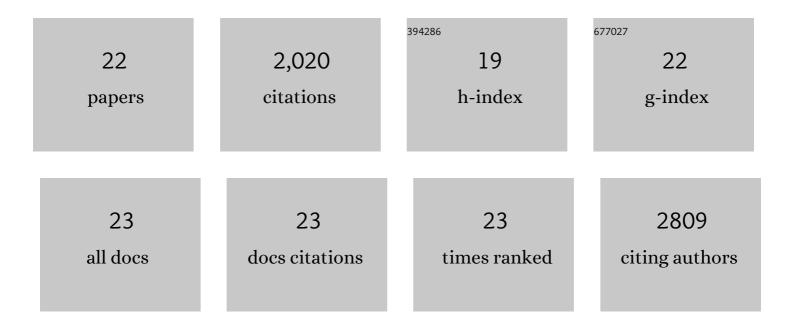
Christoph Thomas

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Structural Linkage between Ligand Discrimination and Receptor Activation by Type I Interferons. Cell, 2011, 146, 621-632.	13.5	310
2	A new family of RhoCEFs activates the Rop molecular switch in plants. Nature, 2005, 436, 1176-1180.	13.7	255
3	Structural and Mechanistic Principles of ABC Transporters. Annual Review of Biochemistry, 2020, 89, 605-636.	5.0	252
4	Conformation space of a heterodimeric ABC exporter under turnover conditions. Nature, 2019, 571, 580-583.	13.7	185
5	Structural and functional diversity calls for a new classification of ABC transporters. FEBS Letters, 2020, 594, 3767-3775.	1.3	169
6	Structure of the TAPBPR–MHC I complex defines the mechanism of peptide loading and editing. Science, 2017, 358, 1060-1064.	6.0	115
7	Structure of the activating IL-1 receptor signaling complex. Nature Structural and Molecular Biology, 2012, 19, 455-457.	3.6	100
8	Structural Evidence for a Common Intermediate in Small G Protein-GEF Reactions. Molecular Cell, 2007, 25, 141-149.	4.5	92
9	Structural basis for IL-12 and IL-23 receptor sharing reveals a gateway for shaping actions on T versus NK cells. Cell, 2021, 184, 983-999.e24.	13.5	78
10	Multifaceted structures and mechanisms of ABC transport systems in health and disease. Current Opinion in Structural Biology, 2018, 51, 116-128.	2.6	74
11	Crystal structure and mechanistic basis of a functional homolog of the antigen transporter TAP. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E438-E447.	3.3	67
12	Proofreading of Peptide—MHC Complexes through Dynamic Multivalent Interactions. Frontiers in Immunology, 2017, 8, 65.	2.2	58
13	Instructive roles for cytokine-receptor binding parameters in determining signaling and functional potency. Science Signaling, 2015, 8, ra114.	1.6	57
14	Mechanistic Basis for Epitope Proofreading in the Peptide-Loading Complex. Journal of Immunology, 2015, 195, 4503-4513.	0.4	43
15	MHC I chaperone complexes shaping immunity. Current Opinion in Immunology, 2019, 58, 9-15.	2.4	41
16	A loop structure allows TAPBPR to exert its dual function as MHC I chaperone and peptide editor. ELife, 2020, 9, .	2.8	33
17	MHC I assembly and peptide editing — chaperones, clients, and molecular plasticity in immunity. Current Opinion in Immunology, 2021, 70, 48-56.	2.4	30
18	3D structure of a binary ROP-PRONE complex: the final intermediate for a complete set of molecular snapshots of the RopGEF reaction. Biological Chemistry, 2009, 390, 427-435.	1.2	26

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#	Article	IF	CITATIONS
19	The Role of the Conserved Switch II Glutamate in Guanine Nucleotide Exchange Factor-Mediated Nucleotide Exchange of GTP-Binding Proteins. Journal of Molecular Biology, 2008, 379, 51-63.	2.0	24
20	Purification and crystallization of the catalytic PRONE domain of RopGEF8 and its complex with Rop4 fromArabidopsis thaliana. Acta Crystallographica Section F: Structural Biology Communications, 2006, 62, 607-610.	0.7	6
21	Structure and Function of ROPs and their GEFs. Signaling and Communication in Plants, 2010, , 49-69.	0.5	3
22	Purification, crystallization and preliminary X-ray diffraction analysis of the plant Rho protein ROP5. Acta Crystallographica Section F: Structural Biology Communications, 2007, 63, 1070-1072.	0.7	2