

# Ioanna Mela

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3791378/publications.pdf>

Version: 2024-02-01

30  
papers

760  
citations

623734

14  
h-index

552781

26  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1144  
citing authors

#	ARTICLE	IF	CITATIONS
1	Extent of N-terminus exposure of monomeric alpha-synuclein determines its aggregation propensity. <i>Nature Communications</i> , 2020, 11, 2820.	12.8	99
2	Design of biologically active binary protein 2D materials. <i>Nature</i> , 2021, 589, 468-473.	27.8	85
3	Advances in the Sensing and Treatment of Wound Biofilms. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	59
4	SARS-CoV-2 nucleocapsid protein adheres to replication organelles before viral assembly at the Golgi/ERGIC and lysosome-mediated egress. <i>Science Advances</i> , 2022, 8, eabl4895.	10.3	53
5	Sar1 GTPase Activity Is Regulated by Membrane Curvature. <i>Journal of Biological Chemistry</i> , 2016, 291, 1014-1027.	3.4	51
6	DNA Nanostructures for Targeted Antimicrobial Delivery. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12698-12702.	13.8	48
7	Inducible Presynaptic Glutamine Transport Supports Glutamatergic Transmission at the Calyx of Held Synapse. <i>Journal of Neuroscience</i> , 2013, 33, 17429-17434.	3.6	38
8	Coordinated regulation of the ESCRT-III component CHMP4C by the chromosomal passenger complex and centralspindlin during cytokinesis. <i>Open Biology</i> , 2016, 6, 160248.	3.6	35
9	High-throughput, multi-parametric, and correlative fluorescence lifetime imaging. <i>Methods and Applications in Fluorescence</i> , 2020, 8, 024005.	2.3	31
10	Charge reversal by salt-induced aggregation in aqueous lactoferrin solutions. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010, 78, 53-60.	5.0	27
11	Cartilage-like electrostatic stiffening of responsive cryogel scaffolds. <i>Scientific Reports</i> , 2017, 7, 42948.	3.3	27
12	Demonstration of Ligand Decoration, and Ligand-Induced Perturbation, of G-Quadruplexes in a Plasmid Using Atomic Force Microscopy. <i>Biochemistry</i> , 2012, 51, 578-585.	2.5	23
13	Revealing Nanomechanical Domains and Their Transient Behavior in Mixed Halide Perovskite Films. <i>Advanced Functional Materials</i> , 2021, 31, 2100293.	14.9	23
14	On-Chip Super-Resolution Imaging with Fluorescent Polymer Films. <i>Advanced Functional Materials</i> , 2019, 29, 1900126.	14.9	19
15	Modes of action of the archaeal Mre11/Rad50 DNA-repair complex revealed by fast-scan atomic force microscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 14936-14947.	7.1	15
16	DNA Nanostructures for Targeted Antimicrobial Delivery. <i>Angewandte Chemie</i> , 2020, 132, 12798-12802.	2.0	15
17	Zn <sup>2+</sup> -antitrypsin polymers impose molecular filtration in the endoplasmic reticulum after undergoing phase transition to a solid state. <i>Science Advances</i> , 2022, 8, eabm2094.	10.3	15
18	Molecular architecture of the SYCP3 fibre and its interaction with DNA. <i>Open Biology</i> , 2019, 9, 190094.	3.6	12

#	ARTICLE	IF	CITATIONS
19	Super-condenser enables label-free nanoscopy. <i>Optics Express</i> , 2019, 27, 25280.	3.4	11
20	Tuning riboflavin derivatives for photodynamic inactivation of pathogens. <i>Scientific Reports</i> , 2022, 12, 6580.	3.3	11
21	Nano-vehicles give new lease of life to existing antimicrobials. <i>Emerging Topics in Life Sciences</i> , 2020, 4, 555-566.	2.6	9
22	The effect of fluoride on the structure, function, and proteome of intestinal epithelia. <i>Environmental Toxicology</i> , 2018, 33, 63-71.	4.0	8
23	Guided Assembly and Patterning of Intrinsically Fluorescent Amyloid Fibers with Long-Range Order. <i>Nano Letters</i> , 2021, 21, 938-945.	9.1	8
24	Turning the Mre11/Rad50 DNA repair complex on its head: lessons from SMC protein hinges, dynamic coiled-coil movements and DNA loop-extrusion?. <i>Biochemical Society Transactions</i> , 2020, 48, 2359-2376.	3.4	8
25	Nanoscale Features of Tunable Bacterial Outer Membrane Models Revealed by Correlative Microscopy. <i>Langmuir</i> , 2022, 38, 8773-8782.	3.5	7
26	Super-Resolution Microscopy: On-Chip Super-Resolution Imaging with Fluorescent Polymer Films (Adv.) <i>Tj ETQq0 0,0 rgBT /Oyerlock 10</i>	14.9	4
27	DNA Origami as a Tool in the Targeted Destruction of Bacteria. <i>Biophysical Journal</i> , 2019, 116, 324a.	0.5	4
28	Advances in the Sensing and Treatment of Wound Biofilms. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	3
29	Purification of Recombinant ESCRT-III Proteins and Their Use in Atomic Force Microscopy and In Vitro Binding and Phosphorylation Assays. <i>Methods in Molecular Biology</i> , 2019, 1998, 203-217.	0.9	0
30	Correlative AFM-FLIM Measurements in Living Cells, Tissues and in Solar Cell Materials. <i>Biophysical Journal</i> , 2019, 116, 327a.	0.5	0