

# Dumitru Olaru

## List of Publications by Year in descending order

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11  
papers

137  
citations

1307594

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1588992

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g-index

12  
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12  
docs citations

12  
times ranked

73  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rolling Friction Torque in Ball-Race Contacts Operating in Mixed Lubrication Conditions. Lubricants, 2015, 3, 222-243.	2.9	18
2	The influence of the lubricant viscosity on the rolling friction torque. Tribology International, 2014, 72, 1-12.	5.9	38
3	Experimental testing on free vibration behaviour for silicone rubbers proposed within lumbar disc prosthesis. Materials Science and Engineering C, 2014, 42, 192-198.	7.3	7
4	Preliminary experimental testing on fatigue resistance for silicone rubbers proposed within lumbar disc prosthesis. , 2013, , .		0
5	Using ICT techniques for improving mechatronic systems' dependability. , 2013, , .		0
6	New micro tribometer for rolling friction. Wear, 2011, 271, 842-852.	3.1	18
7	Rolling Friction in a Micro Tribosystem. Tribology Letters, 2009, 35, 205-210.	2.6	15
8	Polyethylene as an Additive for Mineral Oilsâ€”Part I: Influence of the Polymer Concentration on the Filmâ€”Forming Properties in Rolling Bearing. Tribology Transactions, 1999, 42, 851-859.	2.0	7
9	Starvation in ball bearings. Wear, 1993, 170, 219-234.	3.1	19
10	Influence of the Geometry on the Rolling Friction Torque in Lubricated Ball-Race Contacts. Applied Mechanics and Materials, 0, 658, 271-276.	0.2	5
11	FEM Simulation on Uniaxial Tension of Hyperelastic Elastomers. Applied Mechanics and Materials, 0, 659, 57-62.	0.2	2