

# Florence Pojer

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

45  
papers

3,082  
citations

26  
h-index

48  
g-index

48  
ext. papers

3,735  
ext. citations

12  
avg, IF

4.68  
L-index

#	Paper	IF	Citations
45	Rapid synthesis of auxin via a new tryptophan-dependent pathway is required for shade avoidance in plants. <i>Cell</i> , <b>2008</b> , 133, 164-76	56.2	757
44	Towards a new combination therapy for tuberculosis with next generation benzothiazinones. <i>EMBO Molecular Medicine</i> , <b>2014</b> , 6, 372-83	12	231
43	Discovery and characterization of a marine bacterial SAM-dependent chlorinase. <i>Nature Chemical Biology</i> , <b>2008</b> , 4, 69-74	11.7	172
42	Towards a new tuberculosis drug: pyridomycin - nature's isoniazid. <i>EMBO Molecular Medicine</i> , <b>2012</b> , 4, 1032-42	12	149
41	Evolution of the chalcone-isomerase fold from fatty-acid binding to stereospecific catalysis. <i>Nature</i> , <b>2012</b> , 485, 530-3	50.4	141
40	Benzothiazinones are suicide inhibitors of mycobacterial decaprenylphosphoryl-D-ribofuranose 2-Oxidase DprE1. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 912-5	16.4	126
39	Structural basis for benzothiazinone-mediated killing of <i>Mycobacterium tuberculosis</i> . <i>Science Translational Medicine</i> , <b>2012</b> , 4, 150ra121	17.5	123
38	Internalization and vacuolar targeting of the brassinosteroid hormone receptor BRI1 are regulated by ubiquitination. <i>Nature Communications</i> , <b>2015</b> , 6, 6151	17.4	106
37	CloQ, a prenyltransferase involved in chlorobioicin biosynthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 2316-21	11.5	104
36	2-Carboxyquinoxalines kill mycobacterium tuberculosis through noncovalent inhibition of DprE1. <i>ACS Chemical Biology</i> , <b>2015</b> , 10, 705-14	4.9	95
35	Virulence regulator EspR of <i>Mycobacterium tuberculosis</i> is a nucleoid-associated protein. <i>PLoS Pathogens</i> , <b>2012</b> , 8, e1002621	7.6	95
34	Changes in SARS-CoV-2 Spike versus Nucleoprotein Antibody Responses Impact the Estimates of Infections in Population-Based Seroprevalence Studies. <i>Journal of Virology</i> , <b>2021</b> , 95,	6.6	86
33	Peptide ligands stabilized by small molecules. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 1602-6.4	16.4	82
32	New auxin analogs with growth-promoting effects in intact plants reveal a chemical strategy to improve hormone delivery. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 15190-5	11.5	79
31	Tetrahydrobiopterin biosynthesis as an off-target of sulfa drugs. <i>Science</i> , <b>2013</b> , 340, 987-91	33.3	65
30	Dithiol amino acids can structurally shape and enhance the ligand-binding properties of polypeptides. <i>Nature Chemistry</i> , <b>2014</b> , 6, 1009-16	17.6	63
29	EspD is critical for the virulence-mediating ESX-1 secretion system in <i>Mycobacterium tuberculosis</i> . <i>Journal of Bacteriology</i> , <b>2012</b> , 194, 884-93	3.5	56

28	Mycobacterium tuberculosis EspB binds phospholipids and mediates EsxA-independent virulence. <i>Molecular Microbiology</i> , <b>2013</b> , 89, 1154-66	4.1	51
27	Pyridomycin bridges the NADH- and substrate-binding pockets of the enoyl reductase InhA. <i>Nature Chemical Biology</i> , <b>2014</b> , 10, 96-8	11.7	48
26	CloR, a bifunctional non-heme iron oxygenase involved in clorobiocin biosynthesis. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 30661-8	5.4	40
25	De novo development of proteolytically resistant therapeutic peptides for oral administration. <i>Nature Biomedical Engineering</i> , <b>2020</b> , 4, 560-571	19	39
24	Phenotypic profiling of Mycobacterium tuberculosis EspA point mutants reveals that blockage of ESAT-6 and CFP-10 secretion in vitro does not always correlate with attenuation of virulence. <i>Journal of Bacteriology</i> , <b>2013</b> , 195, 5421-30	3.5	37
23	Inhibition Mechanisms of Indoleamine 2,3-Dioxygenase 1 (IDO1). <i>Journal of Medicinal Chemistry</i> , <b>2019</b> , 62, 8784-8795	8.3	33
22	Structural basis for the design of potent and species-specific inhibitors of 3-hydroxy-3-methylglutaryl CoA synthases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 11491-6	11.5	33
21	Discovery of benzothiazoles as antimycobacterial agents: Synthesis, structure-activity relationships and binding studies with Mycobacterium tuberculosis decaprenylphosphoryl-ED-ribose 2Xoxidase. <i>Bioorganic and Medicinal Chemistry</i> , <b>2015</b> , 23, 7694-710	3.4	26
20	Structure and function of the transketolase from Mycobacterium tuberculosis and comparison with the human enzyme. <i>Open Biology</i> , <b>2012</b> , 2, 110026	7	26
19	Structural and functional dissection of the DH and PH domains of oncogenic Bcr-Abl tyrosine kinase. <i>Nature Communications</i> , <b>2017</b> , 8, 2101	17.4	21
18	The crystal structures of apo and cAMP-bound GlxR from Corynebacterium glutamicum reveal structural and dynamic changes upon cAMP binding in CRP/FNR family transcription factors. <i>PLoS ONE</i> , <b>2014</b> , 9, e113265	3.7	21
17	Atypical DNA recognition mechanism used by the EspR virulence regulator of Mycobacterium tuberculosis. <i>Molecular Microbiology</i> , <b>2011</b> , 82, 251-64	4.1	20
16	Selective Targeting of SH2 Domain-Phosphotyrosine Interactions of Src Family Tyrosine Kinases with Monobodies. <i>Journal of Molecular Biology</i> , <b>2017</b> , 429, 1364-1380	6.5	18
15	Towards anti-virulence drugs targeting ESX-1 mediated pathogenesis of Mycobacterium tuberculosis. <i>Drug Discovery Today Disease Mechanisms</i> , <b>2010</b> , 7, e25-e31		18
14	Selective inhibition of STAT3 signaling using monobodies targeting the coiled-coil and N-terminal domains. <i>Nature Communications</i> , <b>2020</b> , 11, 4115	17.4	16
13	Changes in SARS-CoV-2 Antibody Responses Impact the Estimates of Infections in Population-Based Seroprevalence Studies		15
12	A high-throughput cell- and virus-free assay shows reduced neutralization of SARS-CoV-2 variants by COVID-19 convalescent plasma. <i>Science Translational Medicine</i> , <b>2021</b> , 13,	17.5	15
11	Btk SH2-kinase interface is critical for allosteric kinase activation and its targeting inhibits B-cell neoplasms. <i>Nature Communications</i> , <b>2020</b> , 11, 2319	17.4	12

10	Sigma factor F does not prevent rifampin inhibition of RNA polymerase or cause rifampin tolerance in <i>Mycobacterium tuberculosis</i> . <i>Journal of Bacteriology</i> , <b>2010</b> , 192, 5472-9	3.5	9
9	Molecular replacement in the X-ray structure determination of the non-haem iron oxygenase NovR from <i>Streptomyces spheroides</i> through repeated density modification of a poor molecular-replacement solution. <i>Acta Crystallographica Section D: Biological Crystallography</i> , <b>2006</b> , 62, 1564-70		9
8	Palmitoylated acyl protein thioesterase APT2 deforms membranes to extract substrate acyl chains. <i>Nature Chemical Biology</i> , <b>2021</b> , 17, 438-447	11.7	9
7	A highly potent antibody effective against SARS-CoV-2 variants of concern. <i>Cell Reports</i> , <b>2021</b> , 37, 109814-6	10.6	9
6	Functional dissection of intersubunit interactions in the EspR virulence regulator of <i>Mycobacterium tuberculosis</i> . <i>Journal of Bacteriology</i> , <b>2014</b> , 196, 1889-900	3.5	6
5	High resolution CryoEM structure of the ring-shaped virulence factor EspB from. <i>Journal of Structural Biology: X</i> , <b>2020</b> , 4, 100029	2.9	6
4	Structural analysis of the Spike of the Omicron SARS-COV-2 variant by cryo-EM and implications for immune evasion		5
3	Structural investigation of ACE2 dependent disassembly of the trimeric SARS-CoV-2 Spike glycoprotein		4
2	Azole-Based Indoleamine 2,3-Dioxygenase 1 (IDO1) Inhibitors. <i>Journal of Medicinal Chemistry</i> , <b>2021</b> , 64, 2205-2227	8.3	4
1	SARS-CoV-2 Omicron potently neutralized by a novel antibody with unique Spike binding properties		1