

# Meir Israelowitz

## List of Publications by Year in descending order

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

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11  
papers

141  
citations

1307594

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1588992

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g-index

12  
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12  
docs citations

12  
times ranked

250  
citing authors

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