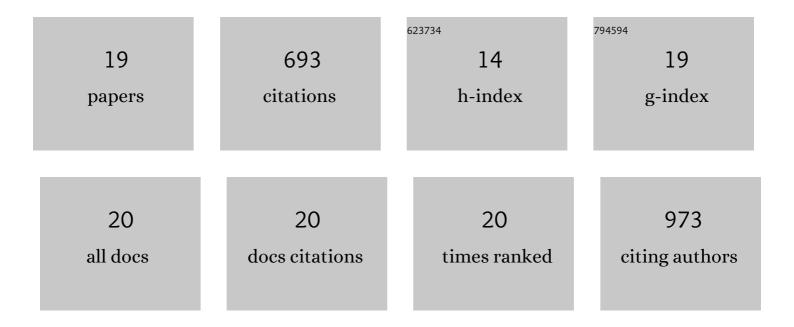
## Vânia Brissos

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6305613/publications.pdf Version: 2024-02-01



| #  | Article  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Distal Mutations Shape Substrate-Binding Sites during Evolution of a Metallo-Oxidase into a Laccase.<br>ACS Catalysis, 2022, 12, 5022-5035.  | 11.2 | 9         |
| 2  | Loops around the Heme Pocket Have a Critical Role in the Function and Stability of BsDyP from Bacillus subtilis. International Journal of Molecular Sciences, 2021, 22, 10862.                                       | 4.1  | 9         |
| 3  | Methionine-Rich Loop of Multicopper Oxidase McoA Follows Open-to-Close Transitions with a Role in Enzyme Catalysis. ACS Catalysis, 2020, 10, 7162-7176.  | 11.2 | 15        |
| 4  | Immobilized dye-decolorizing peroxidase (DyP) and directed evolution variants for hydrogen peroxide biosensing. Biosensors and Bioelectronics, 2020, 153, 112055.  | 10.1 | 18        |
| 5  | Decolorization and detoxification of textile dyes using a versatile Streptomyces laccase-natural mediator system. Saudi Journal of Biological Sciences, 2019, 26, 913-920.   | 3.8  | 69        |
| 6  | Engineering a Bacterial DyP-Type Peroxidase for Enhanced Oxidation of Lignin-Related Phenolics at<br>Alkaline pH. ACS Catalysis, 2017, 7, 3454-3465.   | 11.2 | 74        |
| 7  | Laccases of prokaryotic origin: enzymes at the interface of protein science and protein technology.<br>Cellular and Molecular Life Sciences, 2015, 72, 911-922.  | 5.4  | 87        |
| 8  | Turning a Hyperthermostable Metallo-Oxidase into a Laccase by Directed Evolution. ACS Catalysis, 2015, 5, 4932-4941.   | 11.2 | 19        |
| 9  | An integrated view of redox and catalytic properties of B-type PpDyP from Pseudomonas putida MET94 and its distal variants. Archives of Biochemistry and Biophysics, 2015, 574, 99-107.                              | 3.0  | 42        |
| 10 | Improving Kinetic or Thermodynamic Stability of an Azoreductase by Directed Evolution. PLoS ONE, 2014, 9, e87209.  | 2.5  | 30        |
| 11 | New dye-decolorizing peroxidases from Bacillus subtilis and Pseudomonas putida MET94: towards biotechnological applications. Applied Microbiology and Biotechnology, 2014, 98, 2053-2065.                            | 3.6  | 134       |
| 12 | The kinetic role of carboxylate residues in the proximity of the trinuclear centre in the O2 reactivity of CotA-laccase. Dalton Transactions, 2012, 41, 6247.  | 3.3  | 24        |
| 13 | The role of Asp116 in the reductive cleavage of dioxygen to water in CotA laccase: assistance during the proton-transfer mechanism. Acta Crystallographica Section D: Biological Crystallography, 2012, 68, 186-193. | 2.5  | 29        |
| 14 | Enhancing the thermal stability of lipases through mutagenesis and immobilization on zeolites.<br>Bioprocess and Biosystems Engineering, 2009, 32, 53-61.  | 3.4  | 20        |
| 15 | Expression system of CotA″accase for directed evolution and highâ€ŧhroughput screenings for the<br>oxidation of highâ€redox potential dyes. Biotechnology Journal, 2009, 4, 558-563.                                 | 3.5  | 48        |
| 16 | Comparing the effect of immobilization methods on the activity of lipase biocatalysts in ester hydrolysis. Bioprocess and Biosystems Engineering, 2008, 31, 323-327.   | 3.4  | 12        |
| 17 | Biochemical and structural characterisation of cutinase mutants in the presence of the anionic surfactant AOT. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2008, 1784, 1326-1334.                       | 2.3  | 17        |
| 18 | Following Multi-Component Reactions in Liquid Medium Using Spectral Band-Fitting Techniques.<br>Applied Spectroscopy, 2008, 62, 932-935.   | 2.2  | 3         |

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| 19 | Improving activity and stability of cutinase towards the anionic detergent AOT by complete saturation mutagenesis. Protein Engineering, Design and Selection, 2008, 21, 387-393. | 2.1 | 34        |