

# Mertcan Han

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4092235/publications.pdf>

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13  
papers

236  
citations

933447

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1058476

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docs citations

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times ranked

169  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tissue-Like Optoelectronic Neural Interface Enabled by PEDOT:PSS Hydrogel for Cardiac and Neural Stimulation. <i>Advanced Healthcare Materials</i> , 2022, 11, e2102160.	7.6	21
2	High-Performance White Light-Emitting Diodes over 150 lm/W Using Near-Unity-Emitting Quantum Dots in a Liquid Matrix. <i>ACS Photonics</i> , 2022, 9, 1304-1314.	6.6	18
3	Effect of Polymer Topology on Microstructure, Segmental Dynamics, and Ionic Conductivity in PEO/PMMA-Based Solid Polymer Electrolytes. <i>ACS Applied Polymer Materials</i> , 2022, 4, 179-190.	4.4	14
4	Optoelectronic Neural Interfaces Based on Quantum Dots. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 20468-20490.	8.0	21
5	Multiscale Dynamics of Lipid Vesicles in Polymeric Microenvironment. <i>Membranes</i> , 2022, 12, 640.	3.0	4
6	Exciton recycling via InP quantum dot funnels for luminescent solar concentrators. <i>Nano Research</i> , 2021, 14, 1488-1494.	10.4	20
7	Photovoltaic neurointerface based on aluminum antimonide nanocrystals. <i>Communications Materials</i> , 2021, 2, .	6.9	23
8	Silk Nanocrack Origami for Controllable Random Lasers. <i>Advanced Functional Materials</i> , 2021, 31, 2104914.	14.9	7
9	Cadmium-Free and Efficient Type-II InP/ZnO/ZnS Quantum Dots and Their Application for LEDs. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 32022-32030.	8.0	41
10	High-Q, directional and self-assembled random laser emission using spatially localized feedback via cracks. <i>APL Photonics</i> , 2020, 5, 106105.	5.7	6
11	Organic Photovoltaic Pseudocapacitors for Neurostimulation. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 42997-43008.	8.0	34
12	Efficient photocapacitors via ternary hybrid photovoltaic optimization for photostimulation of neurons. <i>Biomedical Optics Express</i> , 2020, 11, 5237.	2.9	11
13	Laser-written depressed-cladding waveguides deep inside bulk silicon. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2019, 36, 966.	2.1	15