

# Radosław Jedynak

## List of Publications by Year in descending order

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13  
papers

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citations

1307594

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1058476

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g-index

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docs citations

15  
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162  
citing authors

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