

# Meir Israelowitz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8974356/publications.pdf>

Version: 2024-02-01

11  
papers

141  
citations

1307594

7  
h-index

1588992

8  
g-index

12  
all docs

12  
docs citations

12  
times ranked

250  
citing authors

#	ARTICLE	IF	CITATIONS
1	Computational modeling of type I collagen fibers to determine the extracellular matrix structure of connective tissues. <i>Protein Engineering, Design and Selection</i> , 2005, 18, 329-335.	2.1	37
2	Noninvasive Oxygen Monitoring in Three-Dimensional Tissue Cultures Under Static and Dynamic Culture Conditions. <i>BioResearch Open Access</i> , 2015, 4, 266-277.	2.6	34
3	Induction of Osteogenic Differentiation of Adipose Derived Stem Cells by Microstructured Nitinol Actuator-Mediated Mechanical Stress. <i>PLoS ONE</i> , 2012, 7, e51264.	2.5	23
4	Development of a Laminar Flow Bioreactor by Computational Fluid Dynamics. <i>Journal of Healthcare Engineering</i> , 2012, 3, 455-476.	1.9	16
5	Fluorescence of the "fire-chaser" beetle <i>Melanophila acuminata</i> . <i>Journal of Luminescence</i> , 2007, 126, 149-154.	3.1	13
6	Mechanism of infrared detection and transduction by beetle <i>Melanophila Acuminata</i> . <i>Journal of Bionic Engineering</i> , 2011, 8, 129-139.	5.0	8
7	Three-Dimensional Modelling inside a Differential Pressure Laminar Flow Bioreactor Filled with Porous Media. <i>BioMed Research International</i> , 2015, 2015, 1-9.	1.9	7
8	Protein Modelling and Surface Folding by Limiting the Degrees of Freedom. <i>Studies in Mechanobiology, Tissue Engineering and Biomaterials</i> , 2012, , 19-45.	1.0	3
9	Biomimetics Strategies to Overcoming Noise. <i>Series in Bioengineering</i> , 2021, , 147-156.	0.6	0
10	Torsional Magnetic Angle for <i>Magnetospirillum gryphiswaldense</i> . <i>Series in Bioengineering</i> , 2021, , 47-59.	0.6	0
11	Neural Networks for Modeling Metabolic Pathways. <i>Series in Bioengineering</i> , 2021, , 177-193.	0.6	0