

# Mohammad Reza Bahrami

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

105  
citations

1306789

7  
h-index

1473754

9  
g-index

27  
all docs

27  
docs citations

27  
times ranked

8  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel Design of an Electrical Transmission Line Inspection Machine. Lecture Notes in Mechanical Engineering, 2016, , 67-73.	0.3	15
2	Mechanics of diagnostic machine on electrical transmission lines conductors. MATEC Web of Conferences, 2018, 224, 02021.	0.1	13
3	Mechanics of robot inspector on electrical transmission lines conductors: performance analysis of dynamic vibration absorber. Vibroengineering PROCEDIA, 2019, 25, 60-64.	0.3	13
4	Modeling and Simulation of Tapping Mode Atomic Force Microscope Through a Bond-Graph. Lecture Notes in Mechanical Engineering, 2018, , 9-15.	0.3	12
5	Prediction of leakage in the fixed mechanical seal. MATEC Web of Conferences, 2017, 129, 06002.	0.1	11
6	Modeling and Simulation of Dynamic Contact Atomic Force Microscope. Lecture Notes in Mechanical Engineering, 2019, , 109-118.	0.3	9
7	Mechanics of robot inspector on electrical transmission lines conductors with unequal heights supports. Vibroengineering PROCEDIA, 2020, 30, 20-25.	0.3	7
8	Nonlinear Dynamic Analysis of Non-Contact Atomic Force Microscope. , 2020, , .		6
9	Dynamic analysis of atomic force microscope in tapping mode. Vibroengineering PROCEDIA, 2020, 32, 13-19.	0.3	4
10	Anti sway tuned control of gantry cranes. SN Applied Sciences, 2021, 3, 1.	1.5	3
11	Survey on Blockchain Applications for Healthcare: Reflections and Challenges. Lecture Notes in Networks and Systems, 2021, , 310-322.	0.5	3
12	Modeling of non-contact atomic force microscope with two-term excitations. IOP Conference Series: Materials Science and Engineering, 0, 971, 042052.	0.3	3
13	Electrical Transmission Lines Robot Inspector: Design Challenges. , 2022, , .		2
14	Numerical investigation of cracked rotor. IOP Conference Series: Materials Science and Engineering, 2020, 709, 044073.	0.3	1
15	Effect of Two Cracks in a Rotor on Stiffness Using the Theory of Fracture Mechanics. Lecture Notes in Mechanical Engineering, 2020, , 921-929.	0.3	1
16	Research of frost-resistant rubber for seals. IOP Conference Series: Materials Science and Engineering, 0, 971, 022100.	0.3	1
17	Mechanical Challenges of Inspection Robot Moving Along the Electrical Line: Effect of Flexural Rigidity. Lecture Notes in Mechanical Engineering, 2021, , 30-37.	0.3	1
18	Stability of a Flexible Rotor-Bearing System with a Transverse Crack. Mechanisms and Machine Science, 2019, , 3363-3373.	0.3	0

#	ARTICLE	IF	CITATIONS
19	Vibration analysis of skidding tractor with an operator during raising&lowering a tree. IOP Conference Series: Materials Science and Engineering, 2019, 666, 012007.	0.3	0
20	The strength of the hull on a high longitudinal wave. IOP Conference Series: Materials Science and Engineering, 2019, 666, 012001.	0.3	0
21	Investigation of cracked rotor analytically and numerically. IOP Conference Series: Materials Science and Engineering, 2019, 666, 012005.	0.3	0
22	Antifriction lubricant for vacuum. Materials Today: Proceedings, 2021, 38, 1335-1338.	0.9	0
23	Modeling of Motion of Electrical Transmission Line Robot Inspector. Lecture Notes in Mechanical Engineering, 2021, , 841-850.	0.3	0
24	Modeling and Simulation of Non-Contact Base Excited AFM. E3S Web of Conferences, 2021, 285, 07035.	0.2	0
25	Modeling of Movement of Electrical Transmission Line Robot Inspector Through Bond Graph. Lecture Notes in Mechanical Engineering, 2021, , 657-664.	0.3	0
26	A Review of the Structure of a Course on Advanced Statistics for Data Scientists. Lecture Notes in Computer Science, 2020, , 19-27.	1.0	0
27	Initial and Boundary Conditions Effects on the Motion of Moving Object on the Electrical Transmission Line. , 2021, , .		0