

# Xavier Robert

## List of Publications by Year in descending order

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29  
papers

6,961  
citations

840776

11  
h-index

501196

28  
g-index

31  
all docs

31  
docs citations

31  
times ranked

12786  
citing authors

#	ARTICLE	IF	CITATIONS
1	Scaffolding Protein GspB/OutB Facilitates Assembly of the <i>Dickeya dadantii</i> Type 2 Secretion System by Anchoring the Outer Membrane Secretin Pore to the Inner Membrane and to the Peptidoglycan Cell Wall. <i>MBio</i> , 2022, 13, e0025322.	4.1	2
2	Identification of 2-(4-N,N-Dimethylaminophenyl)-5-methyl-1-phenethyl-1H-benzimidazole targeting HIV-1 CA capsid protein and inhibiting HIV-1 replication in cellulo. <i>BMC Pharmacology &amp; Toxicology</i> , 2022, 23, .	2.4	0
3	Structure–function analysis of pectate lyase Pel3 reveals essential facets of protein recognition by the bacterial type 2 secretion system. <i>Journal of Biological Chemistry</i> , 2021, 296, 100305.	3.4	6
4	Pyrazol(in)e derivatives of curcumin analogs as a new class of anti- <i>Trypanosoma cruzi</i> agents. <i>Future Medicinal Chemistry</i> , 2021, 13, 701-714.	2.3	5
5	Identification of a Potential Inhibitor of the FIV p24 Capsid Protein and Characterization of Its Binding Site. <i>Biochemistry</i> , 2021, 60, 1896-1908.	2.5	3
6	Exploring molecular determinants of polysaccharide lyase family 6 enzyme activity. <i>Glycobiology</i> , 2021, 31, 1557-1570.	2.5	9
7	Novel and selective inactivators of Triosephosphate isomerase with anti-trematode activity. <i>Scientific Reports</i> , 2020, 10, 2587.	3.3	12
8	Human H4 tail stimulates HIV-1 integration through binding to the carboxy-terminal domain of integrase. <i>Nucleic Acids Research</i> , 2019, 47, 3607-3618.	14.5	15
9	Looking for Novel Capsid Protein Multimerization Inhibitors of Feline Immunodeficiency Virus. <i>Pharmaceuticals</i> , 2018, 11, 67.	3.8	7
10	Au courant computation of the PDB to audit diffraction anisotropy of soluble and membrane proteins. <i>Data in Brief</i> , 2018, 19, 753-757.	1.0	3
11	Identification and visualization of protein binding regions with the ArDock server. <i>Nucleic Acids Research</i> , 2018, 46, W417-W422.	14.5	11
12	X-ray diffraction reveals the intrinsic difference in the physical properties of membrane and soluble proteins. <i>Scientific Reports</i> , 2017, 7, 17013.	3.3	13
13	Modulation of the functional association between the HIV-1 intasome and the nucleosome by histone amino-terminal tails. <i>Retrovirology</i> , 2017, 14, 54.	2.0	15
14	Deciphering key features in protein structures with the new ENDscript server. <i>Nucleic Acids Research</i> , 2014, 42, W320-W324.	14.5	5,136
15	Substrate recognition by the bacterial type II secretion system: more than a simple interaction. <i>Molecular Microbiology</i> , 2014, 94, 126-140.	2.5	38
16	Mutations inducing an active-site aperture in <i>Rhizobium</i> sp. sucrose isomerase confer hydrolytic activity. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2013, 69, 298-307.	2.5	11
17	PelN Is a New Pectate Lyase of <i>Dickeya dadantii</i> with Unusual Characteristics. <i>Journal of Bacteriology</i> , 2013, 195, 2197-2206.	2.2	48
18	Dynamic Interplay between the Periplasmic and Transmembrane Domains of GspL and GspM in the Type II Secretion System. <i>PLoS ONE</i> , 2013, 8, e79562.	2.5	34

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19	A Crystal Structure of the Catalytic Core Domain of an Avian Sarcoma and Leukemia Virus Integrase Suggests an Alternate Dimeric Assembly. <i>PLoS ONE</i> , 2011, 6, e23032.	2.5	11
20	The Extended Conformation of the 2.9-Å... Crystal Structure of the Three-PASTA Domain of a Ser/Thr Kinase from the Human Pathogen <i>Staphylococcus aureus</i> . <i>Journal of Molecular Biology</i> , 2010, 404, 847-858.	4.2	40
21	Structural determinants of product specificity of sucrose isomerases. <i>FEBS Letters</i> , 2009, 583, 1964-1968.	2.8	22
22	Crystallization and initial X-ray diffraction study of the three PASTA domains of the Ser/Thr kinase Stk1 from the human pathogen <i>Staphylococcus aureus</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2009, 65, 1187-1189.	0.7	2
23	Multi-site substrate binding and interplay in barley $\alpha$ -amylase 1. <i>FEBS Letters</i> , 2008, 582, 2567-2571.	2.8	18
24	Insights into sucrose isomerization from crystal structures of the <i>Pseudomonas mesoacidophila</i> MX-45 sucrose isomerase, MutB. <i>Biocatalysis and Biotransformation</i> , 2008, 26, 111-119.	2.0	5
25	Trehalulose Synthase Native and Carbohydrate Complexed Structures Provide Insights into Sucrose Isomerization. <i>Journal of Biological Chemistry</i> , 2007, 282, 28126-28136.	3.4	69
26	Oligosaccharide Binding to Barley $\alpha$ -Amylase 1. <i>Journal of Biological Chemistry</i> , 2005, 280, 32968-32978.	3.4	67
27	The Structure of Barley $\alpha$ -Amylase Isozyme 1 Reveals a Novel Role of Domain C in Substrate Recognition and Binding. <i>Structure</i> , 2003, 11, 973-984.	3.3	142
28	ESPrpt/ENDscript: extracting and rendering sequence and 3D information from atomic structures of proteins. <i>Nucleic Acids Research</i> , 2003, 31, 3320-3323.	14.5	1,207
29	Expression, purification and preliminary crystallographic studies of $\alpha$ -amylase isozyme 1 from barley seeds. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2002, 58, 683-686.	2.5	10