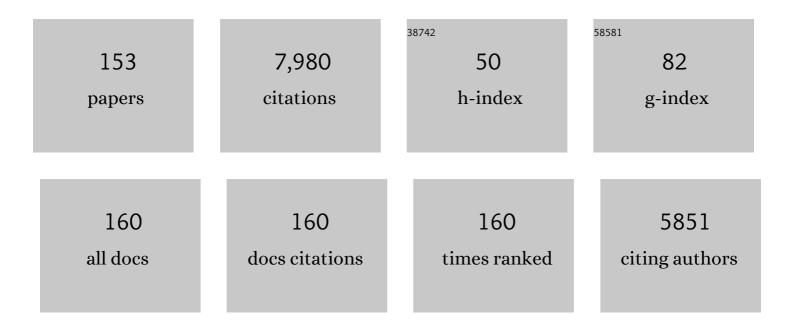
Burkhard Bechinger

List of Publications by Year in descending order

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| 1 | Lipid saturation and head group composition have a pronounced influence on the membrane insertion equilibrium of amphipathic helical polypeptides. Biochimica Et Biophysica Acta - Biomembranes, 2022, 1864, 183844. | 2.6 | 7 |
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| 3 | Effect of lipid saturation on the topology and oligomeric state of helical membrane polypeptides. Biochimica Et Biophysica Acta - Biomembranes, 2022, 1864, 184001. | 2.6 | 4 |
| 4 | Antimicrobial peptides: mechanism of action and lipid-mediated synergistic interactions within membranes. Faraday Discussions, 2021, 232, 419-434. | 3.2 | 13 |
| 5 | Different Biological Activities of Histidine-Rich Peptides Are Favored by Variations in Their Design. Toxins, 2021, 13, 363. | 3.4 | 6 |
| 6 | Membrane Interactions Accelerate the Self-Aggregation of Huntingtin Exon 1 Fragments in a Polyglutamine Length-Dependent Manner. International Journal of Molecular Sciences, 2021, 22, 6725. | 4.1 | 2 |
| 7 | Membrane interactions of Ocellatins. Where do antimicrobial gaps stem from?. Amino Acids, 2021, 53, 1241-1256. | 2.7 | 1 |
| 8 | Investigation of the Action of Peptides on Lipid Membranes. Journal of Physical Chemistry B, 2021, 125, 10213-10223. | 2.6 | 4 |
| 9 | Antimicrobial Peptides: A Potent Alternative to Antibiotics. Antibiotics, 2021, 10, 1095. | 3.7 | 125 |
| 10 | Epimers l- and d-Phenylseptin: How the relative stereochemistry affects the peptide-membrane interactions. Biochimica Et Biophysica Acta - Biomembranes, 2021, 1863, 183708. | 2.6 | 3 |
| 11 | Peptides derived from the C-terminal domain of HIV-1 Viral Protein R in lipid bilayers: Structure, membrane positioning and gene delivery. Biochimica Et Biophysica Acta - Biomembranes, 2020, 1862, 183149. | 2.6 | 14 |
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| 14 | Highly synergistic antimicrobial activity of magainin 2 and PGLa peptides is rooted in the formation of supramolecular complexes with lipids. Scientific Reports, 2020, 10, 11652. | 3.3 | 28 |
| 15 | Copper-binding motifs Xxx-His or Xxx-Zzz-His (ATCUN) linked to an antimicrobial peptide: Cu-binding, antimicrobial activity and ROS production. Journal of Inorganic Biochemistry, 2020, 213, 111255. | 3.5 | 7 |
| 16 | Two distinct amphipathic peptide antibiotics with systemic efficacy. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 19446-19454. | 7.1 | 61 |
| 17 | Revealing the Mechanisms of Synergistic Action of Two Magainin Antimicrobial Peptides. Frontiers in Medical Technology, 2020, 2, 615494. | 2.5 | 25 |
| 18 | Characterization of the DNA and Membrane Interactions of a Bioreducible Cell-Penetrating Foldamer in its Monomeric and Dimeric Form, Journal of Physical Chemistry B, 2020, 124, 4476-4486 | 2.6 | 6 |

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| 57 | Thermodynamic and Biophysical Analysis of the Membrane-Association of a Histidine-Rich Peptide with Efficient Antimicrobial and Transfection Activities. Journal of Physical Chemistry B, 2015, 119, 9678-9687. | 2.6 | 26 |
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| 83 | Structure and Alignment of the Membrane-Associated Antimicrobial Peptide Arenicin by Oriented Solid-State NMR Spectroscopy. Biochemistry, 2011, 50, 3784-3795. | 2.5 | 30 |
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| 88 | Design and Evaluation of Histidine-Rich Amphipathic Peptides for siRNA Delivery. Pharmaceutical Research, 2010, 27, 1426-1436. | 3.5 | 87 |
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