

Alexandros Valmas

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

13
papers

77
citations

6
h-index

8
g-index

15
ext. papers

93
ext. citations

3.4
avg, IF

2.16
L-index

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 13 | New perspectives in macromolecular powder diffraction using single-photon-counting strip detectors: high-resolution structure of the pharmaceutical peptide octreotide. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2021 , 77, 186-195 | 1.7 | 3 |
| 12 | High-throughput macromolecular polymorph screening via an NMR and X-ray powder diffraction synergistic approach: the case of human insulin co-crystallized with resorcinol derivatives. <i>Journal of Applied Crystallography</i> , 2021 , 54, 963-975 | 3.8 | |
| 11 | Alkylamino-terephthalate ligands stabilize 8-connected Zr ⁴⁺ MOFs with highly efficient sorption for toxic Se species. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 3379-3387 | 13 | 6 |
| 10 | Applications of X-ray Powder Diffraction in Protein Crystallography and Drug Screening. <i>Crystals</i> , 2020 , 10, 54 | 2.3 | 11 |
| 9 | Exploring the complex map of insulin polymorphism: a novel crystalline form in the presence of m-cresol. <i>Acta Crystallographica Section D: Structural Biology</i> , 2020 , 76, 366-374 | 5.5 | 2 |
| 8 | Rapid screening of grown protein crystals via a small-angle X-ray scattering/X-ray powder diffraction synergistic approach. <i>Journal of Applied Crystallography</i> , 2020 , 53, 1169-1180 | 3.8 | 8 |
| 7 | Structural Studies of a Fungal Polyphenol Oxidase with Application to Bioremediation of Contaminated Water. <i>Proceedings (mdpi)</i> , 2020 , 66, 10 | 0.3 | |
| 6 | Rietveld Refinement for Macromolecular Powder Diffraction. <i>Crystal Growth and Design</i> , 2020 , 20, 8101-8123 | 3.23 | 4 |
| 5 | Insulin polymorphism induced by two polyphenols: new crystal forms and advances in macromolecular powder diffraction. <i>Acta Crystallographica Section D: Structural Biology</i> , 2020 , 76, 1065-1079 | 5.5 | 3 |
| 4 | Revisiting the structure of a synthetic somatostatin analogue for peptide drug design. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2019 , 75, 611-620 | 1.8 | 7 |
| 3 | Dengue virus 3 NS5 methyltransferase domain: expression, purification, crystallization and first structural data from microcrystalline specimens. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2018 , 233, 309-316 | 1 | 8 |
| 2 | In Quest for Improved Drugs against Diabetes: The Added Value of X-ray Powder Diffraction Methods. <i>Biomolecules</i> , 2017 , 7, | 5.9 | 14 |
| 1 | Coxsackievirus B3 protease 3C: expression, purification, crystallization and preliminary structural insights. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2016 , 72, 877-884 | 1.1 | 11 |