

# Bryan T Eger

## List of Publications by Citations

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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.

9

papers

256

citations

7

h-index

9

g-index

9

ext. papers

318

ext. citations

6.7

avg, IF

3.26

L-index

| # | Paper   | IF   | Citations |
|---|---|------|-----------|
| 9 | Crystallogenesis of Membrane Proteins Mediated by Polymer-Bounded Lipid Nanodiscs. <i>Structure</i> , <b>2017</b> , 25, 384-392   | 5.2  | 105       |
| 8 | Fixed target combined with spectral mapping: approaching 100% hit rates for serial crystallography. <i>Acta Crystallographica Section D: Structural Biology</i> , <b>2016</b> , 72, 944-55                      | 5.5  | 54        |
| 7 | Development and Characterization of Potent Cyclic Acyldepsipeptide Analogues with Increased Antimicrobial Activity. <i>Journal of Medicinal Chemistry</i> , <b>2016</b> , 59, 624-46                            | 8.3  | 34        |
| 6 | The C-terminal peptide plays a role in the formation of an intermediate form during the transition between xanthine dehydrogenase and xanthine oxidase. <i>FEBS Journal</i> , <b>2015</b> , 282, 3075-90        | 5.7  | 23        |
| 5 | ClpP protease activation results from the reorganization of the electrostatic interaction networks at the entrance pores. <i>Communications Biology</i> , <b>2019</b> , 2, 410                                  | 6.7  | 14        |
| 4 | Serial femtosecond and serial synchrotron crystallography can yield data of equivalent quality: A systematic comparison. <i>Science Advances</i> , <b>2021</b> , 7,   | 14.3 | 12        |
| 3 | The crystal structures of a chloride-pumping microbial rhodopsin and its proton-pumping mutant illuminate proton transfer determinants. <i>Journal of Biological Chemistry</i> , <b>2020</b> , 295, 14793-14804 | 5.4  | 9         |
| 2 | A Novel Polar Core and Weakly Fixed C-Tail in Squid Arrestin Provide New Insight into Interaction with Rhodopsin. <i>Journal of Molecular Biology</i> , <b>2018</b> , 430, 4102-4118                            | 6.5  | 4         |
| 1 | Structural evidence for visual arrestin priming via complexation of phosphoinositols. <i>Structure</i> , <b>2021</b> ,  | 5.2  | 1         |