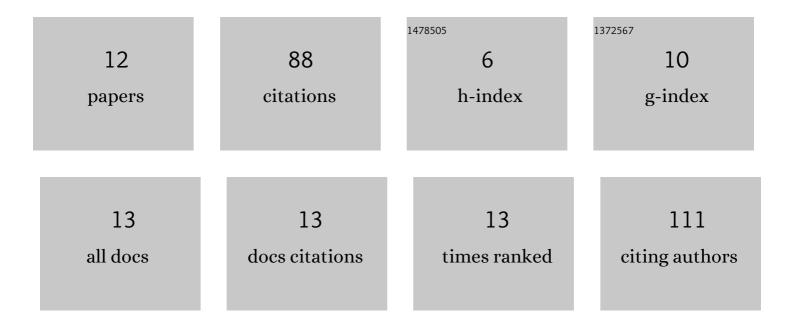


List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Ellman's method-based determination of acibenzolar-S-methyl in tobacco by transesterification with methanol and SABP2-catalyzed hydrolysis. Analytical Sciences, 2022, 38, 749-757. | 1.6 | 1 |
| 2 | One- and Two-Proton Transfer Mechanisms Coexist in One Active Site. Journal of Physical Chemistry B, 2020, 124, 6699-6708. | 2.6 | 6 |
| 3 | Human Acetyl-CoA Carboxylase 1 Is an Isomerase: Carboxyl Transfer Is Activated by Catalytic Effect of Isomerization. Journal of Physical Chemistry B, 2019, 123, 6757-6764. | 2.6 | 2 |
| 4 | The catalytic mechanism of <i>S</i> -acyltransferases: acylation is triggered on by a loose transition state and deacylation is turned off by a tight transition state. Physical Chemistry Chemical Physics, 2019, 21, 12163-12172. | 2.8 | 4 |
| 5 | A mixed vertebrate eggshell assemblage from the Transylvanian Late Cretaceous. Scientific Reports, 2019, 9, 1944. | 3.3 | 8 |
| 6 | Flight, symmetry and barb angle evolution in the feathers of birds and other dinosaurs. Biology Letters, 2019, 15, 20190622. | 2.3 | 3 |
| 7 | QM/MM free energy Simulations of an efficient Gluten Hydrolase (Kuma030) Implicate for a Reactant-State Based Protein-Design Strategy for General Acid/Base Catalysis. Scientific Reports, 2018, 8, 7042. | 3.3 | 17 |
| 8 | The earliest evidence for a supraorbital salt gland in dinosaurs in new Early Cretaceous ornithurines. Scientific Reports, 2018, 8, 3969. | 3.3 | 6 |
| 9 | Understanding the Catalytic Mechanism and the Substrate Specificity of an Engineered Gluten Hydrolase by QM/MM Molecular Dynamics and Free Energy Simulations. Journal of Chemical Information and Modeling, 2017, 57, 1179-1186. | 5.4 | 8 |
| 10 | Improvement of the self-consistent-charge density-functional-tight-binding theory by a modified Mulliken charge. Theoretical Chemistry Accounts, 2017, 136, 1. | 1.4 | 12 |
| 11 | Understanding the Catalytic Mechanism and the Nature of the Transition State of an Attractive Drugâ€Target Enzyme (Shikimate Kinase) by Quantum Mechanical/Molecular Mechanical (QM/MM) Studies. Chemistry - A European Journal, 2017, 23, 16380-16387. | 3.3 | 14 |
| 12 | Primary feather vane asymmetry should not be used to predict the flight capabilities of feathered fossils. Science Bulletin, 2017, 62, 1227-1228. | 9.0 | 7 |