

Stanisław Wojciech

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

312
citations

840776

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940533

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41
all docs

41
docs citations

41
times ranked

149
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamics of a Mobile Crane and Optimisation of the Slewing Motion of Its Upper Structure. <i>Nonlinear Dynamics</i> , 2003, 32, 259-290.	5.2	34
2	Rigid Finite Element Method in Analysis of Dynamics of Offshore Structures. <i>Ocean Engineering & Oceanography</i> , 2013, , .	0.2	25
3	A 3D model for static and dynamic analysis of an offshore knuckle boom crane. <i>Applied Mathematical Modelling</i> , 2019, 66, 256-274.	4.2	22
4	Nonlinear vibrations of spatial viscoelastic beams. <i>Acta Mechanica</i> , 1993, 98, 15-25.	2.1	18
5	Title is missing!. <i>Nonlinear Dynamics</i> , 1998, 17, 369-386.	5.2	16
6	Application of joint coordinates and homogeneous transformations to modeling of vehicle dynamics. <i>Nonlinear Dynamics</i> , 2008, 52, 377-393.	5.2	16
7	Dynamics of systems with changing configuration and with flexible beam-like links. <i>Mechanism and Machine Theory</i> , 2000, 35, 1515-1534.	4.5	15
8	Stabilization of Load's Position in Offshore Cranes. <i>Journal of Offshore Mechanics and Arctic Engineering</i> , 2012, 134, .	1.2	15
9	Nonlinear vibration of a simply supported, viscoelastic inextensible beam and comparison of four methods. <i>Acta Mechanica</i> , 1990, 85, 43-54.	2.1	14
10	Experimental and computational analysis of large amplitude vibrations of spatial viscoelastic beams. <i>Acta Mechanica</i> , 1994, 106, 127-136.	2.1	14
11	Comparison of methods for vibration analysis of electrostatic precipitators. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2011, 27, 72-79.	3.4	13
12	Application of a rigid finite element method in dynamic analysis of plane manipulators. <i>Mechanism and Machine Theory</i> , 1993, 28, 327-334.	4.5	12
13	Application of rigid finite element method to dynamic analysis of spatial systems. <i>Journal of Guidance, Control, and Dynamics</i> , 1995, 18, 891-898.	2.8	12
14	Application of the finite segment method to stabilisation of the force in a riser connection with a wellhead. <i>Nonlinear Dynamics</i> , 2018, 93, 1853-1874.	5.2	11
15	Compensation of top horizontal displacements of a riser. <i>Meccanica</i> , 2016, 51, 2753-2762.	2.0	10
16	A New Approach to the Rigid Finite Element Method in Modeling Spatial Slender Systems. <i>International Journal of Structural Stability and Dynamics</i> , 2018, 18, 1850017.	2.4	10
17	Optimisation and experimental verification of a dust-removal beater for the electrodes of electrostatic precipitators. <i>Computers and Structures</i> , 2004, 82, 1785-1792.	4.4	9
18	Dynamic analysis of manipulators with consideration of dry friction. <i>Computers and Structures</i> , 1995, 57, 1045-1050.	4.4	6

#	ARTICLE	IF	CITATIONS
19	Rigid finite element method in applications to dynamic optimization of motion of a riser in reentry. <i>Marine Structures</i> , 2021, 78, 103006.	3.8	6
20	Modification of the Rigid Finite Element Method in Modeling Dynamics of Lines and Risers. <i>Archive of Mechanical Engineering</i> , 2013, 60, 409-429.	0.7	5
21	Effectiveness of the segment method in absolute and joint coordinates when modelling risers. <i>Acta Mechanica</i> , 2020, 231, 435-469.	2.1	5
22	Forty-Five Years of the Rigid Finite Element Method. <i>Archive of Mechanical Engineering</i> , 2013, 60, 313-318.	0.7	4
23	Vibration Analysis of Collecting Electrodes by means of the Hybrid Finite Element Method. <i>Mathematical Problems in Engineering</i> , 2014, 2014, 1-19.	1.1	4
24	THE INFLUENCE OF FLEXIBILITY OF THE SUPPORT ON DYNAMIC BEHAVIOR OF A CRANE. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2011, 21, 2963-2974.	1.7	3
25	Influence of Sea Current on Stabilization of Moments and Forces in Risers. <i>Journal of Offshore Mechanics and Arctic Engineering</i> , 2019, 141, .	1.2	3
26	The integrated computer system for modelling of air pollution based on the digital data. , 2009, , .		2
27	APPLICATION OF THE FINITE STRIP METHOD TO MODELING OF VIBRATIONS OF COLLECTING ELECTRODES. <i>International Journal of Structural Stability and Dynamics</i> , 2013, 13, 1340001.	2.4	2
28	Modelling Plates and Shells by Means of the Rigid Finite Element Method. <i>Archive of Mechanical Engineering</i> , 2015, 62, 101-114.	0.7	2
29	Comparison of Methods for Modelling Vibrations of Collecting Electrodes in Dry Electrostatic Precipitators. <i>Archive of Mechanical Engineering</i> , 2013, 60, 431-449.	0.7	2
30	An Iterative Method for Calculation of Wind Profiles at the Mesoscale and Microscale. <i>Boundary-Layer Meteorology</i> , 2022, 183, 423-445.	2.3	1
31	Torsional Vibrations of the Roller Card Doffing Comb. <i>Textile Research Journal</i> , 1995, 65, 614-617.	2.2	0
32	Software package for analysis of multibody systems. , 2009, , .		0
33	The rigid finite element and segment methods in dynamic analysis of risers. <i>Mechanisms and Machine Science</i> , 2019, , 3017-3026.	0.5	0
34	Calibration of an Articulated Vehicle Model and Analysis of Friction Model in the Connection Between Two Vehicle Units. <i>Journal of Computational and Nonlinear Dynamics</i> , 2019, 14, .	1.2	0
35	Dynamics of risers analysed by means of the segment method, with consideration of bending and torsional stiffness. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2021, 43, 1.	1.6	0
36	New formulation and application of the segment method for extensible risers. <i>Ships and Offshore Structures</i> , 0, , 1-13.	1.9	0

#	ARTICLE	IF	CITATIONS
37	Identification of Impulse Force at Electrodesâ€™ Cleaning Process in Electrostatic Precipitators (ESP). Springer Proceedings in Mathematics and Statistics, 2016, , 307-317.	0.2	0
38	Dynamic Models of Cranes Applied to Offshore Wind Farm Service. , 2022, , 213-223.		0
39	Dynamic Analysis of the Gantry Crane Used for Transporting BOP. , 2009, , 49-59.		0