Khanh Nguyen

List of Publications by Year
in descending order

11 papers	**154** citations	1306789 **7** h-index	1588620 **8** g-index
11 all docs	**11** docs citations	**11** times ranked	**162** citing authors

#	Article	IF	Citations
1	Computational Modeling of Dislocation Slip Mechanisms in Crystal Plasticity: A Short Review. Crystals, 2021, 11, 42.	1.0	11
2	On the network orientational affinity assumption in polymers and the micro–macro connection through the chain stretch. Journal of the Mechanics and Physics of Solids, 2021, 148, 104279.	2.3	13
3	Analytical and simplified models for dynamic analysis of short skew bridges under moving loads. Advances in Structural Engineering, 2019, 22, 2076-2088.	1.2	8
4	Dynamic Effects of Turbulent Crosswind on the Serviceability State of Vibrations of a Slender Arch Bridge Including Wind–Vehicle–Bridge Interaction. Journal of Bridge Engineering, 2017, 22, 06017005.	1.4	10
5	Exploring the Potential of the Functionally Graded SCCC for Developing Sustainable Concrete Solutions. Journal of Advanced Concrete Technology, 2015, 13, 193-204.	0.8	16
6	Assessment of serviceability limit state of vibrations in the UHPFRC-Wild bridge through an updated FEM using vehicle-bridge interaction. Computers and Structures, 2015, 156, 29-41.	2.4	21
7	Comparison of dynamic effects of high-speed traffic load on ballasted track using a simplified two-dimensional and full three-dimensional model. Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit, 2014, 228, 128-142.	1.3	46
8	Serviceability limit state of vibrations in under-deck cable-stayed bridges accounting for vehicle-structure interaction. Engineering Structures, 2014, 61, 61-72.	2.6	29
9	Comfort in Slender Bridges Subjected to Traffic Loading and Hammering Effects. , 2014, , .		0
10	Structural Performance of UHPFRC Wild Bridge during Construction Using the Advanced Bridge Monitoring. IABSE Symposium Report, 2014, , .	0.0	0
11	Finite Element Model Updating of a High Building based on the experimental modal parameters. IABSE Symposium Report, 2014, , .	0.0	0