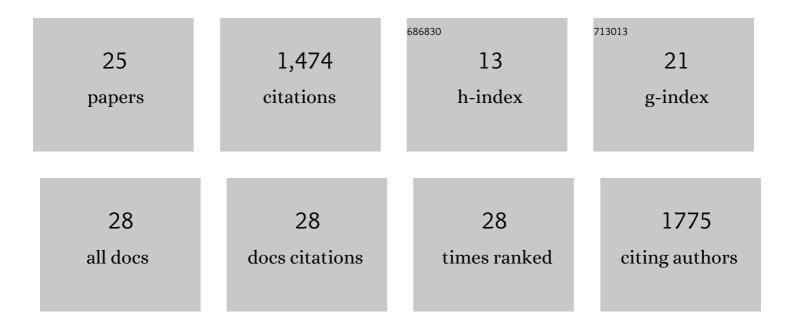
Ioan Iacovache

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Molecular assembly of the aerolysin pore reveals a swirling membrane-insertion mechanism. Nature Chemical Biology, 2013, 9, 623-629.	3.9	183
2	Pathogenic Pore-Forming Proteins: Function and Host Response. Cell Host and Microbe, 2012, 12, 266-275.	5.1	173
3	Structure and assembly of pore-forming proteins. Current Opinion in Structural Biology, 2010, 20, 241-246.	2.6	162
4	Pore formation: An ancient yet complex form of attack. Biochimica Et Biophysica Acta - Biomembranes, 2008, 1778, 1611-1623.	1.4	161
5	Palmitoylation and ubiquitination regulate exit of the Wnt signaling protein LRP6 from the endoplasmic reticulum. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 5384-5389.	3.3	144
6	Cryo-EM structure of aerolysin variants reveals a novel protein fold and the pore-formation process. Nature Communications, 2016, 7, 12062.	5.8	144
7	Extending the Aerolysin Family: From Bacteria to Vertebrates. PLoS ONE, 2011, 6, e20349.	1.1	107
8	Monalysin, a Novel ß-Pore-Forming Toxin from the Drosophila Pathogen Pseudomonas entomophila, Contributes to Host Intestinal Damage and Lethality. PLoS Pathogens, 2011, 7, e1002259.	2.1	101
9	A rivet model for channel formation by aerolysin-like pore-forming toxins. EMBO Journal, 2006, 25, 457-466.	3.5	95
10	Dual Chaperone Role of the C-Terminal Propeptide in Folding and Oligomerization of the Pore-Forming Toxin Aerolysin. PLoS Pathogens, 2011, 7, e1002135.	2.1	64
11	The 2DX robot: A membrane protein 2D crystallization Swiss Army knife. Journal of Structural Biology, 2010, 169, 370-378.	1.3	34
12	A new tool based on two micromanipulators facilitates the handling of ultrathin cryosection ribbons. Journal of Structural Biology, 2014, 185, 125-128.	1.3	27
13	Membrane deformation and layer-by-layer peeling of giant vesicles induced by the pore-forming toxin pneumolysin. Biomaterials Science, 2019, 7, 3693-3705.	2.6	16
14	The structure and symmetry of radial spoke protein complex in <i>Chlamydomonas</i> flagella. Journal of Cell Science, 2020, 133, .	1.2	14
15	Dissecting Out the Molecular Mechanism of Insecticidal Activity of Ostreolysin A6/Pleurotolysin B Complexes on Western Corn Rootworm. Toxins, 2021, 13, 455.	1.5	11
16	Supramolecular assembly of DNA-constructed vesicles. Nanoscale, 2020, 12, 21118-21123.	2.8	10
17	Revealing Assembly of a Pore-Forming Complex Using Single-Cell Kinetic Analysis and Modeling. Biophysical Journal, 2016, 110, 1574-1581.	0.2	9
18	A small ribosome-associated ncRNA globally inhibits translation by restricting ribosome dynamics. RNA Biology, 2021, 18, 1-16.	1.5	6

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#	Article	IF	CITATIONS
19	Aerolysin and Related Aeromonas Toxins. , 2015, , 773-793.		4
20	A bacterial big-MAC attack. Nature Structural and Molecular Biology, 2004, 11, 1163-1164.	3.6	3
21	Tetraphenylethylene–DNA conjugates: influence of sticky ends and DNA sequence length on the supramolecular assembly of AIE-active vesicles. Organic and Biomolecular Chemistry, 2022, , .	1.5	3
22	Complex DNA Architectonics─Self-Assembly of Amphiphilic Oligonucleotides into Ribbons, Vesicles, and Asterosomes. Bioconjugate Chemistry, 2022, , .	1.8	2
23	Assembly and Function of Pore-Forming Toxin Aerolysin from Aeromonas Hydrophila. Biophysical Journal, 2011, 100, 389a.	0.2	0
24	Unraveling the Assembly of Large Macromolecular Machines by Integrating Computational Techniques with Experimental Data. Biophysical Journal, 2012, 102, 261a.	0.2	0
25	The Molecular Assembly of the Aerolysin Pore Reveals a Unique Swirling Membrane-Insertion Mechanism. Biophysical Journal, 2013, 104, 395a.	0.2	0