RadosÅ‚aw Jedynak

List of Publications by Year
in descending order

13 papers	186 citations	1307594 7 h-index	1058476 14 g-index
15 all docs	15 docs citations	15 times ranked	162 citing authors

#	Article	IF	Citations
1	Application of Genetic Algorithm Elements to Modelling of Rotation Processes in Motion Transmission Including a Long Shaft. Energies, 2021, 14, 115.	3.1	9
2	Inverse Langevin-like function for statistical description of the polymer chain in orienting fields. International Journal of Solids and Structures, 2019, 163, 15-24.	2.7	1
3	Exact and approximate solutions of the infinite integrals of the asperity height distribution for the Greenwood-Williamson and the Greenwood-Tripp asperity contact models. Tribology International, 2019, 130, 206-215.	5.9	9
4	A comprehensive study of the mathematical methods used to approximate the inverse Langevin function. Mathematics and Mechanics of Solids, 2019, 24, 1992-2016.	2.4	11
5	New facts concerning the approximation of the inverse Langevin function. Journal of Non-Newtonian Fluid Mechanics, 2017, 249, 8-25.	2.4	41
6	Numerical Verification of Analytical Results for Statistical Description of Polymer Chains in Nematic Systems. Macromolecular Theory and Simulations, 2015, 24, 133-140.	1.4	2
7	Approximation of the inverse Langevin function revisited. Rheologica Acta, 2015, 54, 29-39.	2.4	73
8	Approximation of Smooth Functions by Weighted Means of N-Point Padé Approximants. Ukrainian Mathematical Journal, 2014, 65, 1566-1576.	0.5	7
9	Numerical and Experimental Investigation of Plastic Interaction Between Rough Surfaces. Arabian Journal for Science and Engineering, 2014, 39, 4165-4177.	1.1	8
10	Stress–Strain Relations for Nematic Polymer Networks with Various Concentrations of Flexible and Stiff Parts. Macromolecular Theory and Simulations, 2014, 23, 353-360.	1.4	1
11	Stress–<scp>S</scp>train Relation for Polymer Networks Near the Isotropic–<scp>N</scp>ematic Transition. Macromolecular Theory and Simulations, 2013, 22, 385-393.	1.4	3
12	Approximation of the Integrals of the Gaussian Distribution of Asperity Heights in the Greenwood-Tripp Contact Model of Two Rough Surfaces Revisited. Journal of Applied Mathematics, 2013, 2013, 1-7.	0.9	11
13	Computation of the -Table Related to the Padé Approximation. Journal of Applied Mathematics, 2013, 2013, 1-10.	0.9	8