

Terry K Smith

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8135756/publications.pdf>

Version: 2024-02-01

130
papers

5,165
citations

87888

38
h-index

106344

65
g-index

131
all docs

131
docs citations

131
times ranked

7006
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Lipidomic profiling of plasma free fatty acids in type-1 diabetes highlights specific changes in lipid metabolism. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2021, 1866, 158823. | 2.4 | 17 |
| 2 | Toward Chemical Validation of <i>Leishmania infantum</i> Ribose 5-Phosphate Isomerase as a Drug Target. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0189220. | 3.2 | 4 |
| 3 | Organic Light-Emitting Diodes as an Innovative Approach for Treating Cutaneous Leishmaniasis. <i>Advanced Materials Technologies</i> , 2021, 6, 2100395. | 5.8 | 11 |
| 4 | Turnover of Variant Surface Glycoprotein in <i>Trypanosoma brucei</i> Is a Bimodal Process. <i>MBio</i> , 2021, 12, e0172521. | 4.1 | 10 |
| 5 | Albumin-mediated alteration of plasma zinc speciation by fatty acids modulates blood clotting in type-2 diabetes. <i>Chemical Science</i> , 2021, 12, 4079-4093. | 7.4 | 16 |
| 6 | Antileishmanial Chemotherapy through Clemastine Fumarate Mediated Inhibition of the <i>Leishmania</i> Inositol Phosphorylceramide Synthase. <i>ACS Infectious Diseases</i> , 2021, 7, 47-63. | 3.8 | 15 |
| 7 | Excreted <i>Trypanosoma brucei</i> proteins inhibit <i>Plasmodium</i> hepatic infection. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009912. | 3.0 | 0 |
| 8 | Convenient Synthesis of Alternatively Bridged Tryptophan Ketopiperazines and Their Activities against <i>Trypanosomatid</i> Parasites. <i>ChemMedChem</i> , 2021, , . | 3.2 | 0 |
| 9 | The Importance of 1,5-Oxygen...Chalcogen Interactions in Enantioselective Isochalcogenourea Catalysis. <i>Angewandte Chemie</i> , 2020, 132, 3734-3739. | 2.0 | 41 |
| 10 | The Importance of 1,5-Oxygen...Chalcogen Interactions in Enantioselective Isochalcogenourea Catalysis. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3705-3710. | 13.8 | 115 |
| 11 | Synthesis, study of antileishmanial and antitrypanosomal activity of imidazo pyridine fused triazole analogues. <i>RSC Advances</i> , 2020, 10, 38328-38343. | 3.6 | 17 |
| 12 | Surface coat proteins of the potato cyst nematode, <i>Globodera rostochiensis</i> . <i>Nematology</i> , 2020, 23, 113-123. | 0.6 | 0 |
| 13 | p67: a cryptic lysosomal hydrolase in <i>Trypanosoma brucei</i> ?. <i>Parasitology</i> , 2020, 148, 1-6. | 1.5 | 3 |
| 14 | Brain region-specific lipid alterations in the PLB4 hBACE1 knock-in mouse model of Alzheimer's disease. <i>Lipids in Health and Disease</i> , 2020, 19, 201. | 3.0 | 8 |
| 15 | Structures of three MORN repeat proteins and a re-evaluation of the proposed lipid-binding properties of MORN repeats. <i>PLoS ONE</i> , 2020, 15, e0242677. | 2.5 | 18 |
| 16 | Coumarin-Oxadiazole Derivatives: Synthesis and Pharmacological Properties. <i>Mini-Reviews in Organic Chemistry</i> , 2020, 17, 780-794. | 1.3 | 5 |
| 17 | Halogenated tryptophan derivatives disrupt essential transamination mechanisms in bloodstream form <i>Trypanosoma brucei</i> . <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008928. | 3.0 | 6 |
| 18 | Lipid metabolism in <i>Trypanosoma cruzi</i> : A review. <i>Molecular and Biochemical Parasitology</i> , 2020, 240, 111324. | 1.1 | 18 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Title is missing!. , 2020, 15, e0242677. | | 0 |
| 20 | Title is missing!. , 2020, 15, e0242677. | | 0 |
| 21 | Title is missing!. , 2020, 15, e0242677. | | 0 |
| 22 | Title is missing!. , 2020, 15, e0242677. | | 0 |
| 23 | Title is missing!. , 2020, 15, e0242677. | | 0 |
| 24 | Allosteric activation of an ion channel triggered by modification of mechanosensitive nano-pockets. Nature Communications, 2019, 10, 4619. | 12.8 | 39 |
| 25 | Babesia divergens glycosylphosphatidylinositols modulate blood coagulation and induce Th2-biased cytokine profiles in antigen presenting cells. Biochimie, 2019, 167, 135-144. | 2.6 | 8 |
| 26 | Structure-Based Design, Synthesis and Biological Evaluation of Bis-Tetrahydropyran Furan Acetogenin Mimics Targeting the Trypanosomatid F1 Component of ATP Synthase. European Journal of Organic Chemistry, 2019, 2019, 5434-5440. | 2.4 | 3 |
| 27 | Oligopeptide Signaling through TbGPR89 Drives Trypanosome Quorum Sensing. Cell, 2019, 176, 306-317.e16. | 28.9 | 116 |
| 28 | Biological evaluation and structure activity relationship of 9-methyl-1-phenyl-9H-pyrido[3,4-b]indole derivatives as anti-leishmanial agents. Bioorganic Chemistry, 2019, 84, 98-105. | 4.1 | 26 |
| 29 | Substrate specificity of the neutral sphingomyelinase from <i>Trypanosoma brucei</i> . Parasitology, 2019, 146, 604-616. | 1.5 | 2 |
| 30 | Potential Drug Targets in the Pentose Phosphate Pathway of Trypanosomatids. Current Medicinal Chemistry, 2019, 25, 5239-5265. | 2.4 | 13 |
| 31 | Design, synthesis and biological evaluation of piperazinyl- β -carboline derivatives as anti-leishmanial agents. European Journal of Medicinal Chemistry, 2018, 150, 559-566. | 5.5 | 22 |
| 32 | The hydrophobic region of the <i>Leishmania</i> peroxin 14: requirements for association with a glycosome mimetic membrane. Biochemical Journal, 2018, 475, 511-529. | 3.7 | 4 |
| 33 | Design and Synthesis of Broad Spectrum Trypanosomatid Selective Inhibitors. ACS Infectious Diseases, 2018, 4, 560-567. | 3.8 | 8 |
| 34 | The trypanosome alternative oxidase: a potential drug target?. Parasitology, 2018, 145, 175-183. | 1.5 | 31 |
| 35 | Direct and indirect approaches to identify drug modes of action. IUBMB Life, 2018, 70, 9-22. | 3.4 | 33 |
| 36 | Blocking variant surface glycoprotein synthesis alters endoplasmic reticulum exit sites/Golgi homeostasis in <i>Trypanosoma brucei</i> . Traffic, 2018, 19, 391-405. | 2.7 | 11 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Branched late-steps of the cytosolic iron-sulphur cluster assembly machinery of <i>Trypanosoma brucei</i> . <i>PLoS Pathogens</i> , 2018, 14, e1007326. | 4.7 | 2 |
| 38 | Active Natural Product Scaffolds against Trypanosomatid Parasites: A Review. <i>Journal of Natural Products</i> , 2018, 81, 2138-2154. | 3.0 | 28 |
| 39 | Screening of the MMV and GSK open access chemical boxes using a viability assay developed against the kinetoplastid <i>Crithidia fasciculata</i> . <i>Molecular and Biochemical Parasitology</i> , 2018, 222, 61-69. | 1.1 | 10 |
| 40 | Structure-Based Design of a Eukaryote-Selective Antiprotozoal Fluorinated Aminoglycoside. <i>ChemMedChem</i> , 2018, 13, 1541-1548. | 3.2 | 3 |
| 41 | Inhibitors of <i>Trypanosoma cruzi</i> Sir2 related protein 1 as potential drugs against Chagas disease. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006180. | 3.0 | 10 |
| 42 | The crystal structure of the <i>Leishmania infantum</i> Silent Information Regulator 2 related protein 1: Implications to protein function and drug design. <i>PLoS ONE</i> , 2018, 13, e0193602. | 2.5 | 15 |
| 43 | Simplifying nature: Towards the design of broad spectrum kinetoplastid inhibitors, inspired by acetogenins. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 6126-6136. | 3.0 | 11 |
| 44 | Molecular basis of fatty acid selectivity in the zDHHC family of S-acyltransferases revealed by click chemistry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E1365-E1374. | 7.1 | 114 |
| 45 | In Vitro Assay Development and HTS of Small-Molecule Human ABAD/17 β -HSD10 Inhibitors as Therapeutics in Alzheimer's Disease. <i>SLAS Discovery</i> , 2017, 22, 676-685. | 2.7 | 14 |
| 46 | Synthesis and evaluation of frentizole-based indolyl thiourea analogues as MAO/ABAD inhibitors for Alzheimer's disease treatment. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 1143-1152. | 3.0 | 45 |
| 47 | Tandem affinity purification of exosome and replication factor C complexes from the non-human infectious kinetoplastid parasite <i>Crithidia fasciculata</i> . <i>Molecular and Biochemical Parasitology</i> , 2017, 217, 19-22. | 1.1 | 3 |
| 48 | Phosphatidylserine synthase 2 and phosphatidylserine decarboxylase are essential for aminophospholipid synthesis in <i>Trypanosoma brucei</i> . <i>Molecular Microbiology</i> , 2017, 104, 412-427. | 2.5 | 12 |
| 49 | Role of phosphatidylserine synthase in shaping the phospholipidome of <i>Candida albicans</i> . <i>FEMS Yeast Research</i> , 2017, 17, . | 2.3 | 22 |
| 50 | NADH dehydrogenase of <i>Trypanosoma brucei</i> is important for efficient acetate production in bloodstream forms. <i>Molecular and Biochemical Parasitology</i> , 2017, 211, 57-61. | 1.1 | 15 |
| 51 | Sterol 14 α -demethylase mutation leads to amphotericin B resistance in <i>Leishmania mexicana</i> . <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005649. | 3.0 | 43 |
| 52 | Photo-affinity labelling and biochemical analyses identify the target of trypanocidal simplified natural product analogues. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005886. | 3.0 | 22 |
| 53 | Different Mutations in a P-type ATPase Transporter in <i>Leishmania</i> Parasites are Associated with Cross-resistance to Two Leading Drugs by Distinct Mechanisms. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0005171. | 3.0 | 48 |
| 54 | Vaccinia Virus Immunomodulator A46: A Lipid and Protein-Binding Scaffold for Sequestering Host TIR-Domain Proteins. <i>PLoS Pathogens</i> , 2016, 12, e1006079. | 4.7 | 19 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 55 | Development of Simplified Heterocyclic Acetogenin Analogues as Potent and Selective <i>Trypanosoma brucei</i> Inhibitors. <i>ChemMedChem</i> , 2016, 11, 1503-1506. | 3.2 | 13 |
| 56 | Structure of the Bacterial Sex F Pilus Reveals an Assembly of a Stoichiometric Protein-Phospholipid Complex. <i>Cell</i> , 2016, 166, 1436-1444.e10. | 28.9 | 122 |
| 57 | Structure-Activity Relationships of the Human Immunodeficiency Virus Type 1 Maturation Inhibitor PF-46396. <i>Journal of Virology</i> , 2016, 90, 8181-8197. | 3.4 | 5 |
| 58 | Optical Spectroscopic Analysis for the Discrimination of Extra-Virgin Olive Oil. <i>Applied Spectroscopy</i> , 2016, 70, 1872-1882. | 2.2 | 13 |
| 59 | <i>Trypanosoma brucei</i> Parasites Occupy and Functionally Adapt to the Adipose Tissue in Mice. <i>Cell Host and Microbe</i> , 2016, 19, 837-848. | 11.0 | 288 |
| 60 | Design, synthesis and in vitro evaluation of benzothiazole-based ureas as potential ABAD/17 β -HSD10 modulators for Alzheimer's disease treatment. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 3675-3678. | 2.2 | 29 |
| 61 | Structure and cardioprotective activities of polar lipids of olive pomace, olive pomace-enriched fish feed and olive pomace fed gilthead sea bream (<i>Sparus aurata</i>). <i>Food Research International</i> , 2016, 83, 143-151. | 6.2 | 35 |
| 62 | Lipidomic analysis of fats and oils – a lot more than just omega-3. <i>Lipid Technology</i> , 2015, 27, 7-10. | 0.3 | 1 |
| 63 | The role of lipids in mechanosensation. <i>Nature Structural and Molecular Biology</i> , 2015, 22, 991-998. | 8.2 | 160 |
| 64 | <i>Trypanosoma brucei</i> Bloodstream Forms Depend upon Uptake of myo-Inositol for Golgi Complex Phosphatidylinositol Synthesis and Normal Cell Growth. <i>Eukaryotic Cell</i> , 2015, 14, 616-624. | 3.4 | 18 |
| 65 | TrypanoCyc: a community-led biochemical pathways database for <i>Trypanosoma brucei</i> . <i>Nucleic Acids Research</i> , 2015, 43, D637-D644. | 14.5 | 35 |
| 66 | Pharmacological Stimulation of Edar Signaling in the Adult Enhances Sebaceous Gland Size and Function. <i>Journal of Investigative Dermatology</i> , 2015, 135, 359-368. | 0.7 | 10 |
| 67 | Current and Future Chemotherapy for Chagas Disease. <i>Current Medicinal Chemistry</i> , 2015, 22, 4293-4312. | 2.4 | 45 |
| 68 | Virulent and Avirulent Strains of <i>Toxoplasma gondii</i> Which Differ in Their Glycosylphosphatidylinositol Content Induce Similar Biological Functions in Macrophages. <i>PLoS ONE</i> , 2014, 9, e85386. | 2.5 | 11 |
| 69 | Phosphoinositide Metabolism Links cGMP-Dependent Protein Kinase G to Essential Ca ²⁺ Signals at Key Decision Points in the Life Cycle of Malaria Parasites. <i>PLoS Biology</i> , 2014, 12, e1001806. | 5.6 | 185 |
| 70 | Non-natural Acetogenin Analogues as Potent <i>Trypanosoma brucei</i> Inhibitors. <i>ChemMedChem</i> , 2014, 9, 2548-2556. | 3.2 | 11 |
| 71 | The essential roles of cytidine diphosphate-diacylglycerol synthase in bloodstream form <i>Trypanosoma brucei</i> . <i>Molecular Microbiology</i> , 2014, 92, 453-470. | 2.5 | 20 |
| 72 | Structural elucidation of olive pomace fed sea bass (<i>Dicentrarchus labrax</i>) polar lipids with cardioprotective activities. <i>Food Chemistry</i> , 2014, 145, 1097-1105. | 8.2 | 38 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Establishment of a Structure-Activity Relationship of 1 <i>H</i> -Imidazo[4,5- <i>c</i>]quinoline-Based Kinase Inhibitor NVP-BEZ235 as a Lead for African Sleeping Sickness. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 4834-4848. | 6.4 | 35 |
| 74 | Untargeted metabolomic analysis of miltefosine action in <i>Leishmania infantum</i> reveals changes to the internal lipid metabolism. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2014, 4, 20-27. | 3.4 | 58 |
| 75 | Spermidine Feeding Decreases Age-Related Locomotor Activity Loss and Induces Changes in Lipid Composition. <i>PLoS ONE</i> , 2014, 9, e102435. | 2.5 | 42 |
| 76 | Total Synthesis, Stereochemical Assignment, and Biological Activity of Chamuvarinin and Structural Analogues. <i>Chemistry - A European Journal</i> , 2013, 19, 8309-8320. | 3.3 | 17 |
| 77 | A Class of 5-Nitro-2-furancarboxylamides with Potent Trypanocidal Activity against <i>Trypanosoma brucei</i> in Vitro. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 796-806. | 6.4 | 44 |
| 78 | Regulation of <i>Trypanosoma brucei</i> Total and Polysomal mRNA during Development within Its Mammalian Host. <i>PLoS ONE</i> , 2013, 8, e67069. | 2.5 | 38 |
| 79 | ATG5 Is Essential for ATG8-Dependent Autophagy and Mitochondrial Homeostasis in <i>Leishmania major</i> . <i>PLoS Pathogens</i> , 2012, 8, e1002695. | 4.7 | 81 |
| 80 | Lipid Metabolism as a Therapeutic Target. <i>Biochemistry Research International</i> , 2012, 2012, 1-2. | 3.3 | 3 |
| 81 | Sphingolipid and Ceramide Homeostasis: Potential Therapeutic Targets. <i>Biochemistry Research International</i> , 2012, 2012, 1-12. | 3.3 | 53 |
| 82 | ALDH2 Mediates 5-Nitrofurantoin Activity in Multiple Species. <i>Chemistry and Biology</i> , 2012, 19, 883-892. | 6.0 | 46 |
| 83 | Synthesis and Biological Evaluation of CTP Synthetase Inhibitors as Potential Agents for the Treatment of African Trypanosomiasis. <i>ChemMedChem</i> , 2012, 7, 1623-1634. | 3.2 | 29 |
| 84 | Cardiolipin synthase is required for <i>Streptomyces coelicolor</i> morphogenesis. <i>Molecular Microbiology</i> , 2012, 84, 181-197. | 2.5 | 20 |
| 85 | Functional Analysis of <i>Leishmania</i> Cyclopropane Fatty Acid Synthetase. <i>PLoS ONE</i> , 2012, 7, e51300. | 2.5 | 25 |
| 86 | Synthesis and Stereochemical Assignment of (+)-Chamuvarinin. <i>Organic Letters</i> , 2011, 13, 514-517. | 4.6 | 28 |
| 87 | Symmetrical choline-derived dicationic display strong anti-kinetoplastid activity. <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, 111-125. | 3.0 | 40 |
| 88 | Synthesis and in vitro/in vivo Evaluation of the Antitrypanosomal Activity of 3- <i>B</i> -Bromoacivicin, a Potent CTP Synthetase Inhibitor. <i>ChemMedChem</i> , 2011, 6, 329-333. | 3.2 | 33 |
| 89 | Depletion of Mitochondrial Acyl Carrier Protein in Bloodstream-Form <i>Trypanosoma brucei</i> Causes a Kinetoplast Segregation Defect. <i>Eukaryotic Cell</i> , 2011, 10, 286-292. | 3.4 | 19 |
| 90 | Phospholipases A1. <i>International Journal of Molecular Sciences</i> , 2011, 12, 588-612. | 4.1 | 151 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 91 | Screening the MayBridge Rule of 3 Fragment Library for Compounds That Interact with the <i>Trypanosoma brucei</i> myo- <i>Inositol-3-Phosphate Synthase</i> and/or Show Trypanocidal Activity. <i>Molecular Biology International</i> , 2011, 2011, 1-14. | 1.7 | 12 |
| 92 | Lipidomic analysis of bloodstream and procyclic form <i>Trypanosoma brucei</i> . <i>Parasitology</i> , 2010, 137, 1357-1392. | 1.5 | 73 |
| 93 | Lipid metabolism in <i>Trypanosoma brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 2010, 172, 66-79. | 1.1 | 95 |
| 94 | The Kennedy pathway— <i>De novo</i> synthesis of phosphatidylethanolamine and phosphatidylcholine. <i>IUBMB Life</i> , 2010, 62, 414-428. | 3.4 | 410 |
| 95 | The Kennedy pathway— <i>De novo</i> synthesis of phosphatidylethanolamine and phosphatidylcholine. <i>IUBMB Life</i> , 2010, 62, spc1. | 3.4 | 447 |
| 96 | The essential neutral sphingomyelinase is involved in the trafficking of the variant surface glycoprotein in the bloodstream form of <i>Trypanosoma brucei</i> . <i>Molecular Microbiology</i> , 2010, 76, 1461-1482. | 2.5 | 13 |
| 97 | Structure-Based Design of Pteridine Reductase Inhibitors Targeting African Sleeping Sickness and the Leishmaniasis. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 221-229. | 6.4 | 74 |
| 98 | Rationally designed squaryldiamides—a novel class of sugar-nucleotide mimics?. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 3488. | 2.8 | 25 |
| 99 | The ethanolamine branch of the Kennedy pathway is essential in the bloodstream form of <i>Trypanosoma brucei</i> . <i>Molecular Microbiology</i> , 2009, 73, 826-843. | 2.5 | 57 |
| 100 | First small molecular inhibitors of <i>T. brucei</i> dolicholphosphate mannose synthase (DPMS), a validated drug target in African sleeping sickness. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 1749-1752. | 2.2 | 50 |
| 101 | Blocking Variant Surface Glycoprotein Synthesis in <i>Trypanosoma brucei</i> Triggers a General Arrest in Translation Initiation. <i>PLoS ONE</i> , 2009, 4, e7532. | 2.5 | 40 |
| 102 | Mitochondrial fatty acid synthesis is required for normal mitochondrial morphology and function in <i>Trypanosoma brucei</i> . <i>Molecular Microbiology</i> , 2008, 67, 1125-1142. | 2.5 | 63 |
| 103 | An efficient method to express GPI-anchor proteins in insect cells. <i>Biochemical and Biophysical Research Communications</i> , 2008, 365, 657-663. | 2.1 | 7 |
| 104 | The Role of Inositol Acylation and Inositol Deacylation in the <i>Toxoplasma gondii</i> Glycosylphosphatidylinositol Biosynthetic Pathway. <i>Journal of Biological Chemistry</i> , 2007, 282, 32032-32042. | 3.4 | 18 |
| 105 | Apicoplast Lipoic Acid Protein Ligase B Is Not Essential for <i>Plasmodium falciparum</i> . <i>PLoS Pathogens</i> , 2007, 3, e189. | 4.7 | 58 |
| 106 | Structure and reactivity of LpxD, the N-acyltransferase of lipid A biosynthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 4321-4326. | 7.1 | 70 |
| 107 | The role and characterization of phospholipase A1 in mediating lysophosphatidylcholine synthesis in <i>Trypanosoma brucei</i> . <i>Biochemical Journal</i> , 2007, 405, 319-329. | 3.7 | 19 |
| 108 | Crystal Structures of <i>Trypanosoma brucei</i> and <i>Staphylococcus aureus</i> Mevalonate Diphosphate Decarboxylase Inform on the Determinants of Specificity and Reactivity. <i>Journal of Molecular Biology</i> , 2007, 371, 540-553. | 4.2 | 36 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 109 | A novel phospholipase from <i>Trypanosoma brucei</i> . <i>Molecular Microbiology</i> , 2007, 63, 1078-1095. | 2.5 | 26 |
| 110 | Recombinant Human PPAR- α Ligand-binding Domain is Locked in an Activated Conformation by Endogenous Fatty Acids. <i>Journal of Molecular Biology</i> , 2006, 356, 1005-1013. | 4.2 | 79 |
| 111 | <i>Toxoplasma gondii</i> grown in human cells uses GalNAc-containing glycosylphosphatidylinositol precursors to anchor surface antigens while the immunogenic GlcNAc-containing precursors remain free at the parasite cell surface. <i>International Journal of Biochemistry and Cell Biology</i> , 2006, 38, 1914-1925. | 2.8 | 30 |
| 112 | Reevaluation of the PPAR- α Ligand Binding Domain Model Reveals Why It Exhibits the Activated Form. <i>Molecular Cell</i> , 2006, 21, 1-2. | 9.7 | 53 |
| 113 | The glycosylphosphatidylinositol (GPI) biosynthetic pathway of bloodstream-form <i>Trypanosoma brucei</i> is dependent on the de novo synthesis of inositol. <i>Molecular Microbiology</i> , 2006, 61, 89-105. | 2.5 | 53 |
| 114 | Membrane Topology and Transient Acylation of <i>Toxoplasma gondii</i> Glycosylphosphatidylinositols. <i>Eukaryotic Cell</i> , 2006, 5, 1420-1429. | 3.4 | 10 |
| 115 | Synthesis of a cell-permeable analogue of a glycosylphosphatidylinositol (GPI) intermediate that is toxic to the living bloodstream form of <i>Trypanosoma brucei</i> . <i>Tetrahedron Letters</i> , 2005, 46, 7419-7421. | 1.4 | 7 |
| 116 | Mannosamine can replace glucosamine in glycosylphosphatidylinositols of <i>Plasmodium falciparum</i> in vitro. <i>Molecular and Biochemical Parasitology</i> , 2005, 142, 12-24. | 1.1 | 4 |
| 117 | The N-Acetyl-D-glucosaminylphosphatidylinositol De-N-acetylase of Glycosylphosphatidylinositol Biosynthesis Is a Zinc Metalloenzyme. <i>Journal of Biological Chemistry</i> , 2005, 280, 22831-22838. | 3.4 | 38 |
| 118 | Chemical validation of GPI biosynthesis as a drug target against African sleeping sickness. <i>EMBO Journal</i> , 2004, 23, 4701-4708. | 7.8 | 71 |
| 119 | Inhibitors of glycosyl-phosphatidylinositol anchor biosynthesis. <i>Biochimie</i> , 2003, 85, 465-472. | 2.6 | 42 |
| 120 | Cloning of <i>Trypanosoma brucei</i> and <i>Leishmania major</i> Genes Encoding the GlcNAc-Phosphatidylinositol De-N-acetylase of Glycosylphosphatidylinositol Biosynthesis That Is Essential to the African Sleeping Sickness Parasite. <i>Journal of Biological Chemistry</i> , 2002, 277, 50176-50182. | 3.4 | 68 |
| 121 | Specificities of Enzymes of Glycosylphosphatidylinositol Biosynthesis in <i>Trypanosoma brucei</i> and HeLa Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 37147-37153. | 3.4 | 19 |
| 122 | Further probing of the substrate specificities and inhibition of enzymes involved at an early stage of glycosylphosphatidylinositol (GPI) biosynthesis. <i>Carbohydrate Research</i> , 2002, 337, 2049-2059. | 2.3 | 17 |
| 123 | Synthesis of 3-deoxy-, 4-deoxy- and 6-deoxy- and other analogues of D-glucosaminylphosphatidylinositol. <i>Tetrahedron Letters</i> , 2001, 42, 121-123. | 1.4 | 6 |
| 124 | Differences between the trypanosomal and human GlcNAc-PI de-N-acetylases of glycosylphosphatidylinositol membrane anchor biosynthesis. <i>Glycobiology</i> , 1999, 9, 415-422. | 2.5 | 38 |
| 125 | Segregation of Glycosylphosphatidylinositol Biosynthetic Reactions in a Subcompartment of the Endoplasmic Reticulum. <i>Journal of Biological Chemistry</i> , 1999, 274, 15203-15212. | 3.4 | 61 |
| 126 | Synthesis of some second-generation substrate analogues of early intermediates in the biosynthetic pathway of glycosylphosphatidylinositol membrane anchors. <i>Carbohydrate Research</i> , 1999, 321, 42-51. | 2.3 | 19 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 127 | A synthetic acceptor substrate for Trypanosoma brucei UDP-Gal: GPI anchor side-chain β -galactosyltransferases. Bioorganic and Medicinal Chemistry Letters, 1998, 8, 2051-2054. | 2.2 | 7 |
| 128 | Substrate Specificity of the Dolichol Phosphate Mannose: Glucosaminyl Phosphatidylinositol β 1-4-Mannosyltransferase of the Glycosylphosphatidylinositol Biosynthetic Pathway of African Trypanosomes. Journal of Biological Chemistry, 1996, 271, 6476-6482. | 3.4 | 56 |
| 129 | Active deglycosylated mammalian β -glutamyl transpeptidase. FASEB Journal, 1994, 8, 661-664. | 0.5 | 18 |
| 130 | Active transport of amino acids by gamma-glutamyl transpeptidase through Caco-2 cell monolayers. Biochemical and Biophysical Research Communications, 1991, 178, 1028-1035. | 2.1 | 19 |