

# Aurel Ercuta

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/447708/publications.pdf>

Version: 2024-02-01

9  
papers

73  
citations

1684188

5  
h-index

1720034

7  
g-index

9  
all docs

9  
docs citations

9  
times ranked

80  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sensitive AC Hysteresigraph of Extended Driving Field Capability. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 1643-1651.	4.7	28
2	Prediction of thermally-controlled actuation for shape memory alloy film-based bimorph cantilevers. Smart Materials and Structures, 2014, 23, 075025.	3.5	13
3	Shape memory microactuation design by substrate's reinforcement layers. Materials and Design, 2016, 96, 364-369.	7.0	11
4	Controlled Synthesis and Characterization of Micrometric Single Crystalline Magnetite With Superparamagnetic Behavior and Cytocompatibility/Cytotoxicity Assessments. Frontiers in Pharmacology, 2020, 11, 410.	3.5	10
5	Modulated interaction in double-layer shape memory-based micro-designed actuators. Science and Technology of Advanced Materials, 2015, 16, 065003.	6.1	7
6	Issues regarding bipolar plate-gas diffusion layer interfacial contact resistance determination. Journal of Power Sources, 2022, 530, 231275.	7.8	3
7	Micro-actuation design in VO <sub>2</sub> -based bimorph cantilevers. Smart Materials and Structures, 2020, 29, 115035.	3.5	1
8	A Solid State Pyranometer. Annals of West University of Timisoara: Physics, 2015, 58, 56-63.	0.2	0
9	Magneto-optical transmittance observed in magnetorheological suspensions films. AIP Conference Proceedings, 2020, , .	0.4	0