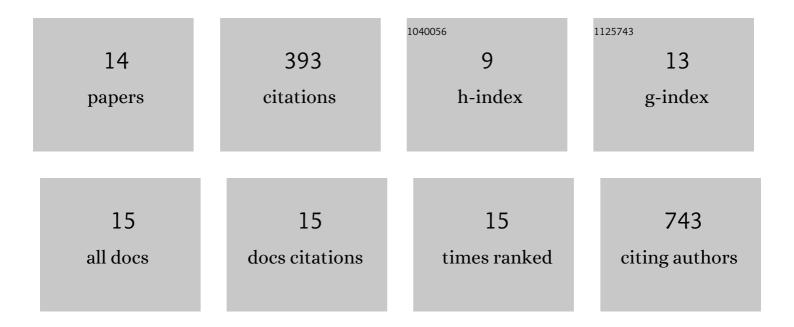


List of Publications by Year in descending order

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Lu Yu

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Mechanistic investigation of B12-independent glycerol dehydratase and its activating enzyme GD-AE. Chemical Communications, 2022, 58, 2738-2741. | 4.1 | 3 |
| 2 | Structural and functional regulations by a disulfide bond designed in myoglobin like human neuroglobin. Chemical Communications, 2022, 58, 5885-5888. | 4.1 | 5 |
| 3 | Dipolar coupling-based electron paramagnetic resonance method for protease enzymatic characterization and inhibitor screening. Chemical Communications, 2021, 57, 9602-9605. | 4.1 | 2 |
| 4 | Architecture of the mycobacterial succinate dehydrogenase with a membrane-embedded Rieske FeS cluster. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, . | 7.1 | 17 |
| 5 | Helicobacter pylori FabX contains a [4Fe-4S] cluster essential for unsaturated fatty acid synthesis. Nature Communications, 2021, 12, 6932. | 12.8 | 6 |
| 6 | Cryo-EM structure of trimeric Mycobacterium smegmatis succinate dehydrogenase with a membrane-anchor SdhF. Nature Communications, 2020, 11, 4245. | 12.8 | 20 |
| 7 | An electron transfer path connects subunits of a mycobacterial respiratory supercomplex. Science, 2018, 362, . | 12.6 | 117 |
| 8 | Characterization of the flavoenzyme XiaK as an N-hydroxylase and implications in indolosesquiterpene diversification. Chemical Science, 2017, 8, 5067-5077. | 7.4 | 35 |
| 9 | lon-redistribution induced efficient upconversion in β-NaYF_4:20%Yb^3+,2%Er^3+ microcrystals with well controlled morphology and size. Optics Express, 2017, 25, 180. | 3.4 | 23 |
| 10 | Structure of an E. coli integral membrane sulfurtransferase and its structural transition upon SCNâ^' binding defined by EPR-based hybrid method. Scientific Reports, 2016, 6, 20025. | 3.3 | 15 |
| 11 | Combined approaches of EPR and NMR illustrate only one transmembrane helix in the human IFITM3. Scientific Reports, 2016, 6, 24029. | 3.3 | 47 |
| 12 | CW-EPR studies revealed different motional properties and oligomeric states of the integrin \hat{l}^2 1a transmembrane domain in detergent micelles or liposomes. Scientific Reports, 2015, 5, 7848. | 3.3 | 26 |
| 13 | Slow magnetic relaxation in mononuclear seven-coordinate cobalt(<scp>ii</scp>) complexes with easy plane anisotropy. Dalton Transactions, 2015, 44, 11482-11490. | 3.3 | 76 |
| 14 | EPR-based <i>in situ</i> enzymatic activity detection of endogenous caspase-3 in apoptosis cell lysates. Chemical Communications, 0, , . | 4.1 | 1 |