

# Markus Wiederstein

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4669826/publications.pdf>

Version: 2024-02-01

22  
papers

4,926  
citations

516561

16  
h-index

794469

19  
g-index

23  
all docs

23  
docs citations

23  
times ranked

7909  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Bet v 1 from birch pollen is a hypoallergen with vitamin D3 in the pocket. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 3801-3804.   | 2.7 | 8         |
| 2  | Protein Structure Analysis and Prediction with Statistical Scoring Functions. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8665.  | 1.8 | 0         |
| 3  | Friend or Foe: Lipid Droplets as Organelles for Protein and Lipid Storage in Cellular Stress Response, Aging and Disease. <i>Molecules</i> , 2020, 25, 5053.  | 1.7 | 39        |
| 4  | Retinoic acid loading of the major birch pollen allergen Bet v 1 may improve specific allergen immunotherapy: In silico, in vitro and in vivo data in BALB/c mice. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 2073-2077. | 2.7 | 23        |
| 5  | TopMatch-web: pairwise matching of large assemblies of protein and nucleic acid chains in 3D. <i>Nucleic Acids Research</i> , 2020, 48, W31-W35.  | 6.5 | 19        |
| 6  | Synergistic cross-talk of hedgehog and interleukin-6 signaling drives growth of basal cell carcinoma. <i>International Journal of Cancer</i> , 2018, 143, 2943-2954.  | 2.3 | 23        |
| 7  | Nanoparticle-allergen interactions mediate human allergic responses: protein corona characterization and cellular responses. <i>Particle and Fibre Toxicology</i> , 2015, 13, 3.  | 2.8 | 52        |
| 8  | Structure-Based Characterization of Multiprotein Complexes. <i>Structure</i> , 2014, 22, 1063-1070.   | 1.6 | 48        |
| 9  | Comprehensive analysis of alterations in the miRNome in response to photodynamic treatment. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2013, 120, 74-81.  | 1.7 | 25        |
| 10 | Detection of Spatial Correlations in Protein Structures and Molecular Complexes. <i>Structure</i> , 2012, 20, 718-728.  | 1.6 | 65        |
| 11 | Effective Techniques for Protein Structure Mining. <i>Methods in Molecular Biology</i> , 2011, 857, 33-54.  | 0.4 | 3         |
| 12 | COPS--a novel workbench for explorations in fold space. <i>Nucleic Acids Research</i> , 2009, 37, W539-W544.  | 6.5 | 25        |
| 13 | A discrete view on fold space. <i>Bioinformatics</i> , 2008, 24, 870-871.   | 1.8 | 16        |
| 14 | A note on difficult structure alignment problems. <i>Bioinformatics</i> , 2008, 24, 426-427.  | 1.8 | 114       |
| 15 | QSCOP--SCOP quantified by structural relationships. <i>Bioinformatics</i> , 2007, 23, 513-514.  | 1.8 | 18        |
| 16 | ProSA-web: interactive web service for the recognition of errors in three-dimensional structures of proteins. <i>Nucleic Acids Research</i> , 2007, 35, W407-W410.  | 6.5 | 4,244     |
| 17 | Directed in silico Mutagenesis. , 2005, , 153-175.  |     | 1         |
| 18 | Protein Sequence Randomization: Efficient Estimation of Protein Stability Using Knowledge-based Potentials. <i>Journal of Molecular Biology</i> , 2005, 345, 1199-1212.   | 2.0 | 57        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Validation and classification of protein structures. Acta Crystallographica Section A: Foundations and Advances, 2005, 61, c42-c42.            | 0.3 | 0         |
| 20 | Assessment of the CASP4 fold recognition category. Proteins: Structure, Function and Bioinformatics, 2001, 45, 55-67.                          | 1.5 | 61        |
| 21 | Characterization of novel proteins based on known protein structures 1 Edited by R. Huber. Journal of Molecular Biology, 2000, 296, 1139-1152. | 2.0 | 43        |
| 22 | Sustained performance of knowledge-based potentials in fold recognition. Proteins: Structure, Function and Bioinformatics, 1999, 37, 112-120.  | 1.5 | 42        |