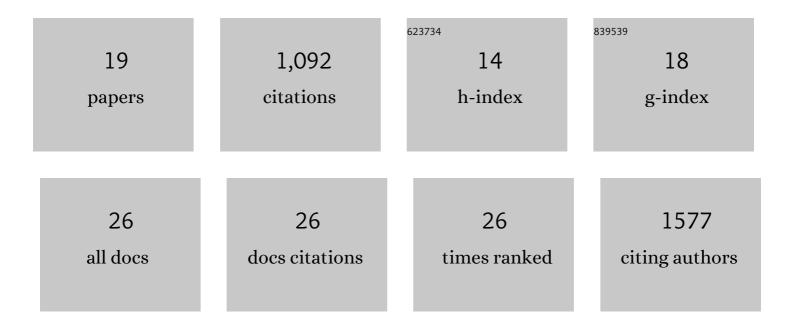
Jirka Peschek

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1513485/publications.pdf Version: 2024-02-01



| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Regulated structural transitions unleash the chaperone activity of αB-crystallin. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E3780-9. | 7.1 | 151 |
| 2 | Multiple molecular architectures of the eye lens chaperone αB-crystallin elucidated by a triple hybrid approach. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 20491-20496. | 7.1 | 143 |
| 3 | Methionine oxidation activates a transcription factor in response to oxidative stress. Proceedings of the United States of America, 2013, 110, 9493-9498. | 7.1 | 138 |
| 4 | The chaperone αB-crystallin uses different interfaces to capture an amorphous and an amyloid client. Nature Structural and Molecular Biology, 2015, 22, 898-905. | 8.2 | 130 |
| 5 | The eye lens chaperone α-crystallin forms defined globular assemblies. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 13272-13277. | 7.1 | 123 |
| 6 | Structure and function of α-crystallins: Traversing from in vitro to in vivo. Biochimica Et Biophysica Acta - General Subjects, 2016, 1860, 149-166. | 2.4 | 82 |
| 7 | High-resolution structures of the IgM Fc domains reveal principles of its hexamer formation. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 10183-10188. | 7.1 | 73 |
| 8 | The structural analysis of shark IgNAR antibodies reveals evolutionary principles of immunoglobulins. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 8155-8160. | 7.1 | 67 |
| 9 | A conformational <scp>RNA</scp> zipper promotes intron ejection during nonâ€conventional <i> <scp>XBP</scp> 1 </i> <scp>mRNA</scp> splicing. EMBO Reports, 2015, 16, 1688-1698. | 4.5 | 40 |
| 10 | Imbalances in the eye lens proteome are linked to cataract formation. Nature Structural and Molecular Biology, 2021, 28, 143-151. | 8.2 | 26 |
| 11 | Role of Cysteines in the Stability and DNA-Binding Activity of the Hypochlorite-Specific Transcription Factor HypT. PLoS ONE, 2013, 8, e75683. | 2.5 | 25 |
| 12 | tRNA ligase structure reveals kinetic competition between non-conventional mRNA splicing and mRNA decay. ELife, 2019, 8, . | 6.0 | 24 |
| 13 | The Regulatory Domain Stabilizes the p53 Tetramer by Intersubunit Contacts with the DNA Binding Domain. Journal of Molecular Biology, 2013, 425, 144-155. | 4.2 | 20 |
| 14 | A Stable Mutant Predisposes Antibody Domains to Amyloid Formation through Specific Non-Native Interactions. Journal of Molecular Biology, 2016, 428, 1315-1332. | 4.2 | 20 |
| 15 | Engineering ER-stress dependent non-conventional mRNA splicing. ELife, 2018, 7, . | 6.0 | 17 |
| 16 | Protomer alignment modulates specificity of RNA substrate recognition by Ire1. ELife, 2021, 10, . | 6.0 | 7 |
| 17 | Eukaryotic tRNA splicing– one goal, two strategies, many players. Biological Chemistry, 2022, 403, 765-778. | 2.5 | 5 |
| 18 | In vitro RNA Cleavage Assays to Characterize IRE1-dependent RNA Decay. Bio-protocol, 2019, 9, e3307. | 0.4 | 1 |

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Regulating ER Protein Folding Homeostasis By Distinctively Processing mRNAs. FASEB Journal, 2018, 32, 653.9. | 0.5 | Ο |