

# Patricia Casino

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3422195/publications.pdf>

Version: 2024-02-01

19  
papers

1,042  
citations

687363

13  
h-index

713466

21  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1258  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural Insight into Partner Specificity and Phosphoryl Transfer in Two-Component Signal Transduction. <i>Cell</i> , 2009, 139, 325-336.	28.9	351
2	The mechanism of signal transduction by two-component systems. <i>Current Opinion in Structural Biology</i> , 2010, 20, 763-771.	5.7	206
3	Visualizing autophosphorylation in histidine kinases. <i>Nature Communications</i> , 2014, 5, 3258.	12.8	115
4	Structural Basis of a Rationally Rewired Protein-Protein Interface Critical to Bacterial Signaling. <i>Structure</i> , 2013, 21, 1636-1647.	3.3	69
5	Synthesis and Characterization of Allosteric Probes of Substrate Channeling in the Tryptophan Synthase Bienenzyme Complex. <i>Biochemistry</i> , 2007, 46, 7713-7727.	2.5	55
6	Molecular architecture and activation of the insecticidal protein Vip3Aa from <i>Bacillus thuringiensis</i> . <i>Nature Communications</i> , 2020, 11, 3974.	12.8	44
7	Evaluation of Enzyme-Linked Immunoassays for the Determination of Chloroacetanilides in Water and Soils. <i>Environmental Science &amp; Technology</i> , 2001, 35, 4111-4119.	10.0	37
8	Proton Transfers in the $\hat{\text{I}}^2$ -Reaction Catalyzed by Tryptophan Synthase. <i>Biochemistry</i> , 2002, 41, 9991-10001.	2.5	26
9	Structural analysis and biochemical properties of laccase enzymes from two <i>Pediococcus</i> species. <i>Microbial Biotechnology</i> , 2021, 14, 1026-1043.	4.2	21
10	Revisiting the pH-gated conformational switch on the activities of HisKA-family histidine kinases. <i>Nature Communications</i> , 2020, 11, 769.	12.8	19
11	Conformational dynamism for DNA interaction in the <i>Salmonella</i> RcsB response regulator. <i>Nucleic Acids Research</i> , 2018, 46, 456-472.	14.5	17
12	Peptides as Versatile Platforms for Quantum Computing. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 4522-4526.	4.6	15
13	Allosteric Regulation of Tryptophan Synthase Channeling: The Internal Aldimine Probed by trans-3-Indole-3-acrylate Binding. <i>Biochemistry</i> , 2007, 46, 7728-7739.	2.5	13
14	Structures of collagen IV globular domains: insight into associated pathologies, folding and network assembly. <i>IUCr</i> , 2018, 5, 765-779.	2.2	12
15	Identification of a novel two component system in <i>Thermotoga maritima</i> . Complex stoichiometry and crystallization. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2007, 1774, 603-609.	2.3	11
16	Structure-based analyses of <i>Salmonella</i> RcsB variants unravel new features of the Rcs regulon. <i>Nucleic Acids Research</i> , 2021, 49, 2357-2374.	14.5	10
17	Assessment of enzyme-linked immunosorbent assay for the determination of 2,4,5-TP in water and soil. <i>Analytical and Bioanalytical Chemistry</i> , 2002, 374, 262-268.	3.7	8
18	Structural and functional role of Domain I for the insecticidal activity of the Vip3Aa protein from <i>Bacillus thuringiensis</i> . <i>Microbial Biotechnology</i> , 2022, 15, 2607-2618.	4.2	8

#	ARTICLE	IF	CITATIONS
19	Structural and Functional Characterization of Autophosphorylation in Bacterial Histidine Kinases. Methods in Molecular Biology, 2020, 2077, 121-140.	0.9	1