# Rachel E Simmonds

List of Publications by Year
in descending order



| 35 | 1,888 | 346980 22 | 466096 32 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 39 | 39 | 39 | 2521 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Aberrant stromal tissue factor localisation and mycolactone-driven vascular dysfunction, exacerbated by IL-1Î², are linked to fibrin formation in Buruli ulcer lesions. PLoS Pathogens, 2022, 18, e1010280. | 2.1 | 5 |
| 2 | Synthesis, Biological Evaluation and Docking Studies of Ring-Opened Analogues of Ipomoeassin F. Molecules, 2022, 27, 4419. | 1.7 | 0 |
| 3 | Inhibition of the SEC61 translocon by mycolactone induces a protective autophagic response controlled by EIF2S1-dependent translation that does not require ULK1 activity. Autophagy, 2021, , 1-19. | 4.3 | 6 |
| 4 | Mycolactone enhances the Ca2+ leak from endoplasmic reticulum by trapping Sec61 translocons in a Ca2+ permeable state. Biochemical Journal, 2021, 478, 4005-4024. | 1.7 | 13 |
| 5 | The One That Got Away: How Macrophage-Derived IL-1Î² Escapes the Mycolactone-Dependent Sec61 Blockade in Buruli Ulcer. Frontiers in Immunology, 2021, 12, 788146. | 2.2 | 6 |
| 6 | Structure of the Inhibited State of the Sec Translocon. Molecular Cell, 2020, 79, 406-415.e7. | 4.5 | 44 |
| 7 | Ipomoeassin F Binds Sec61Î± to Inhibit Protein Translocation. Journal of the American Chemical Society, 2019, 141, 8450-8461. | 6.6 | 58 |
| 8 | Transient up-regulation of miR-155-3p by lipopolysaccharide in primary human monocyte-derived macrophages results in RISC incorporation but does not alter TNF expression. Wellcome Open Research, 2019, 4, 43. | 0.9 | 10 |
| 9 | Transient up-regulation of miR-155-3p by lipopolysaccharide in primary human monocyte-derived macrophages results in RISC incorporation but does not alter TNF expression. Wellcome Open Research, 2019, 4, 43. | 0.9 | 4 |
| 10 | Inhibition of Sec61-dependent translocation by mycolactone uncouples the integrated stress response from ER stress, driving cytotoxicity via translational activation of ATF4. Cell Death and Disease, 2018, 9, 397. | 2.7 | 59 |
| 11 | Buruli Ulcer: a Review of the Current Knowledge. Current Tropical Medicine Reports, 2018, 5, 247-256. | 1.6 | 65 |
| 12 | Buruli Ulcer: Case Study of a Neglected Tropical Disease. Advances in Environmental Microbiology, 2017, , 105-149. | 0.1 | 0 |
| 13 | Mycolactone reveals substrate-driven complexity of Sec61-dependent transmembrane protein biogenesis. Journal of Cell Science, 2017, 130, 1307-1320. | 1.2 | 51 |
| 14 | Mechanistic insights into the inhibition of Sec61-dependent co- and post-translational translocation by mycolactone. Journal of Cell Science, 2016, 129, 1404-15. | 1.2 | 77 |
| 15 | Recent advances: role of mycolactone in the pathogenesis and monitoring ofMycobacterium ulceransinfection/Buruli ulcer disease. Cellular Microbiology, 2016, 18, 17-29. | 1.1 | 74 |
| 16 | Mycolactone-Dependent Depletion of Endothelial Cell Thrombomodulin Is Strongly Associated with Fibrin Deposition in Buruli Ulcer Lesions. PLoS Pathogens, 2015, 11, e1005011. | 2.1 | 38 |
| 17 | The Pathogenic Mechanism of the Mycobacterium ulcerans Virulence Factor, Mycolactone, Depends on Blockade of Protein Translocation into the ER. PLoS Pathogens, 2014, 10, e1004061. | 2.1 | 129 |
| 18 | Pleiotropic molecular effects of theMycobacterium ulceransvirulence factor mycolactone underlying the cell death and immunosuppression seen in Buruli ulcer. Biochemical Society Transactions, 2014, 42, 177-183. | 1.6 | 51 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | TLR Signalling and Adapter Utilization in Primary Human In vitro Differentiated Adipocytes. Scandinavian Journal of Immunology, 2012, 76, 359-370. | 1.3 | 20 |
| 20 | Mycolactone Inhibits Monocyte Cytokine Production by a Posttranscriptional Mechanism. Journal of Immunology, 2009, 182, 2194-2202. | 0.4 | 89 |
| 21 | Signalling, inflammation and arthritis: NF-ÂB and its relevance to arthritis and inflammation. Rheumatology, 2008, 47, 584-590. | 0.9 | 309 |
| 22 | Inhibitors of TLR8 Reduce TNF Production from Human Rheumatoid Synovial Membrane Cultures. Journal of Immunology, 2008, 181, 8002-8009. | 0.4 | 85 |
| 23 | Molecular diversity and thrombotic risk in protein S deficiency: The PROSIT study. Human Mutation, 2005, 25, 259-269. | 1.1 | 48 |
| 24 | Efficient isolation of peptide ligands for the endothelial cell protein C receptor (EPCR) using candidate receptor phage display biopanning. Peptides, 2005, 26, 1264-1269. | 1.2 | 8 |
| 25 | Coagulation, inflammation, and apoptosis: different roles for protein S and the protein Sâ€“C4b binding protein complex. Blood, 2004, 103, 1192-1201. | 0.6 | 185 |
| 26 | Regulation of the human endothelial cell protein C receptor gene promoter by multiple Sp1 binding sites. Blood, 2003, 101, 4393-4401. | 0.6 | 12 |
| 27 | Deletion or replacement of the second EGF-like domain of protein S results in loss of APC cofactor activity. Blood, 2003, 101, 1416-1418. | 0.6 | 26 |
| 28 | In vitro high level protein S expression after modification of protein S cDNA. Thrombosis and Haemostasis, 2003, 90, 1214-5. | 1.8 | 3 |
| 29 | Protein S Gla-domain mutations causing impaired Ca2+-induced phospholipid binding and severe functional protein S deficiency. Blood, 2002, 100, 2812-2819. | 0.6 | 26 |
| 30 | Genetic and Phenotypic Variability between Families with Hereditary Protein S Deficiency. Thrombosis and Haemostasis, 2002, 87, 258-265. | 1.8 | 32 |
| 31 | Haemostatic Genetic Risk Factors in Arterial Thrombosis. Thrombosis and Haemostasis, 2001, 86, 374-385. | 1.8 | 51 |
| 32 | Structural and Functional Implications of the Intron/Exon Organization of the Human Endothelial Cell Protein C/Activated Protein C Receptor (EPCR) Gene: Comparison With the Structure of CD1/Major Histocompatibility Complex îœ€1 and îœ€2 Domains. Blood, 1999, 94, 632-641. | 0.6 | 114 |
| 33 | Structural and Functional Implications of the Intron/Exon Organization of the Human Endothelial Cell Protein C/Activated Protein C Receptor (EPCR) Gene: Comparison With the Structure of CD1/Major Histocompatibility Complex îœ€1 and îœ€2 Domains. Blood, 1999, 94, 632-641. | 0.6 | 0 |
| 34 | Clarification of the Risk for Venous Thrombosis Associated with Hereditary Protein S Deficiency by Investigation of a Large Kindred with a Characterized Gene Defect. Annals of Internal Medicine, 1998, 128, 8. | 2.0 | 91 |
| 35 | Genetic and Phenotypic Analysis of a Large (122-Member) Protein Sâ€“Deficient Kindred Provides an Explanation for the Familial Coexistence of Type I and Type III Plasma Phenotypes. Blood, 1997, 89, 4364-4370. | 0.6 | 98 |