

Paul K Fyfe

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

471
citations

840776

11
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

840
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Leishmania Trypanothione Synthetase-Amidase Structure Reveals a Basis for Regulation of Conflicting Synthetic and Hydrolytic Activities. <i>Journal of Biological Chemistry</i> , 2008, 283, 17672-17680. | 3.4 | 86 |
| 2 | Specificity and Mechanism of <i>Acinetobacter baumannii</i> Nicotinamidase: Implications for Activation of the Front-Line Tuberculosis Drug Pyrazinamide. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 9176-9179. | 13.8 | 50 |
| 3 | EssC: domain structures inform on the elusive translocation channel in the Type VII secretion system. <i>Biochemical Journal</i> , 2016, 473, 1941-1952. | 3.7 | 48 |
| 4 | Engineered IL-10 variants elicit potent immunomodulatory effects at low ligand doses. <i>Science Signaling</i> , 2020, 13, . | 3.6 | 47 |
| 5 | <i>Leishmania</i> TDR1 structure, a unique trimeric glutathione transferase capable of deglutathionylation and antimonial prodrug activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 11693-11698. | 7.1 | 41 |
| 6 | Formation of functional, non-amyloidogenic fibres by recombinant <i>Bacillus subtilis</i> TasA. <i>Molecular Microbiology</i> , 2018, 110, 897-913. | 2.5 | 37 |
| 7 | How the structure of the large subunit controls function in an oxygen-tolerant [NiFe]-hydrogenase. <i>Biochemical Journal</i> , 2014, 458, 449-458. | 3.7 | 34 |
| 8 | Kinetics of cytokine receptor trafficking determine signaling and functional selectivity. <i>ELife</i> , 2019, 8, . | 6.0 | 34 |
| 9 | Competitive binding of STATs to receptor phospho-Tyr motifs accounts for altered cytokine responses. <i>ELife</i> , 2021, 10, . | 6.0 | 21 |
| 10 | Structure of <i>Leishmania major</i> cysteine synthase. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2012, 68, 738-743. | 0.7 | 19 |
| 11 | Structure of <i>Staphylococcus aureus</i> adenylosuccinate lyase (PurB) and assessment of its potential as a target for structure-based inhibitor discovery. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2010, 66, 881-888. | 2.5 | 17 |
| 12 | Structure and activity of ChiX: a peptidoglycan hydrolase required for chitinase secretion by <i>Serratia marcescens</i> . <i>Biochemical Journal</i> , 2018, 475, 415-428. | 3.7 | 15 |
| 13 | Structure of <i>Trypanosoma brucei</i> glutathione synthetase: Domain and loop alterations in the catalytic cycle of a highly conserved enzyme. <i>Molecular and Biochemical Parasitology</i> , 2010, 170, 93-99. | 1.1 | 11 |
| 14 | Crystal structure of the C-terminal domain of tubulin-binding cofactor C from <i>Leishmania major</i> . <i>Molecular and Biochemical Parasitology</i> , 2015, 201, 26-30. | 1.1 | 5 |
| 15 | The structure of tubulin-binding cofactor A from <i>Leishmania major</i> infers a mode of association during the early stages of microtubule assembly. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2015, 71, 539-546. | 0.8 | 4 |
| 16 | Cytokine Receptors. , 2021, , . | | 1 |