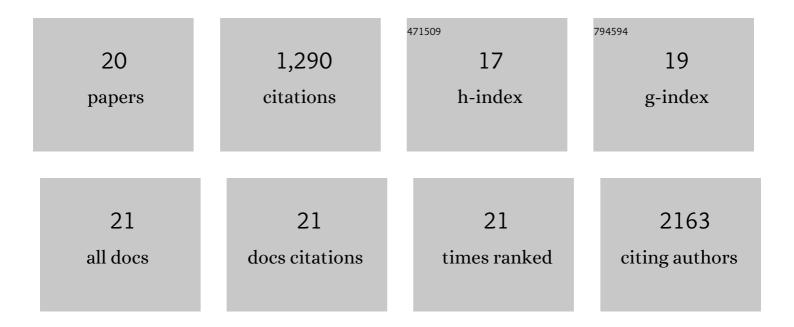
Hong Zhang

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Structural Basis of TLR2/TLR1 Activation by the Synthetic Agonist Diprovocim. Journal of Medicinal Chemistry, 2019, 62, 2938-2949. | 6.4 | 53 |
| 2 | Diprovocims: A New and Exceptionally Potent Class of Toll-like Receptor Agonists. Journal of the American Chemical Society, 2018, 140, 14440-14454. | 13.7 | 35 |
| 3 | Adjuvant effect of the novel TLR1/TLR2 agonist Diprovocim synergizes with anti–PD-L1 to eliminate melanoma in mice. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E8698-E8706. | 7.1 | 77 |
| 4 | Crystal Structure of the CLOCK Transactivation Domain Exon19 in Complex with a Repressor. Structure, 2017, 25, 1187-1194.e3. | 3.3 | 9 |
| 5 | Discovery and Structure–Activity Relationships of the Neoseptins: A New Class of Toll-like Receptor-4 (TLR4) Agonists. Journal of Medicinal Chemistry, 2016, 59, 4812-4830. | 6.4 | 30 |
| 6 | TLR4/MD-2 activation by a synthetic agonist with no similarity to LPS. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E884-93. | 7.1 | 115 |
| 7 | Translin. The Enzymes, 2012, 32, 69-82. | 1.7 | 0 |
| 8 | Crystal Structure of the Heterodimeric CLOCK:BMAL1 Transcriptional Activator Complex. Science, 2012, 337, 189-194. | 12.6 | 270 |
| 9 | Structure of C3PO and mechanism of human RISC activation. Nature Structural and Molecular Biology, 2011, 18, 650-657. | 8.2 | 124 |
| 10 | Expression, Localization, and Biochemical Characterization of Nicotinamide Mononucleotide Adenylyltransferase 2. Journal of Biological Chemistry, 2010, 285, 40387-40396. | 3.4 | 64 |
| 11 | Complexes of Bacterial Nicotinate Mononucleotide Adenylyltransferase with Inhibitors: Implication for Structure-Based Drug Design and Improvement. Journal of Medicinal Chemistry, 2010, 53, 5229-5239. | 6.4 | 27 |
| 12 | Targeting NAD Biosynthesis in Bacterial Pathogens: Structure-Based Development of Inhibitors of Nicotinate Mononucleotide Adenylyltransferase NadD. Chemistry and Biology, 2009, 16, 849-861. | 6.0 | 63 |
| 13 | Structure and Mechanism of a Eukaryotic FMN Adenylyltransferase. Journal of Molecular Biology, 2009, 389, 388-400. | 4.2 | 45 |
| 14 | Bifunctional NMN Adenylyltransferase/ADP-Ribose Pyrophosphatase: Structure and Function in Bacterial NAD Metabolism. Structure, 2008, 16, 196-209. | 3.3 | 30 |
| 15 | Structural Analysis of 1-Aminocyclopropane-1-Carboxylate Deaminase: Observation of an Aminyl Intermediate and Identification of Tyr 294 as the Active-Site Nucleophile. Angewandte Chemie - International Edition, 2004, 43, 3425-3429. | 13.8 | 13 |
| 16 | Structural Analysis ofPseudomonas1-Aminocyclopropane-1-carboxylate Deaminase Complexes:Â Insight into the Mechanism of a Unique Pyridoxal-5â€~-phosphate Dependent Cyclopropane Ring-Opening Reactionâ€,â€j. Biochemistry, 2004, 43, 13328-13339. | 2.5 | 34 |
| 17 | Structural Characterization of a Human Cytosolic NMN/NaMN Adenylyltransferase and Implication in Human NAD Biosynthesis. Journal of Biological Chemistry, 2003, 278, 13503-13511. | 3.4 | 115 |
| 18 | Crystal Structure of Haemophilus influenzae NadR Protein. Journal of Biological Chemistry, 2002, 277, 33291-33299. | 3.4 | 46 |

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Structure of Human Nicotinamide/Nicotinic Acid Mononucleotide Adenylyltransferase. Journal of Biological Chemistry, 2002, 277, 13148-13154. | 3.4 | 73 |
| 20 | Crystal Structures of E. coli Nicotinate Mononucleotide Adenylyltransferase and Its Complex with Deamido-NAD. Structure, 2002, 10, 69-79. | 3.3 | 67 |