

# Hubert Jopek

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3175371/publications.pdf>

Version: 2024-02-01

16  
papers

635  
citations

623188

14  
h-index

996533

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g-index

16  
all docs

16  
docs citations

16  
times ranked

398  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic response of sandwich panels with auxetic cores. Physica Status Solidi (B): Basic Research, 2015, 252, 1540-1550.	0.7	103
2	Computational analysis of sandwich-structured composites with an auxetic phase. Physica Status Solidi (B): Basic Research, 2014, 251, 354-366.	0.7	62
3	Thermal and structural dependence of auxetic properties of composite materials. Physica Status Solidi (B): Basic Research, 2015, 252, 1551-1558.	0.7	55
4	Computer simulation of heat transfer through a ferrofluid. Physica Status Solidi (B): Basic Research, 2007, 244, 1027-1037.	0.7	52
5	The influence of large deformations on mechanical properties of sinusoidal ligament structures. Smart Materials and Structures, 2016, 25, 054002.	1.8	52
6	Effective mechanical properties of concentric cylindrical composites with auxetic phase. Physica Status Solidi (B): Basic Research, 2012, 249, 1359-1365.	0.7	44
7	Thermoauxetic Behavior of Composite Structures. Materials, 2018, 11, 294.	1.3	41
8	Computational design of two-phase auxetic structures. Physica Status Solidi (B): Basic Research, 2016, 253, 1387-1394.	0.7	40
9	Computational Analysis of the Mechanical Impedance of the Sandwich Beam with Auxetic Metal Foam Core. Physica Status Solidi (B): Basic Research, 2019, 256, 1800423.	0.7	40
10	Computational Modelling of Structures with Non-Intuitive Behaviour. Materials, 2017, 10, 1386.	1.3	36
11	Torsion of a Two-Phase Composite Bar With Helical Distribution of Constituents. Physica Status Solidi (B): Basic Research, 2017, 254, 1700050.	0.7	28
12	Torsion of elliptical composite beams with auxetic phase. Physica Status Solidi (B): Basic Research, 2016, 253, 1359-1368.	0.7	25
13	Finite Element Analysis of the Influence of the Covering Auxetic Layer of Plate on the Contact Pressure. Physica Status Solidi (B): Basic Research, 2017, 254, 1700103.	0.7	23
14	Finite Element Analysis of Tunable Composite Tubes Reinforced with Auxetic Structures. Materials, 2017, 10, 1359.	1.3	21
15	Computer simulation of bending a fibrous composite reinforced with auxetic phase. Physica Status Solidi (B): Basic Research, 2016, 253, 1369-1377.	0.7	10
16	Optimization of the Effective Thermal Conductivity of a Composite. , 2011, , .		3