

# Ariel J Ben-Sasson

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8806355/publications.pdf>

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11  
papers

511  
citations

933447

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h-index

1281871

11  
g-index

13  
all docs

13  
docs citations

13  
times ranked

540  
citing authors

#	ARTICLE	IF	CITATIONS
1	Precision materials: Computational design methods of accurate protein materials. Current Opinion in Structural Biology, 2022, 74, 102367.	5.7	2
2	Design of biologically active binary protein 2D materials. Nature, 2021, 589, 468-473.	27.8	85
3	Self-Assembled Metallic Nanowire-Based Vertical Organic Field-Effect Transistor. ACS Applied Materials & Interfaces, 2015, 7, 2149-2152.	8.0	58
4	The Mechanism of Operation of Lateral and Vertical Organic Field Effect Transistors. Israel Journal of Chemistry, 2014, 54, 568-585.	2.3	40
5	Low-Temperature Molecular Vapor Deposition of Ultrathin Metal Oxide Dielectric for Low-Voltage Vertical Organic Field Effect Transistors. ACS Applied Materials & Interfaces, 2013, 5, 2462-2468.	8.0	29
6	Fast switching characteristics in vertical organic field effect transistors. Applied Physics Letters, 2013, 103, 073502.	3.3	24
7	Solution-processed ambipolar vertical organic field effect transistor. Applied Physics Letters, 2012, 100, 263306.	3.3	45
8	Unraveling the Physics of Vertical Organic Field Effect Transistors through Nanoscale Engineering of a Self-Assembled Transparent Electrode. Nano Letters, 2012, 12, 4729-4733.	9.1	74
9	Patterned electrode vertical field effect transistor: Theory and experiment. Journal of Applied Physics, 2011, 110, .	2.5	61
10	Patterned electrode vertical OFET: analytical description, switching mechanisms, and optimization rules. Proceedings of SPIE, 2011, , .	0.8	12
11	Patterned electrode vertical field effect transistor fabricated using block copolymer nanotemplates. Applied Physics Letters, 2009, 95, .	3.3	78