Rasmus Rempling

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2932685/publications.pdf

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28	325	1040056	839539
papers	citations	9 h-index	18 g-index

28	28	28	163
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Monitoring of new and existing stainless-steel reinforced concrete structures by clad distributed optical fibre sensing. Structural Health Monitoring, 2023, 22, 257-275.	7.5	6
2	Optimal time for contractors to enter infrastructure projects. Procedia Computer Science, 2022, 196, 990-998.	2.0	1
3	The interplay between corrosion and cracks in reinforced concrete beams with non-uniform reinforcement corrosion. Materials and Structures/Materiaux Et Constructions, 2022, 55, 1.	3.1	13
4	Process for verification of performance requirements for transport infrastructure. IABSE Symposium Report, 2022, , .	0.0	0
5	Crack monitoring in reinforced concrete beams by distributed optical fiber sensors. Structure and Infrastructure Engineering, 2021, 17, 124-139.	3.7	89
6	Multi-objective constrained Bayesian optimization for structural design. Structural and Multidisciplinary Optimization, 2021, 63, 689-701.	3.5	27
7	Assessment and visualization of performance indicators of reinforced concrete beams by distributed optical fibre sensing. Structural Health Monitoring, 2021, 20, 3309-3326.	7.5	35
8	Characterization of concrete shrinkage induced strains in internally-restrained RC structures by distributed optical fiber sensing. Cement and Concrete Composites, 2021, 120, 104058.	10.7	23
9	The role of social ties in collaborative project networks: A tale of two construction cases. Construction Management and Economics, 2021, 39, 723-738.	3.0	9
10	Long-Term Performance of Distributed Optical Fiber Sensors Embedded in Reinforced Concrete Beams under Sustained Deflection and Cyclic Loading. Sensors, 2021, 21, 6338.	3.8	15
11	Climate impact estimation â€“ from feasibility study to handover. , 2021, , .		1
12	A fiber optics enriched Digital Twin for assessment of reinforced concrete structures. , 2021, , .		1
13	Life Cycle Sustainability Performance Assessment Method for Comparison of Civil Engineering Works Design Concepts: Case Study of a Bridge. International Journal of Environmental Research and Public Health, 2020, 17, 7909.	2.6	11
14	LIFE CYCLE SUSTAINABILITY ASSESSMENT FOR MULTI-CRITERIA DECISION MAKING IN BRIDGE DESIGN: A REVIEW. Journal of Civil Engineering and Management, 2020, 26, 690-704.	3.5	31
15	Integrated project team performance in early design stages â€“ performance indicators influencing effectiveness in bridge design. Architectural Engineering and Design Management, 2019, 15, 249-266.	1.7	10
16	Automatic structural design by a set-based parametric design method. Automation in Construction, 2019, 108, 102936.	9.8	24
17	Structural Health Monitoring of RC structures using optic fiber strain measurements: a deep learning approach. IABSE Symposium Report, 2019, , .	0.0	4
18	Predicting project performance using pre-construction performance indicatorsâ€“a case study evaluation. , 2019, , .		0

#	Article	IF	Citations
19	Impact propagation effects along reinforced concrete beams. IABSE Symposium Report, 2019, , .	0.0	2
20	Multi-criteria decision analysis methods to support sustainable infrastructure construction. IABSE Symposium Report, 2019, , .	0.0	6
21	Sustainability-driven structural design using artificial intelligence. IABSE Symposium Report, 2019, , .	0.0	4
22	Key aspects of digital image correlation in impact tests of reinforced concrete beams. IABSE Symposium Report, 2019, , .	0.0	3
23	Applying a Set-based Parametric Design Method to Structural Design of Bridges. , 2018, , .		1
24	Enhanced strut-and-tie model for reinforced concrete pile caps. , 2017, , .		2
25	Climate impact optimization in concrete bridge construction. , 2017, , .		0
26	Methodology for selection of production method in an early stage â€“ improved conceptual design process. , 2017, , .		0
27	Integrated project teams in early design stages â€“ Key variables influencing cost effectiveness in bridge building. , 2016, , .		0
28	Aspects of Integrated Design of Structures: Parametric Models, Creative Space and Linked Knowledge. Civil Engineering and Architecture, 2015, 3, 143-152.	0.4	7