StanisÅ‚aw Wojciech

List of Publications by Year
in descending order

39	312	840776 11	940533 16
papers	citations	h-index	g-index

41	41	41	149
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An Iterative Method for Calculation of Wind Profiles at the Mesoscale and Microscale. Boundary-Layer Meteorology, 2022, 183, 423-445.	2.3	1
2	Dynamic Models of Cranes Applied to Offshore Wind Farm Service. , 2022, , 213-223.		0
3	Dynamics of risers analysed by means of the segment method, with consideration of bending and torsional stiffness. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2021, 43, 1.	1.6	0
4	Rigid finite element method in applications to dynamic optimization of motion of a riser in reentry. Marine Structures, 2021, 78, 103006.	3.8	6
5	Effectiveness of the segment method in absolute and joint coordinates when modelling risers. Acta Mechanica, 2020, 231, 435-469.	2.1	5
6	The rigid finite element and segment methods in dynamic analysis of risers. Mechanisms and Machine Science, 2019, , 3017-3026.	0.5	0
7	Calibration of an Articulated Vehicle Model and Analysis of Friction Model in the Connection Between Two Vehicle Units. Journal of Computational and Nonlinear Dynamics, 2019, 14, .	1.2	0
8	A 3D model for static and dynamic analysis of an offshore knuckle boom crane. Applied Mathematical Modelling, 2019, 66, 256-274.	4.2	22
9	Influence of Sea Current on Stabilization of Moments and Forces in Risers. Journal of Offshore Mechanics and Arctic Engineering, 2019, 141, .	1.2	3
10	A New Approach to the Rigid Finite Element Method in Modeling Spatial Slender Systems. International Journal of Structural Stability and Dynamics, 2018, 18, 1850017.	2.4	10
11	Application of the finite segment method to stabilisation of the force in a riser connection with a wellhead. Nonlinear Dynamics, 2018, 93, 1853-1874.	5.2	11
12	Compensation of top horizontal displacements of a riser. Meccanica, 2016, 51, 2753-2762.	2.0	10
13	Identification of Impulse Force at Electrodesâ€™ Cleaning Process in Electrostatic Precipitators (ESP). Springer Proceedings in Mathematics and Statistics, 2016, , 307-317.	0.2	0
14	Modelling Plates and Shells by Means of the Rigid Finite Element Method. Archive of Mechanical Engineering, 2015, 62, 101-114.	0.7	2
15	Vibration Analysis of Collecting Electrodes by means of the Hybrid Finite Element Method. Mathematical Problems in Engineering, 2014, 2014, 1-19.	1.1	4
16	Rigid Finite Element Method in Analysis of Dynamics of Offshore Structures. Ocean Engineering & Oceanography, 2013, , .	0.2	25
17	Modification of the Rigid Finite Element Method in Modeling Dynamics of Lines and Risers. Archive of Mechanical Engineering, 2013, 60, 409-429.	0.7	5
18	APPLICATION OF THE FINITE STRIP METHOD TO MODELING OF VIBRATIONS OF COLLECTING ELECTRODES. International Journal of Structural Stability and Dynamics, 2013, 13, 1340001.	2.4	2

#	Article	IF	Citations
19	Forty-Five Years of the Rigid Finite Element Method. Archive of Mechanical Engineering, 2013, 60, 313-318.	0.7	4
20	Comparison of Methods for Modelling Vibrations of Collecting Electrodes in Dry Electrostatic Precipitators. Archive of Mechanical Engineering, 2013, 60, 431-449.	0.7	2
21	Stabilization of Loadâ€™s Position in Offshore Cranes. Journal of Offshore Mechanics and Arctic Engineering, 2012, 134, .	1.2	15
22	Comparison of methods for vibration analysis of electrostatic precipitators. Acta Mechanica Sinica/Lixue Xuebao, 2011, 27, 72-79.	3.4	13
23	THE INFLUENCE OF FLEXIBILITY OF THE SUPPORT ON DYNAMIC BEHAVIOR OF A CRANE. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2011, 21, 2963-2974.	1.7	3
24	The integrated computer system for modelling of air pollution based on the digital data. , 2009, , .		2
25	Software package for analysis of multibody systems. , 2009, , .		0
26	Dynamic Analysis of the Gantry Crane Used for Transporting BOP. , 2009, , 49-59.		0
27	Application of joint coordinates and homogeneous transformations to modeling of vehicle dynamics. Nonlinear Dynamics, 2008, 52, 377-393.	5.2	16
28	Optimisation and experimental verification of a dust-removal beater for the electrodes of electrostatic precipitators. Computers and Structures, 2004, 82, 1785-1792.	4.4	9
29	Dynamics of a Mobile Crane and Optimisation of the Slewing Motion of Its Upper Structure. Nonlinear Dynamics, 2003, 32, 259-290.	5.2	34
30	Dynamics of systems with changing configuration and with flexible beam-like links. Mechanism and Machine Theory, 2000, 35, 1515-1534.	4.5	15
31	Title is missing!. Nonlinear Dynamics, 1998, 17, 369-386.	5.2	16
32	Dynamic analysis of manipulators with consideration of dry friction. Computers and Structures, 1995, 57, 1045-1050.	4.4	6
33	Torsional Vibrations of the Roller Card Doffing Comb. Textile Reseach Journal, 1995, 65, 614-617.	2.2	0
34	Application of rigid finite element method to dynamic analysis of spatial systems. Journal of Guidance, Control, and Dynamics, 1995, 18, 891-898.	2.8	12
35	Experimental and computational analysis of large amplitude vibrations of spatial viscoelastic beams. Acta Mechanica, 1994, 106, 127-136.	2.1	14
36	Application of a rigid finite element method in dynamic analysis of plane manipulators. Mechanism and Machine Theory, 1993, 28, 327-334.	4.5	12

#	Article	IF	Citations
37	Nonlinear vibrations of spatial viscoelastic beams. Acta Mechanica, 1993, 98, 15-25.	2.1	18
38	Nonlinear vibration of a simply supported, viscoelastic inextensible beam and comparison of four methods. Acta Mechanica, 1990, 85, 43-54.	2.1	14
39	New formulation and application of the segment method for extensible risers. Ships and Offshore Structures, 0, , 1-13.	1.9	0