

# Remi Fronzes

## List of Publications by Year in descending order

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38  
papers

3,494  
citations

236925

25  
h-index

315739

38  
g-index

42  
all docs

42  
docs citations

42  
times ranked

3961  
citing authors

#	ARTICLE	IF	CITATIONS
1	The structural biology of type IV secretion systems. <i>Nature Reviews Microbiology</i> , 2009, 7, 703-714.	28.6	364
2	Structure of the outer membrane complex of a type IV secretion system. <i>Nature</i> , 2009, 462, 1011-1015.	27.8	283
3	Structure of a type IV secretion system. <i>Nature</i> , 2014, 508, 550-553.	27.8	280
4	Structure of a Type IV Secretion System Core Complex. <i>Science</i> , 2009, 323, 266-268.	12.6	277
5	Structural and mechanistic insights into the bacterial amyloid secretion channel CsgG. <i>Nature</i> , 2014, 516, 250-253.	27.8	246
6	Biogenesis and structure of a type VI secretion membrane core complex. <i>Nature</i> , 2015, 523, 555-560.	27.8	241
7	Architectures and biogenesis of non-flagellar protein appendages in Gram-negative bacteria. <i>EMBO Journal</i> , 2008, 27, 2271-2280.	7.8	156
8	A Type IV Pilus Mediates DNA Binding during Natural Transformation in <i>Streptococcus pneumoniae</i> . <i>PLoS Pathogens</i> , 2013, 9, e1003473.	4.7	147
9	Priming and polymerization of a bacterial contractile tail structure. <i>Nature</i> , 2016, 531, 59-63.	27.8	127
10	SbsB structure and lattice reconstruction unveil Ca <sup>2+</sup> triggered S-layer assembly. <i>Nature</i> , 2012, 487, 119-122.	27.8	125
11	Probing a cell-embedded megadalton protein complex by DNP-supported solid-state NMR. <i>Nature Methods</i> , 2015, 12, 649-652.	19.0	124
12	VirB2 and VirB5 proteins: specialized adhesins in bacterial type-IV secretion systems?. <i>Trends in Microbiology</i> , 2008, 16, 409-413.	7.7	110
13	Bacterial RadA is a DnaB-type helicase interacting with RecA to promote bidirectional D-loop extension. <i>Nature Communications</i> , 2017, 8, 15638.	12.8	101
14	Insights into the structure and assembly of a bacterial cellulose secretion system. <i>Nature Communications</i> , 2017, 8, 2065.	12.8	90
15	Structure of a bacterial type IV secretion core complex at subnanometre resolution. <i>EMBO Journal</i> , 2013, 32, 1195-1204.	7.8	85
16	Binding mechanisms of therapeutic antibodies to human CD20. <i>Science</i> , 2020, 369, 793-799.	12.6	79
17	Biogenesis and structure of a type VI secretion baseplate. <i>Nature Microbiology</i> , 2018, 3, 1404-1416.	13.3	76
18	<i>In situ</i> and high-resolution cryo-EM structure of a bacterial type VI secretion system membrane complex. <i>EMBO Journal</i> , 2019, 38, .	7.8	72

#	ARTICLE	IF	CITATIONS
19	The Peripheral Stalk Participates in the Yeast ATP Synthase Dimerization Independently of e and g Subunits. <i>Biochemistry</i> , 2006, 45, 6715-6723.	2.5	51
20	NMR structure of a complex between the VirB9/VirB7 interaction domains of the pKM101 type IV secretion system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 1673-1678.	7.1	48
21	Molecular architecture of bacterial type IV secretion systems. <i>Trends in Biochemical Sciences</i> , 2010, 35, 691-698.	7.5	46
22	Secretion Systems Used by Bacteria to Subvert Host Functions. <i>Current Issues in Molecular Biology</i> , 2018, 25, 1-42.	2.4	44
23	Bacterial transformation: ComFA is a DNA-dependent ATPase that forms complexes with ComFC and DprA. <i>Molecular Microbiology</i> , 2017, 105, 741-754.	2.5	42
24	Protein oligomerization in the bacterial outer membrane (Review). <i>Molecular Membrane Biology</i> , 2009, 26, 136-145.	2.0	31
25	Structural basis for loading and inhibition of a bacterial T6 phospholipase effector by the VgrG spike. <i>EMBO Journal</i> , 2020, 39, e104129.	7.8	31
26	Molecular dissection of protein-protein interactions between integrin $\alpha 5 \beta 1$ and the <i>Helicobacter pylori</i> Cag type IV secretion system. <i>FEBS Journal</i> , 2017, 284, 4143-4157.	4.7	29
27	Filamentation of the bacterial bi-functional alcohol/aldehyde dehydrogenase AdhE is essential for substrate channeling and enzymatic regulation. <i>Nature Communications</i> , 2020, 11, 1426.	12.8	28
28	Mounting, structure and autocleavage of a type VI secretion-associated Rhs polymorphic toxin. <i>Nature Communications</i> , 2021, 12, 6998.	12.8	27
29	Conserved <i>Streptococcus pneumoniae</i> Spirosomes Suggest a Single Type of Transformation Pilus in Competence. <i>PLoS Pathogens</i> , 2015, 11, e1004835.	4.7	26
30	Topological and Functional Study of Subunit h of the F1Fo ATP Synthase Complex in <i>Yeast Saccharomyces cerevisiae</i> . <i>Biochemistry</i> , 2003, 42, 12038-12049.	2.5	22
31	Yeast Cells Depleted in Atp14p Fail to Assemble Atp6p within the ATP Synthase and Exhibit Altered Mitochondrial Cristae Morphology. <i>Journal of Biological Chemistry</i> , 2008, 283, 9749-9758.	3.4	20
32	Using Cryo-EM to Investigate Bacterial Secretion Systems. <i>Annual Review of Microbiology</i> , 2018, 72, 231-254.	7.3	18
33	The mycoplasma surface proteins MIB and MIP promote the dissociation of the antibody-antigen interaction. <i>Science Advances</i> , 2021, 7, .	10.3	15
34	Structural basis of the signalling through a bacterial membrane receptor HasR deciphered by an integrative approach. <i>Biochemical Journal</i> , 2016, 473, 2239-2248.	3.7	13
35	BAmSA: Visualising transmembrane regions in protein complexes using biotinylated amphipols and electron microscopy. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2019, 1861, 466-477.	2.6	7
36	SnapShot: Bacterial Appendages I. <i>Cell</i> , 2010, 140, 162-162.e1.	28.9	2

#	ARTICLE	IF	CITATIONS
37	SnapShot: Bacterial Appendages II. Cell, 2010, 140, 294-294.e1.	28.9	1
38	Labeling of Membrane Complexes for Electron Microscopy. Methods in Molecular Biology, 2017, 1635, 125-138.	0.9	1