

Jacob B Bale

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8351397/publications.pdf>

Version: 2024-02-01

11
papers

2,369
citations

840119

11
h-index

1199166

12
g-index

12
all docs

12
docs citations

12
times ranked

3268
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Accurate design of co-assembling multi-component protein nanomaterials. <i>Nature</i> , 2014, 510, 103-108. | 13.7 | 504 |
| 2 | Accurate design of megadalton-scale two-component icosahedral protein complexes. <i>Science</i> , 2016, 353, 389-394. | 6.0 | 466 |
| 3 | Design of a hyperstable 60-subunit protein icosahedron. <i>Nature</i> , 2016, 535, 136-139. | 13.7 | 373 |
| 4 | Computational protein design enables a novel one-carbon assimilation pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 3704-3709. | 3.3 | 286 |
| 5 | Increased Diels-Alderase activity through backbone remodeling guided by Foldit players. <i>Nature Biotechnology</i> , 2012, 30, 190-192. | 9.4 | 259 |
| 6 | Evolution of a designed protein assembly encapsulating its own RNA genome. <i>Nature</i> , 2017, 552, 415-420. | 13.7 | 174 |
| 7 | Enhancing and shaping the immunogenicity of native-like HIV-1 envelope trimers with a two-component protein nanoparticle. <i>Nature Communications</i> , 2019, 10, 4272. | 5.8 | 149 |
| 8 | Background-dependent effects of polyglutamine variation in the <i>Arabidopsis thaliana</i> gene <i>ELF3</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 19363-19367. | 3.3 | 67 |
| 9 | Structure of a designed tetrahedral protein assembly variant engineered to have improved soluble expression. <i>Protein Science</i> , 2015, 24, 1695-1701. | 3.1 | 30 |
| 10 | The Conserved <i>PFT1</i> Tandem Repeat Is Crucial for Proper Flowering in <i>Arabidopsis thaliana</i> . <i>Genetics</i> , 2014, 198, 747-754. | 1.2 | 19 |
| 11 | Multimerization of an Alcohol Dehydrogenase by Fusion to a Designed Self-Assembling Protein Results in Enhanced Bioelectrocatalytic Operational Stability. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 20022-20028. | 4.0 | 7 |