

Jamie I Fletcher

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

7,863
citations

201674

27
h-index

161849

54
g-index

56
all docs

56
docs citations

56
times ranked

10247
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Differential Targeting of Prosurvival Bcl-2 Proteins by Their BH3-Only Ligands Allows Complementary Apoptotic Function. <i>Molecular Cell</i> , 2005, 17, 393-403. | 9.7 | 1,639 |
| 2 | Proapoptotic Bak is sequestered by Mcl-1 and Bcl-xL, but not Bcl-2, until displaced by BH3-only proteins. <i>Genes and Development</i> , 2005, 19, 1294-1305. | 5.9 | 1,071 |
| 3 | Apoptosis Initiated When BH3 Ligands Engage Multiple Bcl-2 Homologs, Not Bax or Bak. <i>Science</i> , 2007, 315, 856-859. | 12.6 | 1,021 |
| 4 | ABC transporters in cancer: more than just drug efflux pumps. <i>Nature Reviews Cancer</i> , 2010, 10, 147-156. | 28.4 | 920 |
| 5 | Programmed Anuclear Cell Death Delimits Platelet Life Span. <i>Cell</i> , 2007, 128, 1173-1186. | 28.9 | 910 |
| 6 | ABC transporters as mediators of drug resistance and contributors to cancer cell biology. <i>Drug Resistance Updates</i> , 2016, 26, 1-9. | 14.4 | 316 |
| 7 | The structure of a novel insecticidal neurotoxin, Î±-atratoxin-Hv1, from the venom of an Australian funnel web spider. <i>Nature Structural Biology</i> , 1997, 4, 559-566. | 9.7 | 172 |
| 8 | Apoptosis is triggered when prosurvival Bcl-2 proteins cannot restrain Bax. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 18081-18087. | 7.1 | 162 |
| 9 | Calcium-dependent Plasma Membrane Binding and Cell Lysis by Perforin Are Mediated through Its C2 Domain. <i>Journal of Biological Chemistry</i> , 2005, 280, 8426-8434. | 3.4 | 131 |
| 10 | The structure of versutoxin (Î±-atratoxin-Hv1) provides insights into the binding of site 3 neurotoxins to the voltage-gated sodium channel. <i>Structure</i> , 1997, 5, 1525-1535. | 3.3 | 115 |
| 11 | ABCC Multidrug Transporters in Childhood Neuroblastoma: Clinical and Biological Effects Independent of Cytotoxic Drug Efflux. <i>Journal of the National Cancer Institute</i> , 2011, 103, 1236-1251. | 6.3 | 113 |
| 12 | Structural Basis for Apoptosis Inhibition by Epstein-Barr Virus BHRF1. <i>PLoS Pathogens</i> , 2010, 6, e1001236. | 4.7 | 99 |
| 13 | Inhibition of polyamine synthesis and uptake reduces tumor progression and prolongs survival in mouse models of neuroblastoma. <i>Science Translational Medicine</i> , 2019, 11, . | 12.4 | 99 |
| 14 | The long noncoding RNA MALAT1 promotes tumor-driven angiogenesis by up-regulating pro-angiogenic gene expression. <i>Oncotarget</i> , 2016, 7, 8663-8675. | 1.8 | 97 |
| 15 | A Myc Activity Signature Predicts Poor Clinical Outcomes in Myc-Associated Cancers. <i>Cancer Research</i> , 2017, 77, 971-981. | 0.9 | 90 |
| 16 | Structure-function studies of omega-atracotoxin, a potent antagonist of insect voltage-gated calcium channels. <i>FEBS Journal</i> , 1999, 264, 488-494. | 0.2 | 79 |
| 17 | Too many targets, not enough patients: rethinking neuroblastoma clinical trials. <i>Nature Reviews Cancer</i> , 2018, 18, 389-400. | 28.4 | 67 |
| 18 | Functional Significance of the Î² ² -Hairpin in the Insecticidal Neurotoxin Î±-Atracotoxin-Hv1a. <i>Journal of Biological Chemistry</i> , 2001, 276, 26568-26576. | 3.4 | 66 |

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|----|--|------|-----------|
| 19 | Controlling the cell death mediators Bax and Bak: puzzles and conundrums. <i>Cell Cycle</i> , 2008, 7, 39-44. | 2.6 | 58 |
| 20 | Solution structure of a defensin-like peptide from platypus venom. <i>Biochemical Journal</i> , 1999, 341, 785-794. | 3.7 | 57 |
| 21 | High-throughput screening identifies Ceefourin 1 and Ceefourin 2 as highly selective inhibitors of multidrug resistance protein 4 (MRP4). <i>Biochemical Pharmacology</i> , 2014, 91, 97-108. | 4.4 | 53 |
| 22 | <i>MYC</i> -Driven Neuroblastomas Are Addicted to a Telomerase-Independent Function of Dyskerin. <i>Cancer Research</i> , 2016, 76, 3604-3617. | 0.9 | 38 |
| 23 | Targeting multidrug resistance-associated protein 1 (MRP1)-expressing cancers: Beyond pharmacological inhibition. <i>Drug Resistance Updates</i> , 2021, 59, 100795. | 14.4 | 38 |
| 24 | The Structure of Ap4A Hydrolase Complexed with ATP-MgFx Reveals the Basis of Substrate Binding. <i>Structure</i> , 2002, 10, 205-213. | 3.3 | 30 |
| 25 | High-resolution solution structure of gurmarin, a sweet-taste-suppressing plant polypeptide. <i>FEBS Journal</i> , 1999, 264, 525-533. | 0.2 | 29 |
| 26 | MRP1 modulators synergize with buthionine sulfoximine to exploit collateral sensitivity and selectively kill MRP1-expressing cancer cells. <i>Biochemical Pharmacology</i> , 2019, 168, 237-248. | 4.4 | 29 |
| 27 | Accelerating development of high-risk neuroblastoma patient-derived xenograft models for preclinical testing and personalised therapy. <i>British Journal of Cancer</i> , 2020, 122, 680-691. | 6.4 | 28 |
| 28 | Combination therapy with the CDK7 inhibitor and the tyrosine kinase inhibitor exerts synergistic anticancer effects against <i>MYCN</i> -amplified neuroblastoma. <i>International Journal of Cancer</i> , 2020, 147, 1928-1938. | 5.1 | 28 |
| 29 | Identification of new MRP4 inhibitors from a library of FDA approved drugs using a high-throughput bioluminescence screen. <i>Biochemical Pharmacology</i> , 2015, 93, 380-388. | 4.4 | 27 |
| 30 | Suppression of the ATP-binding cassette transporter ABCC4 impairs neuroblastoma tumour growth and sensitises to irinotecan <i>in vivo</i> . <i>European Journal of Cancer</i> , 2017, 83, 132-141. | 2.8 | 24 |
| 31 | Drugging <i>MYCN</i> Oncogenic Signaling through the <i>MYCN</i> -PA2G4 Binding Interface. <i>Cancer Research</i> , 2019, 79, 5652-5667. | 0.9 | 24 |
| 32 | Glutathione biosynthesis is upregulated at the initiation of <i>MYCN</i> -driven neuroblastoma tumorigenesis. <i>Molecular Oncology</i> , 2016, 10, 866-878. | 4.6 | 23 |
| 33 | Targeting metabolic activity in high-risk neuroblastoma through Monocarboxylate Transporter 1 (MCT1) inhibition. <i>Oncogene</i> , 2020, 39, 3555-3570. | 5.9 | 23 |
| 34 | Targeted Therapy of <i>TERT</i> -Rearranged Neuroblastoma with BET Bromodomain Inhibitor and Proteasome Inhibitor Combination Therapy. <i>Clinical Cancer Research</i> , 2021, 27, 1438-1451. | 7.0 | 20 |
| 35 | The $\hat{\pm}$ M1 segment of the nicotinic acetylcholine receptor exhibits conformational flexibility in a membrane environment. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2004, 1665, 40-47. | 2.6 | 19 |
| 36 | CD30 and ALK combination therapy has high therapeutic potency in <i>RANBP2</i> -ALK-rearranged epithelioid inflammatory myofibroblastic sarcoma. <i>British Journal of Cancer</i> , 2020, 123, 1101-1113. | 6.4 | 17 |

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|----|---|-----|-----------|
| 37 | Mouse models of high-risk neuroblastoma. <i>Cancer and Metastasis Reviews</i> , 2020, 39, 261-274. | 5.9 | 17 |
| 38 | Suppression of ABCE1-Mediated mRNA Translation Limits N-MYC-Driven Cancer Progression. <i>Cancer Research</i> , 2020, 80, 3706-3718. | 0.9 | 15 |
| 39 | Dual Targeting of Chromatin Stability By The Curaxin CBL0137 and Histone Deacetylase Inhibitor Panobinostat Shows Significant Preclinical Efficacy in Neuroblastoma. <i>Clinical Cancer Research</i> , 2021, 27, 4338-4352. | 7.0 | 14 |
| 40 | MYCN amplification confers enhanced folate dependence and methotrexate sensitivity in neuroblastoma. <i>Oncotarget</i> , 2015, 6, 15510-15523. | 1.8 | 13 |
| 41 | In vitro and in vivo drug screens of tumor cells identify novel therapies for high-risk child cancer. <i>EMBO Molecular Medicine</i> , 2022, 14, e14608. | 6.9 | 12 |
| 42 | N-Myc Regulates Expression of the Detoxifying Enzyme Glutathione Transferase GSTP1, a Marker of Poor Outcome in Neuroblastoma. <i>Cancer Research</i> , 2012, 72, 845-853. | 0.9 | 11 |
| 43 | Discovery of Inhibitors of Lupin Diadenosine 5',5'-bisphosphate-Tetraphosphate Hydrolase by Virtual Screening. <i>Biochemistry</i> , 2009, 48, 7614-7620. | 2.5 | 7 |
| 44 | Whole-genome sequencing facilitates patient-specific quantitative PCR-based minimal residual disease monitoring in acute lymphoblastic leukaemia, neuroblastoma and Ewing sarcoma. <i>British Journal of Cancer</i> , 2022, 126, 482-491. | 6.4 | 7 |
| 45 | 'We Have All This Knowledge to Give, So Use Us as a Resource' Partnering with Adolescent and Young Adult Cancer Survivors to Determine Consumer-Led Research Priorities. <i>Journal of Adolescent and Young Adult Oncology</i> , 2022, 11, 211-222. | 1.3 | 6 |
| 46 | GSH facilitates the binding and inhibitory activity of novel multidrug resistance protein 1 (MRP1) modulators. <i>FEBS Journal</i> , 2022, 289, 3854-3875. | 4.7 | 6 |
| 47 | Targeting Functional Activity of AKT Has Efficacy against Aggressive Neuroblastoma. <i>ACS Pharmacology and Translational Science</i> , 2020, 3, 148-160. | 4.9 | 5 |
| 48 | Methodological advances in the discovery of novel neuroblastoma therapeutics. <i>Expert Opinion on Drug Discovery</i> , 2021, , 1-13. | 5.0 | 5 |
| 49 | miR-99b-5p, miR-380-3p, and miR-485-3p are novel chemosensitizing miRNAs in high-risk neuroblastoma. <i>Molecular Therapy</i> , 2022, 30, 1119-1134. | 8.2 | 5 |
| 50 | The Australian and New Zealand Children's Haematology/Oncology Group Biobanking Network. <i>Biopreservation and Biobanking</i> , 2019, 17, 95-97. | 1.0 | 2 |
| 51 | CCI52 sensitizes tumors to 6-mercaptopurine and inhibits MYCN-amplified tumor growth. <i>Biochemical Pharmacology</i> , 2020, 172, 113770. | 4.4 | 2 |
| 52 | Preclinical small molecule WEHI-7326 overcomes drug resistance and elicits response in patient-derived xenograft models of human treatment-refractory tumors. <i>Cell Death and Disease</i> , 2021, 12, 268. | 6.3 | 2 |
| 53 | Targeting Multidrug Resistance in Neuroblastoma. <i>Pediatric Cancer</i> , 2012, , 115-123. | 0.0 | 1 |
| 54 | A Primer for Assessing the Pathology in Mouse Models of Neuroblastoma. <i>Current Protocols</i> , 2021, 1, e310. | 2.9 | 1 |

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|----|--|-----|-----------|
| 55 | Spider toxins: A new group of potassium channel modulators. <i>Journal of Computer - Aided Molecular Design</i> , 1999, 15/16, 61-69. | 1.0 | 0 |
| 56 | Letter to the Editor: ¹ H, ¹³ C, and ¹⁵ N resonance assignments of the 17 kDa Ap4A hydrolase from <i>Homo sapiens</i> in the presence and absence of ATP. <i>Journal of Biomolecular NMR</i> , 2005, 31, 181-182. | 2.8 | 0 |