

# Seung-Yong Ok

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

493  
citations

687363

13  
h-index

677142

22  
g-index

33  
all docs

33  
docs citations

33  
times ranked

464  
citing authors

#	ARTICLE	IF	CITATIONS
1	Semi-active fuzzy control of cable-stayed bridges using magneto-rheological dampers. <i>Engineering Structures</i> , 2007, 29, 776-788.	5.3	96
2	Optimal design of hysteretic dampers connecting adjacent structures using multi-objective genetic algorithm and stochastic linearization method. <i>Engineering Structures</i> , 2008, 30, 1240-1249.	5.3	72
3	System reliability analysis using dominant failure modes identified by selective searching technique. <i>Reliability Engineering and System Safety</i> , 2013, 119, 316-331.	8.9	44
4	Fuzzy supervisory control of earthquake-excited cable-stayed bridges. <i>Engineering Structures</i> , 2005, 27, 1086-1100.	5.3	32
5	Development of optimal design formula for bi-tuned mass dampers using multi-objective optimization. <i>Journal of Sound and Vibration</i> , 2009, 322, 60-77.	3.9	27
6	Optimal design of actively controlled adjacent structures for balancing the mutually conflicting objectives in design preference aspects. <i>Engineering Structures</i> , 2012, 45, 213-222.	5.3	25
7	Robust design of seismic isolation system using constrained multi-objective optimization technique. <i>KSCE Journal of Civil Engineering</i> , 2013, 17, 1051-1063.	1.9	25
8	Multi-scale system reliability analysis of lifeline networks under earthquake hazards. <i>Earthquake Engineering and Structural Dynamics</i> , 2010, 39, 259-279.	4.4	22
9	Cost-effectiveness evaluation of an MR damper system based on a life-cycle cost concept. <i>KSCE Journal of Civil Engineering</i> , 2013, 17, 145-154.	1.9	20
10	Modal-space reference-model-tracking fuzzy control of earthquake excited structures. <i>Journal of Sound and Vibration</i> , 2015, 334, 136-150.	3.9	19
11	Hybrid control approach for seismic coupling of two similar adjacent structures. <i>Journal of Sound and Vibration</i> , 2015, 349, 1-17.	3.9	18
12	Robust structural damage identification based on multi-objective optimization. <i>International Journal for Numerical Methods in Engineering</i> , 2010, 81, 786-804.	2.8	15
13	Preference-based maintenance planning for deteriorating bridges under multi-objective optimisation framework. <i>Structure and Infrastructure Engineering</i> , 2011, 7, 633-644.	3.7	13
14	A new approach to system reliability analysis of offshore structures using dominant failure modes identified by selective searching technique. <i>KSCE Journal of Civil Engineering</i> , 2017, 21, 2360-2372.	1.9	13
15	Optimal design of hybrid control system for new and old neighboring buildings. <i>Journal of Sound and Vibration</i> , 2015, 336, 16-31.	3.9	12
16	Optimal performance design of bi-Tuned Mass Damper systems using multi-objective optimization. <i>KSCE Journal of Civil Engineering</i> , 2008, 12, 313-322.	1.9	8
17	Robust multi-objective maintenance planning of deteriorating bridges against uncertainty in performance model. <i>Advances in Engineering Software</i> , 2013, 65, 32-42.	3.8	6
18	Tuned mass damper asymmetric coupling system for vibration control of adjacent twin buildings. <i>Advances in Structural Engineering</i> , 2020, 23, 954-968.	2.4	6

#	ARTICLE	IF	CITATIONS
19	Coupling ATMD System for Seismic Response Control of Two Adjacent Buildings. Shock and Vibration, 2019, 2019, 1-16.	0.6	4
20	Robust Performance of Fuzzy Supervisory Control for Seismically Excited Cable-Stayed Bridge. Advances in Structural Engineering, 2012, 15, 1197-1211.	2.4	3
21	Multi-scale Dynamic System Reliability Analysis of Actively-controlled Structures under Random Stationary Ground Motions. KSCE Journal of Civil Engineering, 2019, 23, 1259-1270.	1.9	3
22	Behavioral Characteristics Investigation of Rack Structure Depending on Forklift Impact Scenarios and Storage Distributions. Journal of the Korean Society of Safety, 2013, 28, 49-56.	0.0	3
23	Hybrid optimization design approach of asymmetric base-isolation coupling system for twin buildings. Journal of Low Frequency Noise Vibration and Active Control, 2021, 40, 1993-2013.	2.9	2
24	Optimal design of nonlinear seismic isolation system by a multi-objective optimization technique integrated with a stochastic linearization method. Journal of the Earthquake Engineering Society of Korea, 2010, 14, 1-13.	0.2	2
25	System Reliability Analysis of Rack Storage Facilities. Journal of the Korean Society of Safety, 2014, 29, 116-122.	0.0	2
26	Fuzzy gain-tuning approach for active control system adaptable to physical constraints. KSCE Journal of Civil Engineering, 2015, 19, 1468-1474.	1.9	1
27	Multiobjective Optimization Approach for Robust Bridge Damage Identification against Sensor Noise. Shock and Vibration, 2018, 2018, 1-12.	0.6	0
28	FORM-based Structural Reliability Analysis of Dynamical Active Control System. Journal of the Korean Society of Safety, 2013, 28, 74-80.	0.0	0
29	Efficient Vibration Control Approach of Two Identical Adjacent Structures. Journal of the Korean Society of Safety, 2014, 29, 56-63.	0.0	0
30	Factor Analysis and Intergroup Awareness Investigation of Workers' Safety in Logistic Center. Journal of the Korean Society of Safety, 2015, 30, 113-119.	0.0	0
31	Dynamic Response based Reliability Analysis of Structure with Passive Damper - Part 1: Assessment of Member Failure Probability. Journal of the Korean Society of Safety, 2016, 31, 90-96.	0.0	0
32	Dynamic Response based System Reliability Analysis of Structure with Passive Damper - Part 2: Assessment of System Failure Probability. Journal of the Korean Society of Safety, 2016, 31, 95-101.	0.0	0
33	Seismic Performance Assessment of Atmospheric Surge Tank. Journal of the Korean Society of Safety, 2016, 31, 67-73.	0.0	0