

# 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 and functional role of Domain I for the insecticidal activity of the <scp>Vip3Aa</scp> protein from <i>Bacillus thuringiensis</i>. <i>Microbial Biotechnology</i> , 2022, 15, 2607-2618.             | 4.2  | 8         |
| 2  | Structure-based analyses of Salmonella RcsB variants unravel new features of the Rcs regulon. <i>Nucleic Acids Research</i> , 2021, 49, 2357-2374.  | 14.5 | 10        |
| 3  | 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        |
| 4  | Molecular architecture and activation of the insecticidal protein Vip3Aa from <i>Bacillus thuringiensis</i> . <i>Nature Communications</i> , 2020, 11, 3974.  | 12.8 | 44        |
| 5  | Revisiting the pH-gated conformational switch on the activities of HisKA-family histidine kinases. <i>Nature Communications</i> , 2020, 11, 769.  | 12.8 | 19        |
| 6  | Structural and Functional Characterization of Autophosphorylation in Bacterial Histidine Kinases. <i>Methods in Molecular Biology</i> , 2020, 2077, 121-140.  | 0.9  | 1         |
| 7  | Conformational dynamism for DNA interaction in the Salmonella RcsB response regulator. <i>Nucleic Acids Research</i> , 2018, 46, 456-472.   | 14.5 | 17        |
| 8  | Peptides as Versatile Platforms for Quantum Computing. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 4522-4526.   | 4.6  | 15        |
| 9  | Structures of collagen IV globular domains: insight into associated pathologies, folding and network assembly. <i>IUCr</i> , 2018, 5, 765-779.  | 2.2  | 12        |
| 10 | Visualizing autophosphorylation in histidine kinases. <i>Nature Communications</i> , 2014, 5, 3258.   | 12.8 | 115       |
| 11 | Structural Basis of a Rationally Rewired Protein-Protein Interface Critical to Bacterial Signaling. <i>Structure</i> , 2013, 21, 1636-1647.   | 3.3  | 69        |
| 12 | The mechanism of signal transduction by two-component systems. <i>Current Opinion in Structural Biology</i> , 2010, 20, 763-771.  | 5.7  | 206       |
| 13 | Structural Insight into Partner Specificity and Phosphoryl Transfer in Two-Component Signal Transduction. <i>Cell</i> , 2009, 139, 325-336.   | 28.9 | 351       |
| 14 | Allosteric Regulation of Tryptophan Synthase Channeling:â€‰ The Internal Aldimine Probed by trans-3-Indole-3â€‰-acrylate Binding. <i>Biochemistry</i> , 2007, 46, 7728-7739.                                    | 2.5  | 13        |
| 15 | 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        |
| 16 | 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        |
| 17 | Proton Transfers in the Î²-Reaction Catalyzed by Tryptophan Synthaseâ€‰. <i>Biochemistry</i> , 2002, 41, 9991-10001.  | 2.5  | 26        |
| 18 | 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         |

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|----|---|------|-----------|
| 19 | Evaluation of Enzyme-Linked Immunoassays for the Determination of Chloroacetanilides in Water and Soils. Environmental Science & Technology, 2001, 35, 4111-4119. | 10.0 | 37        |