# David Af Gillespie

List of Publications by Year
in descending order



| 84 | 5,908 | 145106 33 | 84171 75 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 85 | 85 | 85 | 10312 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Changing sexual behaviours amongst MSM during the COVID-19 restrictions in Wales: a mixed methods study. BMC Public Health, 2022, 22, 396. | 1.2 | 5 |
| 2 | When more is less: heritable gainâ€ofâ€function chk1 mutations impair human fertility. FEBS Journal, 2022, , . | 2.2 | 3 |
| 3 | Experiences of men who have sex with men when initiating, implementing and persisting with HIV preâ€exposure prophylaxis. Health Expectations, 2022, 25, 1332-1341. | 1.1 | 5 |
| 4 | Early impact of COVID-19 social distancing measures on reported sexual behaviour of HIV pre-exposure prophylaxis users in Wales. Sexually Transmitted Infections, 2021, 97, 85-87. | 0.8 | 23 |
| 5 | The Nucleocapsid protein triggers the main humoral immune response in COVID-19 patients. Biochemical and Biophysical Research Communications, 2021, 543, 45-49. | 1.0 | 68 |
| 6 | Associations with antibiotic prescribing for acute exacerbation of COPD in primary care: secondary analysis of a randomised controlled trial. British Journal of General Practice, 2021, 71, e266-e272. | 0.7 | 6 |
| 7 | Delayed antibiotic prescribing for respiratory tract infections: individual patient data meta-analysis. BMJ, The, 2021, 373, n808. | 3.0 | 42 |
| 8 | DNA damage response proteins in canine cancer as potential research targets in comparative oncology. Veterinary and Comparative Oncology, 2021, , . | 0.8 | 6 |
| 9 | C-reactive protein-guided antibiotic prescribing for COPD exacerbations: a qualitative evaluation. British Journal of General Practice, 2020, 70, e505-e513. | 0.7 | 5 |
| 10 | Claspin â€“ checkpoint adaptor and <scp>DNA</scp> replication factor. FEBS Journal, 2019, 286, 441-455. | 2.2 | 65 |
| 11 | AKT overactivation can suppress DNA repair via p70S6 kinase-dependent downregulation of MRE11. Oncogene, 2018, 37, 427-438. | 2.6 | 34 |
| 12 | Chk1 KA1 domain auto-phosphorylation stimulates biological activity and is linked to rapid proteasomal degradation. Scientific Reports, 2018, 8, 17536. | 1.6 | 6 |
| 13 | Targeting CHK1 for Cancer Therapy: Rationale, Progress and Prospects. Cancer Drug Discovery and Development, 2018, , 209-240. | 0.2 | 0 |
| 14 | PERK inhibits DNA replication during the Unfolded Protein Response via Claspin and Chk1. Oncogene, 2017, 36, 678-686. | 2.6 | 40 |
| 15 | Autophagy is critically required for DNA repair by homologous recombination. Molecular and Cellular Oncology, 2016, 3, e1030538. | 0.3 | 14 |
| 16 | KA1-targeted regulatory domain mutations activate Chk1 in the absence of DNA damage. Scientific Reports, 2015, 5, 10856. | 1.6 | 11 |
| 17 | Loss of autophagy causes a synthetic lethal deficiency in DNA repair. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 773-778. | 3.3 | 127 |
| 18 | DNA damage control: regulation and functions of checkpoint kinase 1. FEBS Journal, 2015, 282, 3681-3692. | 2.2 | 84 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Antibiotic prescribing and associated diarrhoea: a prospective cohort study of care home residents. Age and Ageing, 2015, 44, 853-860. | 0.7 | 32 |
| 20 | PARP inhibitor olaparib increases the oncolytic activity of dl922â€947 in inÂvitro and inÂvivo model of anaplastic thyroid carcinoma. Molecular Oncology, 2015, 9, 78-92. | 2.1 | 32 |
| 21 | Electronic Monitoring of Medication Adherence in a 1-year Clinical Study of 2 Dosing Regimens of Mesalazine for Adults in Remission with Ulcerative Colitis. Inflammatory Bowel Diseases, 2014, 20, 82-91. | 0.9 | 18 |
| 22 | Cancer therapy. Cell Cycle, 2014, 13, 2330-2333. | 1.3 | 15 |
| 23 | Fascin 1 is transiently expressed in mouse melanoblasts during development and promotes migration and proliferation. Development (Cambridge), 2013, 140, 2203-2211. | 1.2 | 45 |
| 24 | Chk1 is essential for the development of murine epidermal melanocytes. Pigment Cell and Melanoma Research, 2013, 26, 580-585. | 1.5 | 8 |
| 25 | Ionizing radiation enhances dl922â€“947-mediated cell death of anaplastic thyroid carcinoma cells. Endocrine-Related Cancer, 2013, 20, 633-647. | 1.6 | 20 |
| 26 | Fascin 1 is transiently expressed in mouse melanoblasts during development and promotes migration and proliferation. Journal of Cell Science, 2013, 126, e1-e1. | 1.2 | 0 |
| 27 | Short-circuiting the cell cycle for cancer therapy. Cell Cycle, 2012, 11, 2777-2777. | 1.3 | 0 |
| 28 | Chk1 is essential for chemical carcinogen-induced mouse skin tumorigenesis. Oncogene, 2012, 31, 1366-1375. | 2.6 | 39 |
| 29 | Cdk-mediated phosphorylation of Chk1 is required for efficient activation and full checkpoint proficiency in response to DNA damage. Oncogene, 2012, 31, 1086-1094. | 2.6 | 30 |
| 30 | Akt: A Double-Edged Sword in Cell Proliferation and Genome Stability. Journal of Oncology, 2012, 2012, 1-15. | 0.6 | 224 |
| 31 | ATRâ€“Chk1 signaling pathway and homologous recombinational repair protect cells from 5-fluorouracil cytotoxicity. DNA Repair, 2012, 11, 247-258. | 1.3 | 21 |
| 32 | Cdk phosphorylation of Chk1 regulates efficient Chk1 activation and multiple checkpoint proficiency. Biochemical and Biophysical Research Communications, 2011, 413, 465-470. | 1.0 | 7 |
| 33 | Phosphorylation at serine 331 is required for Aurora B activation. Journal of Cell Biology, 2011, 195, 449-466. | 2.3 | 75 |
| 34 | Vertebrate cells genetically deficient for Cdc14A or Cdc14B retain DNA damage checkpoint proficiency but are impaired in DNA repair. Journal of Cell Biology, 2010, 189, 631-639. | 2.3 | 99 |
| 35 | Akt/PKB suppresses DNA damage processing and checkpoint activation in late G2. Journal of Cell Biology, 2010, 190, 297-305. | 2.3 | 66 |
| 36 | The ATMâ€“Chk2 and ATRâ€“Chk1 Pathways in DNA Damage Signaling and Cancer. Advances in Cancer Research, 2010, 108, 73-112. | 1.9 | 980 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Chk1 C-terminal regulatory phosphorylation mediates checkpoint activation by de-repression of Chk1 catalytic activity. Oncogene, 2009, 28, 2314-2323. | 2.6 | 68 |
| 38 | Mutant p53 Drives Invasion by Promoting Integrin Recycling. Cell, 2009, 139, 1327-1341. | 13.5 | 694 |
| 39 | Chk2 is required for optimal mitotic delay in response to irradiation-induced DNA damage incurred in G2 phase. Oncogene, 2008, 27, 896-906. | 2.6 | 49 |
| 40 | Claspin is phosphorylated in the Chk1-binding domain by a kinase distinct from Chk1. Biochemical and Biophysical Research Communications, 2008, 369, 973-976. | 1.0 | 11 |
| 41 | A Conserved Proliferating Cell Nuclear Antigen-interacting Protein Sequence in Chk1 Is Required for Checkpoint Function. Journal of Biological Chemistry, 2008, 283, 17250-17259. | 1.6 | 27 |
| 42 | c-Jun Supports Ribosomal RNA Processing and Nucleolar Localization of RNA Helicase DDX21. Journal of Biological Chemistry, 2008, 283, 7046-7053. | 1.6 | 46 |
| 43 | DNA Mismatch Repair and Chk1-Dependent Centrosome Amplification in Response to DNA Alkylation Damage. Cell Cycle, 2007, 6, 982-992. | 1.3 | 21 |
| 44 | Chk1 is required for G2/M Checkpoint Response Induced by the Catalytic Topoisomerase II Inhibitor ICRF-193. Cell Cycle, 2007, 6, 1265-1267. | 1.3 | 30 |
| 45 | Exercising Restraints: Role of Chk1 in Regulating the Onset and Progression of Unperturbed Mitosis in Vertebrate Cells. Cell Cycle, 2007, 6, 810-813. | 1.3 | 24 |
| 46 | Cells Deficient in the FANC/BRCA Pathway Are Hypersensitive to Plasma Levels of Formaldehyde. Cancer Research, 2007, 67, 11117-11122. | 0.4 | 154 |
| 47 | Chk1 Is Required for Spindle Checkpoint Function. Developmental Cell, 2007, 12, 247-260. | 3.1 | 227 |
| 48 | Phosphorylation of HuR by Chk2 Regulates SIRT1 Expression. Molecular Cell, 2007, 25, 543-557. | 4.5 | 491 |
| 49 | Chk1 regulates the density of active replication origins during the vertebrate S phase. EMBO Journal, 2007, 26, 2719-2731. | 3.5 | 229 |
| 50 | DNA damage induces Chk1â€dependent centrosome amplification. EMBO Reports, 2007, 8, 603-609. | 2.0 | 108 |
| 51 | Chk1-dependent slowing of S-phase progression protects DT40 B-lymphoma cells against killing by the nucleoside analogue 5-fluorouracil. Oncogene, 2006, 25, 5359-5369. | 2.6 | 45 |
| 52 | Chk1 Requirement for High Global Rates of Replication Fork Progression during Normal Vertebrate S Phase. Molecular and Cellular Biology, 2006, 26, 3319-3326. | 1.1 | 166 |
| 53 | Chk1-Dependent S-M Checkpoint Delay in Vertebrate Cells Is Linked to Maintenance of Viable Replication Structures. Molecular and Cellular Biology, 2005, 25, 563-574. | 1.1 | 89 |
| 54 | Viral mutations enhance the Max binding properties of the vMyc b-HLH-LZ domain. Nucleic Acids Research, 2005, 33, 5235-5242. | 6.5 | 2 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Invasion of Normal Human Fibroblasts Induced by v-FosIs Independent of Proliferation, Immortalization, and theTumor Suppressors p16 INK4a andp53. Molecular and Cellular Biology, 2004, 24, 1540-1559. | 1.1 | 33 |
| 56 | c-Jun-Deficient Cells Undergo Premature Senescence as a Result of Spontaneous DNA Damage Accumulation. Molecular and Cellular Biology, 2004, 24, 9006-9018. | 1.1 | 57 |
| 57 | Microarray analysis identifies Autotaxin, a tumour cell motility and angiogenic factor with lysophospholipase D activity, as a specific target of cell transformation by v-Jun. Oncogene, 2004, 23, 2357-2366. | 2.6 | 64 |
| 58 | Sab (SH3BP5), a novel mitochondria-localized JNK-interacting protein. Biochemical Society Transactions, 2004, 32, 1075-1077. | 1.6 | 32 |
| 59 | Chk1-deficient tumour cells are viable but exhibit multiple checkpoint and survival defects. EMBO Journal, 2003, 22, 713-723. | 3.5 | 213 |
| 60 | Estrogen receptor activation function 2 (AF-2) is essential for hormone-dependent transactivation and cell transformation induced by a v-Jun DNA binding domain-estrogen receptor chimera. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2003, 1628, 147-155. | 2.4 | 4 |
| 61 | Interactions of the DNA mismatch repair proteins MLH1 and MSH2 with c-MYC and MAX. Oncogene, 2003, 22, 819-825. | 2.6 | 31 |
| 62 | v-Jun stimulates both cdk2 kinase activity and G1/S progression via transcriptional repression of p21 CIP1. Oncogene, 2003, 22, 2383-2395. | 2.6 | 11 |
| 63 | The Secret Life of Histones. Cell, 2003, 114, 655-656. | 13.5 | 14 |
| 64 | Lethal Errors in Checkpoint Control: Life without Chk1. Cell Cycle, 2003, 2, 14-16. | 1.3 | 8 |
| 65 | A new c-Jun N-terminal kinase (JNK)-interacting protein, Sab (SH3BP5), associates with mitochondria. Biochemical Journal, 2002, 367, 577-585. | 1.7 | 87 |
| 66 | Molecular mechanism and biological functions of c-Jun N-terminal kinase signalling via the c-Jun transcription factor. Cellular Signalling, 2002, 14, 585-593. | 1.7 | 180 |
| 67 | Cell transformation by v-Jun deactivates ERK MAP kinase signalling. Oncogene, 2002, 21, 6540-6548. | 2.6 | 16 |
| 68 | High levels of phosphorylated c-Jun, Fra-1, Fra-2 and ATF-2 proteins correlate with malignant phenotypes in the multistage mouse skin carcinogenesis model. Oncogene, 2000, 19, 4011-4021. | 2.6 | 86 |
| 69 | v-Jun sensitizes cells to apoptosis by a mechanism involving mitochondrial cytochrome C release. Oncogene, 2000, 19, 5906-5918. | 2.6 | 8 |
| 70 | Transient deactivation of ERK signalling is sufficient for stable entry into G0 in primary avian fibroblasts. Current Biology, 2000, 10, 1119-1122. | 1.8 | 25 |
| 71 | v-Jun Overrides the Mitogen Dependence of S-Phase Entry by Deregulating Retinoblastoma Protein Phosphorylation and E2F-Pocket Protein Interactions as a Consequence of Enhanced Cyclin E-cdk2 Catalytic Activity. Molecular and Cellular Biology, 2000, 20, 2529-2542. | 1.1 | 26 |
| 72 | Inhibition of Adipocyte Differentiation by cMyc Is Not Accompanied by Alterations in Cell Cycle Control. Biochemical and Biophysical Research Communications, 2000, 269, 438-443. | 1.0 | 6 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | Inhibition of the Terminal Stages of Adipocyte Differentiation by cMyc. Experimental Cell Research, 2000, 254, 91-98. | 1.2 | 27 |
| 74 | The BRCA2 transactivation domain does not interact with JNK. , 1999, 25, 407-409. | | 6 |
| 75 | An oncogenic mutation uncouples the v-Jun oncoprotein from positive regulation by the SAPK/JNK pathway in vivo. Current Biology, 1998, 8, 117-120. | 1.8 | 32 |
| 76 | Analysis of the Interaction between c-Jun and c-Jun N-terminal Kinase in Vivo. Journal of Biological Chemistry, 1998, 273, 33429-33435. | 1.6 | 36 |
| 77 | Insulin-stimulated expression of c-fos, fra1 and c-jun accompanies the activation of the activator protein-1 (AP-1) transcriptional complex. Biochemical Journal, 1998, 335, 19-26. | 1.7 | 41 |
| 78 | Pruritus and cholestasis: Therapeutic options. Journal of Gastroenterology and Hepatology (Australia), 1993, 8, 168-173. | 1.4 | 28 |
| 79 | Detection of a Myc-associated protein by chemical cross-linking.. Molecular and Cellular Biology, 1989, 9, 865-868. | 1.1 | 9 |
| 80 | Rearrangements of viral and cellular DNA are often associated with expression of Rous sarcoma virus in rat cells. Cell, 1985, 41, 279-287. | 13.5 | 25 |
| 81 | Analysis of the variations in proviral cytosine methylation that accompany transformation and morphological reversion in a line of Rous sarcoma virus-infected Rat-1 Cells. Nucleic Acids Research, 1984, 12, 5193-5210. | 6.5 | 27 |
| 82 | The changes in proviral chromatin that accompany morphological variation in avian sarcoma virus-infected rat cells. Nucleic Acids Research, 1982, 10, 3967-3980. | 6.5 | 35 |
| 83 | Properties of Middle-Repeat Sequences in Nuclear Deoxyribonucleic Acid from Baby-Hamster Kidney Cells (BHK-21/C13). Biochemical Society Transactions, 1979, 7, 663-665. | 1.6 | 0 |
| 84 | Microbubbles in replicating nuclear deoxyribonucleic acid from Physarum polycephalum. Biochemical Journal, 1979, 183, 477-480. | 1.7 | 5 |