

Hongyuan Guo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5294615/publications.pdf>

Version: 2024-02-01

7
papers

154
citations

1478505

6
h-index

1872680

6
g-index

7
all docs

7
docs citations

7
times ranked

104
citing authors

#	ARTICLE	IF	CITATIONS
1	Corrosion non-uniformity of steel bars and reliability of corroded RC beams. <i>Engineering Structures</i> , 2018, 167, 188-202.	5.3	74
2	Polarization behavior of activated reinforcing steel bars in concrete under chloride environments. <i>Construction and Building Materials</i> , 2018, 164, 877-887.	7.2	21
3	Comparative life cycle assessment of composite structures incorporating uncertainty and global sensitivity analysis. <i>Engineering Structures</i> , 2021, 242, 112394.	5.3	18
4	Durability assessment of reinforced concrete structures considering global warming: A performance-based engineering and experimental approach. <i>Construction and Building Materials</i> , 2020, 233, 117251.	7.2	17
5	Probabilistic failure analysis, performance assessment, and sensitivity analysis of corroded reinforced concrete structures. <i>Engineering Failure Analysis</i> , 2021, 124, 105328.	4.0	15
6	Efficient subset simulation for rare-event integrating point-evolution kernel density and adaptive polynomial chaos kriging. <i>Mechanical Systems and Signal Processing</i> , 2022, 169, 108762.	8.0	9
7	Deterioration model of RC beams under marine atmospheric environment. <i>MATEC Web of Conferences</i> , 2018, 199, 02012.	0.2	0