

# Kotaro Mori

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8073532/publications.pdf>

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17  
papers

153  
citations

1307594

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1199594

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17  
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docs citations

17  
times ranked

96  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characteristics of vibration energy harvesting using giant magnetostrictive cantilevers with resonant tuning. <i>Smart Materials and Structures</i> , 2015, 24, 125032.	3.5	44
2	Fabrication, Modeling and Characterization of Magnetostrictive Short Fiber Composites. <i>Materials</i> , 2020, 13, 1494.	2.9	20
3	Fracture Behavior of Cracked Giant Magnetostrictive Materials in Three-Point Bending under Magnetic Fields: Strain Energy Density Criterion. <i>Advanced Engineering Materials</i> , 2016, 18, 2063-2069.	3.5	13
4	Electromechanical characterization and kinetic energy harvesting of piezoelectric nanocomposites reinforced with glass fibers. <i>Composites Science and Technology</i> , 2022, 223, 109408.	7.8	12
5	Large deflections of tapered cantilever beams made of axially functionally graded material. <i>Mechanical Engineering Journal</i> , 2018, 5, 17-00268-17-00268.	0.4	11
6	Potential of energy harvesting in barium titanate based laminates from room temperature to cryogenic/high temperatures: measurements and linking phase field and finite element simulations. <i>Smart Materials and Structures</i> , 2017, 26, 115027.	3.5	10
7	Evaluation of the axial force in an FeCo bolt using the inverse magnetostrictive effect. <i>Measurement: Journal of the International Measurement Confederation</i> , 2020, 165, 108131.	5.0	9
8	On the Possibility of Developing Magnetostrictive Fe-Co/Ni Clad Plate with Both Vibration Energy Harvesting and Mass Sensing Elements. <i>Materials</i> , 2021, 14, 4486.	2.9	7
9	Three-Point Bending Fracture Behavior of Cracked Giant Magnetostrictive Materials Under Magnetic Fields. <i>Journal of Testing and Evaluation</i> , 2016, 44, 1454-1460.	0.7	7
10	Effect of Weight on the Resonant Tuning of Energy Harvesting Devices Using Giant Magnetostrictive Materials. <i>Materials</i> , 2018, 11, 581.	2.9	6
11	Three-point bending fatigue of cracked giant magnetostrictive materials under magnetic fields. <i>Acta Mechanica</i> , 2017, 228, 3867-3876.	2.1	5
12	Effects of Heat Treatment and Cr Content on the Microstructures, Magnetostriction, and Energy Harvesting Performance of Cr-Doped Fe-Co Alloys. <i>Advanced Engineering Materials</i> , 2022, 24, 2101036.	3.5	5
13	Thermoelectromechanical Characteristics of Piezoelectric Composites Under Mechanical and Thermal Loading. <i>Advanced Engineering Materials</i> , 0, , 2101212.	3.5	4
14	Stresses around an eccentric hole in an infinite strip subjected to in-plane bending. <i>Mechanical Engineering Journal</i> , 2015, 2, 15-00182-15-00182.	0.4	0
15	G0300502 Deformation and strength on railway hook bolt. <i>The Proceedings of Mechanical Engineering Congress Japan</i> , 2015, 2015, _G0300502--_G0300502-.	0.0	0
16	A Simultaneous evaluation of for Young's modulus and friction coefficient by three-point bending test in large deflection mode. <i>Transactions of Japan Society of Spring Engineers</i> , 2020, 2020, 51-58.	0.2	0
17	A Young's Modulus Measurement Method Based on Approximate Polynomial of Large Deflection of Beams (Cantilever and Three Point Bending). <i>Transactions of Japan Society of Spring Engineers</i> , 2020, 2020, 43-50.	0.2	0