

Klaus Thiele

List of Publications by Year in descending order

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16
papers

301
citations

1040056

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888059

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21
all docs

21
docs citations

21
times ranked

293
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and Parameter Identification of Wire and Arc Additively Manufactured (WAAM) Steel Bars for Use in Construction. <i>Metals</i> , 2019, 9, 725.	2.3	81
2	Innovative analysis of a buried operating pipeline subjected to strike-slip fault movement. <i>Soil Dynamics and Earthquake Engineering</i> , 2018, 107, 234-249.	3.8	40
3	Critical and post-critical behaviour of two-degree-of-freedom flutter-based generators. <i>Journal of Sound and Vibration</i> , 2017, 404, 116-140.	3.9	39
4	Tuned mass dampers in wind response control of wind turbine with soil-structure interaction. <i>Soil Dynamics and Earthquake Engineering</i> , 2020, 132, 106071.	3.8	35
5	Evaluation of rack connection mechanical properties by means of the Component Method. <i>Journal of Constructional Steel Research</i> , 2018, 149, 207-224.	3.9	24
6	Experimental study and mathematical modeling on the unsteady galloping of a bridge deck with open cross section. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2020, 203, 104170.	3.9	15
7	Aerodynamic damping of nonlinear movement of conductor cables in wind tunnel tests, numerical simulations and full scale measurements. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2017, 169, 47-53.	3.9	13
8	Wake oscillator modeling the combined instability of vortex induced vibration and galloping for a 2:1 rectangular cylinder. <i>Journal of Fluids and Structures</i> , 2022, 110, 103530.	3.4	10
9	Flexural Capacity of Steel Rack Connections Via The Component Method. <i>Open Construction and Building Technology Journal</i> , 2018, 12, 90-100.	0.7	9
10	Measurements of downburst wind loading acting on an overhead transmission line in Northern Germany. <i>Procedia Engineering</i> , 2017, 199, 3152-3157.	1.2	7
11	Wind turbulence parameters from three dimensional full-scale measurements at 344m high guyed mast site Gartow 2. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2018, 172, 341-350.	3.9	7
12	Modelling the strain rate dependent hardening of constructional steel using semi-empirical models. <i>Journal of Constructional Steel Research</i> , 2018, 145, 414-424.	3.9	5
13	Zur Ermüdungsfestigkeit von feuerverzinkten Zugstäben mit Endgewinden. <i>Stahlbau</i> , 2015, 84, 584-588.	0.1	3
14	Extension of wake oscillator model for continuous system and application to the VIV-galloping instability of a bridge during launching phase. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2021, 218, 104769.	3.9	2
15	Bemessung von Fachwerkknoten mit Kreishohlprofilen und Knotenblechen unter Zugbeanspruchung. <i>Stahlbau</i> , 2013, 82, 573-582.	0.1	1
16	Ansatz zur Risserkennung in Stahlblechen anhand der Verzerrung von Lamb-Wellen. <i>Bautechnik</i> , 2014, 91, 425-429.	0.1	1