378437119307009">https://www.sciencedirect.com/science/article/pii/S0378437119307009</a>
14	Intelligent design of retaining wall structures under dynamic conditions [14]	Q1	<a href="http://www.techno-press.org/content/?page=article&amp;journal=scs&amp;volume=31&amp;num=6&amp;ordernum=7">http://www.techno-press.org/content/?page=article&amp;journal=scs&amp;volume=31&amp;num=6&amp;ordernum=7</a>
15	Moment-rotation prediction of precast beam-to-column connections using extreme learning machine[15]	Q1	<a href="http://www.techno-press.org/content/?page=article&amp;journal=sem&amp;volume=70&amp;num=5&amp;ordernum=10">http://www.techno-press.org/content/?page=article&amp;journal=sem&amp;volume=70&amp;num=5&amp;ordernum=10</a>
16	Developed comparative analysis of metaheuristic optimization algorithms for optimal active control of structures[16]	Q1	<a href="https://link.springer.com/article/10.1007%2Fs00366-019-00780-7">https://link.springer.com/article/10.1007%2Fs00366-019-00780-7</a>
17	Developing a hybrid adoptive neuro-fuzzy inference system in predicting safety of factors of slopes subjected to surface eco-protection techniques [17]	Q1	<a href="https://link.springer.com/article/10.1007/s00366-019-00768-3">https://link.springer.com/article/10.1007/s00366-019-00768-3</a>
18	Development of a novel hybrid intelligent model for solving engineering problems using GS-GMDH algorithm[18]	Q1	<a href="https://link.springer.com/article/10.1007/s00366-019-00769-2">https://link.springer.com/article/10.1007/s00366-019-00769-2</a>
19	Simplification analysis of suction pile using two dimensions finite element modeling[19]	Q2	<a href="http://www.techno-press.org/content/?page=article&amp;journal=gae&amp;volume=17&amp;num=4&amp;ordernum=1">http://www.techno-press.org/content/?page=article&amp;journal=gae&amp;volume=17&amp;num=4&amp;ordernum=1</a>
20	Behavior of steel storage pallet racking connection - A review [20]	Q1	<a href="http://www.techno-press.org/content/?page=article&amp;journal=scs&amp;volume=30&amp;num=5&amp;ordernum=5">http://www.techno-press.org/content/?page=article&amp;journal=scs&amp;volume=30&amp;num=5&amp;ordernum=5</a>
21	An experimental study on the effect of CFRP on behavior of reinforce concrete beam column connections[21]	Q1	<a href="http://www.techno-press.org/content/?page=article&amp;journal=scs&amp;volume=30&amp;num=5&amp;ordernum=3">http://www.techno-press.org/content/?page=article&amp;journal=scs&amp;volume=30&amp;num=5&amp;ordernum=3</a>
22	Application of polymer, silica-fume and crushed rubber in the production of Pervious concrete[22]	Q2	<a href="http://www.techno-press.org/content/?page=article&amp;journal=scs&amp;volume=30&amp;num=5&amp;ordernum=3">http://www.techno-press.org/content/?page=article&amp;journal=scs&amp;volume=30&amp;num=5&amp;ordernum=3</a>

			<a href="http://www.techno-press.org/?page=container&amp;volume=30/3&amp;journal=scs#">ournal=sss&amp;volume=23&amp;num=2&amp;ordernum=8</a>
23	Computational and experimental analysis of beam to column joints reinforced with CFRP plates[23]	Q1	<a href="http://www.techno-press.org/?page=container&amp;volume=30/3&amp;journal=scs#">http://www.techno-press.org/?page=container&amp;volume=30/3&amp;journal=scs#</a>
24	Optimum cost design of frames using genetic algorithms [24]	Q1	<a href="http://www.techno-press.org/?page=container&amp;volume=30/3&amp;journal=scs#">http://www.techno-press.org/?page=container&amp;volume=30/3&amp;journal=scs#</a>
25	Computational optimized finite element modelling of mechanical interaction of concrete with fiber reinforced polymer[25]	Q2	<a href="http://www.techno-press.org/content/?page=article&amp;journal=cac&amp;volume=23&amp;num=1&amp;ordernum=6">http://www.techno-press.org/content/?page=article&amp;journal=cac&amp;volume=23&amp;num=1&amp;ordernum=6</a>
26	An urban river park restoration assessment model using analytical network process (ANP)[26]	Q4	<a href="http://www.jett.dormaj.com/docs/Volume7/Issue%201/html/An%20Urban%20River%20Park%20Restoration%20Assessment%20Model%20using%20Analytical%20Network%20Process%20(ANP).html">http://www.jett.dormaj.com/docs/Volume7/Issue%201/html/An%20Urban%20River%20Park%20Restoration%20Assessment%20Model%20using%20Analytical%20Network%20Process%20(ANP).html</a>
27	A treatment wetland park assessment model for evaluating urban ecosystem stability using analytical hierarchy process (AHP)[27]	Q4	<a href="http://jett.dormaj.com/inpress.html">http://jett.dormaj.com/inpress.html</a>
28	An intelligent based-model role to simulate the factor of safe slope by support vector regression[28]	Q2	<a href="https://link.springer.com/article/10.1007/s00366-018-0677-4">https://link.springer.com/article/10.1007/s00366-018-0677-4</a>
29	Practical use of computational building information modeling in repairing and maintenance of hospital building- case study[29]	Q2	<a href="http://www.techno-press.org/content/?page=article&amp;journal=sss&amp;volume=22&amp;num=5&amp;ordernum=6">http://www.techno-press.org/content/?page=article&amp;journal=sss&amp;volume=22&amp;num=5&amp;ordernum=6</a>
30	Simulating the peak particle velocity in rock blasting projects using a neuro-fuzzy inference system[30]	Q2	<a href="https://link.springer.com/article/10.1007/978-3-319-6659-6#citeas">https://link.springer.com/article/10.1007/978-3-319-6659-6#citeas</a>
31	A review on pavement porous concrete using recycled waste materials [31]	Q2	<a href="http://www.techno-press.com/?page=container&amp;journal=sss&amp;volume=22&amp;num=4">http://www.techno-press.com/?page=container&amp;journal=sss&amp;volume=22&amp;num=4</a>
32	Portland cement structure and its major oxides and fineness[32]	Q2	<a href="http://www.techno-press.com/?page=container&amp;journal=sss&amp;volume=22&amp;num=4">http://www.techno-press.com/?page=container&amp;journal=sss&amp;volume=22&amp;num=4</a>
33	Application of support vector machine with firefly algorithm for investigation of the factors affecting the shear strength of angle shear connectors[33]	Q2	<a href="http://www.techno-press.com/?page=container&amp;journal=sss&amp;volume=22&amp;num=4">http://www.techno-press.com/?page=container&amp;journal=sss&amp;volume=22&amp;num=4</a>
34	Applying two optimization techniques in evaluating tensile strength of granitic samples[34]	Q2	<a href="https://link.springer.com/article/10.1007/s00366-018-0645-z">https://link.springer.com/article/10.1007/s00366-018-0645-z</a>
35	Strengthening of bolted shear joints in industrialized ferrocement construction[35]	Q1	<a href="http://www.techno-press.org/content/?page=article&amp;journal=scs&amp;volume=28&amp;num=6&amp;ordernum=3">http://www.techno-press.org/content/?page=article&amp;journal=scs&amp;volume=28&amp;num=6&amp;ordernum=3</a>
36	Application of ANFIS technique on performance of C and L shaped angle shear connectors[36]	Q2	<a href="http://www.techno-press.org/content/?page=article&amp;journal=sss&amp;volume=22&amp;num=3&amp;ordernum=8">http://www.techno-press.org/content/?page=article&amp;journal=sss&amp;volume=22&amp;num=3&amp;ordernum=8</a>
37	Shear capacity equation for channel shear connectors in steel-concrete composite beams[37]	Q1	<a href="http://www.techno-press.org/?page=container&amp;journal=scs&amp;volume=28&amp;num=4#">http://www.techno-press.org/?page=container&amp;journal=scs&amp;volume=28&amp;num=4#</a>
38	Computational investigation of the comparative analysis of cylindrical barns subjected to earthquake[38]	Q1	<a href="http://www.techno-press.org/?page=container&amp;journal=scs&amp;volume=28&amp;num=4#">http://www.techno-press.org/?page=container&amp;journal=scs&amp;volume=28&amp;num=4#</a>
39	Investigation of pipe shear connectors using push out test[39]	Q1	<a href="http://www.techno-press.org/?page=container&amp;volume=27/5&amp;journal=scs">http://www.techno-press.org/?page=container&amp;volume=27/5&amp;journal=scs</a>
40	Seismic performance evaluation of buckling restrained braced frames (brbf) using incremental nonlinear dynamic analysis method (ida)[40]	Q2	<a href="http://www.dspace.uce.edu.ec/bitstream/25000/14271/1/Seismic%20performance%20evaluation%20of%20buckling%20restrained%20braced%20frames%20%28BRBF%29%20using%20incremental%20nonlinear%20dynamic%20analysis%20method%20%28IDA%29.pdf">http://www.dspace.uce.edu.ec/bitstream/25000/14271/1/Seismic%20performance%20evaluation%20of%20buckling%20restrained%20braced%20frames%20%28BRBF%29%20using%20incremental%20nonlinear%20dynamic%20analysis%20method%20%28IDA%29.pdf</a>
41	Evaluation of the seismic performance of special moment frames using incremental nonlinear dynamic analysis [41]	Q2	<a href="http://www.dspace.uce.edu.ec/handle/25000/13039">http://www.dspace.uce.edu.ec/handle/25000/13039</a>
42	A sustainable historic waterfront revitalization decision support tool for attracting tourists [42]	Q2	<a href="http://www.mdpi.com/2071-1050/10/2/215">http://www.mdpi.com/2071-1050/10/2/215</a>

43	Rethinking construction corporate social responsibility practices: construction neighborhood[43]	Q4	<a href="http://www.iioab.org/currentissue.htm">http://www.iioab.org/currentissue.htm</a>
44	Distribution of shear force in Perforated shear connectors [44]	Q1	<a href="http://www.techno-press.org/?journal=scs&amp;subpage=8">http://www.techno-press.org/?journal=scs&amp;subpage=8</a>
45	Evaluation of the parameters affecting the Schmidt rebound hammer reading using ANFIS method[45]	Q3	<a href="http://www.techno-press.org/?page=container&amp;journal=cac&amp;volume=21&amp;num=5">http://www.techno-press.org/?page=container&amp;journal=cac&amp;volume=21&amp;num=5</a>
46	Experimental investigations on monotonic and cyclic behavior of steel pallet rack connections[46]	Q1	<a href="https://www.sciencedirect.com/science/article/abs/pii/S1350630716312444">https://www.sciencedirect.com/science/article/abs/pii/S1350630716312444</a>
47	Green Driver: Travel Behaviors Revisited on Fuel Saving and Less Emission[47]	Q2	<a href="http://www.mdpi.com/2071-1050/10/2/325">http://www.mdpi.com/2071-1050/10/2/325</a>

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