

# Pooya Niksiar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2254404/publications.pdf>

Version: 2024-02-01

6  
papers

113  
citations

1684188

5  
h-index

1872680

6  
g-index

6  
all docs

6  
docs citations

6  
times ranked

166  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microstructural Control of Colloidal-Based Ceramics by Directional Solidification Under Weak Magnetic Fields. <i>Journal of the American Ceramic Society</i> , 2016, 99, 1917-1926.	3.8	37
2	External Field Assisted Freeze Casting. <i>Ceramics</i> , 2019, 2, 208-234.	2.6	34
3	Multidimensional mechanics: Performance mapping of natural biological systems using permuted radar charts. <i>PLoS ONE</i> , 2018, 13, e0204309.	2.5	22
4	Microstructural evolution of paramagnetic materials by magnetic freeze casting. <i>Journal of Materials Research and Technology</i> , 2019, 8, 2247-2254.	5.8	13
5	Identifying structure-property relationships of micro-architected porous scaffolds through 3D printing and finite element analysis. <i>Computational Materials Science</i> , 2022, 202, 110987.	3.0	5
6	Multidimensional Mechanics of Three-Dimensional Printed and Micro-Architected Scaffolds. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2021, 88, .	2.2	2