

Jan Michael Schuller

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6760110/jan-michael-schuller-publications-by-year.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

25
papers

700
citations

15
h-index

26
g-index

32
ext. papers

1,026
ext. citations

17.2
avg, IF

4.13
L-index

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 25 | Structural insights into photosystem II assembly. <i>Nature Plants</i> , 2021 , 7, 524-538 | 11.5 | 31 |
| 24 | Biomolekulare Maschinen des Kohlenstoff-Konzentrationsmechanismus. <i>BioSpektrum</i> , 2021 , 27, 448-448.1 | | |
| 23 | Structural basis for VIPP1 oligomerization and maintenance of thylakoid membrane integrity. <i>Cell</i> , 2021 , 184, 3643-3659.e23 | 56.2 | 17 |
| 22 | A new-to-nature carboxylation module to improve natural and synthetic CO ₂ fixation. <i>Nature Catalysis</i> , 2021 , 4, 105-115 | 36.5 | 24 |
| 21 | Redox-coupled proton pumping drives carbon concentration in the photosynthetic complex I. <i>Nature Communications</i> , 2020 , 11, 494 | 17.4 | 38 |
| 20 | Structural insights into the nucleic acid remodeling mechanisms of the yeast THO-Sub2 complex. <i>ELife</i> , 2020 , 9, | 8.9 | 6 |
| 19 | Direct visualization of degradation microcompartments at the ER membrane. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 1069-1080 | 11.5 | 37 |
| 18 | Molecular Basis for poly(A) RNP Architecture and Recognition by the Pan2-Pan3 Deadenylation. <i>Cell</i> , 2019 , 177, 1619-1631.e21 | 56.2 | 26 |
| 17 | To Process or to Decay: A Mechanistic View of the Nuclear RNA Exosome. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2019 , 84, 155-163 | 3.9 | 9 |
| 16 | InsP binding to PIKK kinases revealed by the cryo-EM structure of an SMG1-SMG8-SMG9 complex. <i>Nature Structural and Molecular Biology</i> , 2019 , 26, 1089-1093 | 17.6 | 20 |
| 15 | Structural adaptations of photosynthetic complex I enable ferredoxin-dependent electron transfer. <i>Science</i> , 2019 , 363, 257-260 | 33.3 | 97 |
| 14 | Structure of the nuclear exosome captured on a maturing preribosome. <i>Science</i> , 2018 , 360, 219-222 | 33.3 | 55 |
| 13 | Distinct and evolutionary conserved structural features of the human nuclear exosome complex. <i>ELife</i> , 2018 , 7, | 8.9 | 22 |
| 12 | Structures of the cyanobacterial circadian oscillator frozen in a fully assembled state. <i>Science</i> , 2017 , 355, 1181-1184 | 33.3 | 77 |
| 11 | Reconstitution of the complete pathway of ITS2 processing at the pre-ribosome. <i>Nature Communications</i> , 2017 , 8, 1787 | 17.4 | 44 |
| 10 | Nucleotide-dependent conformational changes of the AAA+ ATPase p97 revisited. <i>FEBS Letters</i> , 2016 , 590, 595-604 | 3.8 | 30 |
| 9 | Effect of lipid head groups on double-layered two-dimensional crystals formed by aquaporin-0. <i>PLoS ONE</i> , 2015 , 10, e0117371 | 3.7 | 5 |

| | | | |
|---|--|-----|----|
| 8 | Structural basis for recognition and remodeling of the TBP:DNA:NC2 complex by Mot1. <i>ELife</i> , 2015 , 4, | 8.9 | 14 |
| 7 | Automatic particle picking and multi-class classification in cryo-electron tomograms 2014 , | | 4 |
| 6 | Molecular architecture of the HerA-NurA DNA double-strand break resection complex. <i>FEBS Letters</i> , 2014 , 588, 4637-44 | 3.8 | 10 |
| 5 | Emerging mechanistic insights into AAA complexes regulating proteasomal degradation. <i>Biomolecules</i> , 2014 , 4, 774-94 | 5.9 | 9 |
| 4 | Fast and accurate reference-free alignment of subtomograms. <i>Journal of Structural Biology</i> , 2013 , 182, 235-45 | 3.4 | 56 |
| 3 | Structure and catalytic mechanism of a cyclic dipeptide prenyltransferase with broad substrate promiscuity. <i>Journal of Molecular Biology</i> , 2012 , 422, 87-99 | 6.5 | 57 |
| 2 | Structural basis for VIPP1 oligomerization and maintenance of thylakoid membrane integrity | | 7 |
| 1 | How to build a water-splitting machine: structural insights into photosystem II assembly | | 3 |