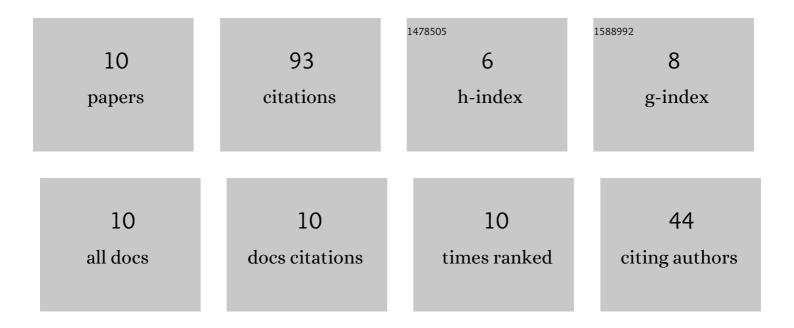
## Nikolay V Perepelkin

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Adhesive contact problems for a thin elastic layer: Asymptotic analysis and the JKR theory. Mathematics and Mechanics of Solids, 2019, 24, 1405-1424.	2.4	31
2	Non-linear normal forced vibration modes in systems with internal resonance. International Journal of Non-Linear Mechanics, 2013, 57, 102-115.	2.6	12
3	Estimation of the elastic modulus and the work of adhesion of soft materials using the extended Borodich–Galanov (BG) method and depth sensing indentation. Mechanics of Materials, 2019, 129, 198-213.	3.2	11
4	Depth-Sensing Indentation as a Micro- and Nanomechanical Approach to Characterisation of Mechanical Properties of Soft, Biological, and Biomimetic Materials. Nanomaterials, 2020, 10, 15.	4.1	11
5	Experimental testing of self-healing ability of soft polymer materials. Meccanica, 2019, 54, 1959-1970.	2.0	10
6	Explicit transformation between non-adhesive and adhesive contact problems by means of the classical Johnson–Kendall–Roberts formalism. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2021, 379, 20200374.	3.4	8
7	Evaluation of elastic and adhesive properties of solids by depth-sensing indentation. Journal of Adhesion, 2021, 97, 569-610.	3.0	6
8	Non-linear normal modes and their applications in mechanical systems. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2011, 225, 2369-2384.	2.1	4
9	Nonlinear normal vibration modes in the dynamics of nonlinear elastic systems. Journal of Physics: Conference Series, 2012, 382, 012052.	0.4	0
10	Non-iterative Rauscher method for 1-DOF system: a new approach to studying non-autonomous system via equivalent autonomous one. Nonlinear Dynamics, 2018, 93, 149-166.	5.2	0