

Piotr GÅ³rski

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

357
citations

1040056

9
h-index

794594

19
g-index

26
all docs

26
docs citations

26
times ranked

271
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of GPS technology to measurements of displacements of high-rise structures due to weak winds. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2002, 90, 223-230.	3.9	71
2	The Stuttgart TV Tower " displacement of the top caused by the effects of sun and wind. <i>Engineering Structures</i> , 2008, 30, 2771-2781.	5.3	67
3	Investigation of dynamic characteristics of tall industrial chimney based on GPS measurements using Random Decrement Method. <i>Engineering Structures</i> , 2015, 83, 30-49.	5.3	39
4	Dynamic characteristic of tall industrial chimney estimated from GPS measurement and frequency domain decomposition. <i>Engineering Structures</i> , 2017, 148, 277-292.	5.3	32
5	Strouhal number of bridge cables with ice accretion at low flow turbulence. <i>Wind and Structures, an International Journal</i> , 2016, 22, 253-272.	0.8	29
6	Theoretical and experimental free vibrations of tall industrial chimney with flexibility of soil. <i>Engineering Structures</i> , 2005, 27, 25-34.	5.3	19
7	Monitoring horizontal displacements in a vertical profile of a tall industrial chimney using Global Positioning System technology for detecting dynamic characteristics. <i>Structural Control and Health Monitoring</i> , 2015, 22, 1002-1023.	4.0	17
8	PIV analysis of near-wake flow patterns of an ice-accreted bridge cable in low and moderately turbulent wind. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2019, 191, 297-311.	3.9	15
9	Variability evaluation of dynamic characteristics of highway steel bridge based on daily traffic-induced vibrations. <i>Measurement: Journal of the International Measurement Confederation</i> , 2020, 164, 108074.	5.0	15
10	Vibration serviceability of all-GFRP cable-stayed footbridge under various service excitations. <i>Measurement: Journal of the International Measurement Confederation</i> , 2021, 183, 109822.	5.0	9
11	Some aspects of the dynamic cross-wind response of tall industrial chimney. <i>Wind and Structures, an International Journal</i> , 2009, 12, 259-279.	0.8	9
12	A comparative study of along and cross-wind responses of a tall chimney with and without flexibility of soil. <i>Wind and Structures, an International Journal</i> , 2008, 11, 121-135.	0.8	8
13	Monitoring of tall slender structures by GPS measurements. <i>Wind and Structures, an International Journal</i> , 2009, 12, 401-412.	0.8	8
14	Aerodynamic force coefficients of an ice-accreted bridge cable in low and moderately turbulent wind. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2020, 205, 104335.	3.9	6
15	A new approach to registering ice covers simulated on a sectional model of a bridge stay cable in laboratory conditions. <i>Measurement: Journal of the International Measurement Confederation</i> , 2021, 179, 109500.	5.0	5
16	All-GFRP footbridge under human-induced excitation. <i>MATEC Web of Conferences</i> , 2019, 262, 10013.	0.2	4
17	Model investigations of the aerodynamic coefficients of iced cables in cable-stayed bridges. <i>Czasopismo Techniczne</i> , 2019, , 115-128.	1.0	2
18	Modal parameter identification of all-GFRP composite cable-stayed footbridge in Denmark. <i>MATEC Web of Conferences</i> , 2017, 107, 00005.	0.2	1

#	ARTICLE	IF	CITATIONS
19	Investigations of dynamic characteristics of a tall industrial chimney due to light wind and solar radiation. Budownictwo I Architektura, 2020, 12, 087-094.	0.3	1
20	Effectiveness of GPS technology in monitoring of traffic-induced response of highway steel bridge. IOP Conference Series: Materials Science and Engineering, 2018, 419, 012009.	0.6	0
21	Comparative analysis of dynamic behaviour of two cablestayed footbridges made entirely of steel and GFRP composite. IOP Conference Series: Materials Science and Engineering, 2018, 419, 012030.	0.6	0
22	Model investigations of Strouhal number of iced cable of cable-stayed bridge. Budownictwo I Architektura, 2020, 13, 201-208.	0.3	0
23	Comparison of computed and measured dynamic characteristics of industrial chimney by GPS technology. Budownictwo I Architektura, 2020, 13, 173-182.	0.3	0
24	BADANIE ĄŁŁADU AERODYNAMICZNEGO MODELU OBLODZONEGO CIĀGNA MOSTU PODWIESZONEGO. Journal of Civil Engineering, Environment and Architecture, 2016, , .	0.0	0
25	Filtracja sygnaĀw GPS w celu okreĀlenia przemieszczeĀ, komina przemysĀowego. MateriaĀy Budowlane, 2016, 1, 36-37.	0.1	0
26	BADANIE CHARAKTERYSTYK DYNAMICZNYCH PODWIESZONEJ KĀADKI DLA PIESZYCH WYKONANEJ Z KOMPOZYTU GFRP. Journal of Civil Engineering, Environment and Architecture, 2017, , .	0.0	0