# Bruce C Baguley

List of Publications by Year
in descending order

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| 263 papers | 12,890 citations | 23500 58 h-index | 32761 100 g-index |
| 268 all docs | 268 docs citations | 268 times ranked | 12970 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Disrupting tumour blood vessels. Nature Reviews Cancer, 2005, 5, 423-435. | 12.8 | 867 |
| 2 | Signaling Pathways in Melanogenesis. International Journal of Molecular Sciences, 2016, 17, 1144. | 1.8 | 605 |
| 3 | Multiple Drug Resistance Mechanisms in Cancer. Molecular Biotechnology, 2010, 46, 308-316. | 1.3 | 426 |
| 4 | Potential antitumor agents. 59. Structure-activity relationships for 2-phenylbenzimidazole-4-carboxamides, a new class of minimal DNA-intercalating agents which may not act via topoisomerase II. Journal of Medicinal Chemistry, 1990, 33, 814-819. | 2.9 | 284 |
| 5 | Epigenetic regulation in human melanoma: past and future. Epigenetics, 2015, 10, 103-121. | 1.3 | 237 |
| 6 | Potential antitumor agents. 28. Deoxyribonucleic acid polyintercalating agents. Journal of Medicinal Chemistry, 1978, 21, 658-668. | 2.9 | 200 |
| 7 | Role of lipophilicity in determining cellular uptake and antitumour activity of gold phosphine complexes. Cancer Chemotherapy and Pharmacology, 2000, 46, 343-350. | 1.1 | 197 |
| 8 | A semiautomated microculture method for investigating growth inhibitory effects of cytotoxic compounds on exponentially growing carcinoma cells. Analytical Biochemistry, 1984, 139, 272-277. | 1.1 | 192 |
| 9 | Potential antitumor agents. 34. Quantitative relationships between DNA binding and molecular structure for 9-anilinoacridines substituted in the anilino ring. Journal of Medicinal Chemistry, 1981, 24, 170-177. | 2.9 | 188 |
| 10 | Potential antitumor agents. 61. Structure-activity relationships for in vivo colon 38 activity among disubstituted 9-oxo-9H-xanthene-4-acetic acids. Journal of Medicinal Chemistry, 1991, 34, 217-222. | 2.9 | 187 |
| 11 | In vitro antitumour and hepatotoxicity profiles of Au(I) and Ag(I) bidentate pyridyl phosphine complexes and relationships to cellular uptake. Journal of Inorganic Biochemistry, 2008, 102, 303-310. | 1.5 | 174 |
| 12 | Mutation-Specific RAS Oncogenicity Explains NRAS Codon 61 Selection in Melanoma. Cancer Discovery, 2014, 4, 1418-1429. | 7.7 | 174 |
| 13 | Antivascular therapy of cancer: DMXAA. Lancet Oncology, The, 2003, 4, 141-148. | 5.1 | 167 |
| 14 | The interaction of ethidium with synthetic double-stranded polynucleotides at low ionic strength. Nucleic Acids Research, 1978, 5, 161-171. | 6.5 | 151 |
| 15 | Inhibition of growth of colon 38 adenocarcinoma by vinblastine and colchicine: Evidence for a vascular mechanism. European Journal of Cancer & Clinical Oncology, 1991, 27, 482-487. | 0.9 | 149 |
| 16 | Structureâ^'Activity Relationships for Substituted Bis(acridine-4-carboxamides):â€‰ A New Class of Anticancer Agents. Journal of Medicinal Chemistry, 1999, 42, 2383-2393. | 2.9 | 145 |
| 17 | Potential antitumor agents. 57. 2-Phenylquinoline-8-carboxamides as minimal DNA-intercalating antitumor agents with in vivo solid tumor activity. Journal of Medicinal Chemistry, 1989, 32, 396-401. | 2.9 | 143 |
| 18 | Potential antitumor agents. 29. Quantitative structure-activity relationships for the antileukemic bisquaternary ammonium heterocycles. Journal of Medicinal Chemistry, 1979, 22, 134-150. | 2.9 | 142 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Blood Flow Failure as a Major Determinant in the Antitumor Action of Flavone Acetic Acid. Journal of the National Cancer Institute, 1989, 81, 1005-1013. | 3.0 | 141 |
| 20 | DNA-Directed Alkylating Agents. 6. Synthesis and Antitumor Activity of DNA Minor Groove-Targeted Aniline Mustard Analogs of Pibenzimol (Hoechst 33258). Journal of Medicinal Chemistry, 1994, 37, 4338-4345. | 2.9 | 141 |
| 21 | Disrupting established tumor blood vessels. Cancer, 2010, 116, 1859-1871. | 2.0 | 138 |
| 22 | Differences in the carcinogenic evaluation of glyphosate between the International Agency for Research on Cancer (IARC) and the European Food Safety Authority (EFSA). Journal of Epidemiology and Community Health, 2016, 70, 741-745. | 2.0 | 138 |
| 23 | Dual Topoisomerase I / II Inhibitors in Cancer Therapy. Current Topics in Medicinal Chemistry, 2003, 3, 339-353. | 1.0 | 136 |
| 24 | Potential antitumor agents. 51. Synthesis and antitumor activity of substituted phenazine-1-carboxamides. Journal of Medicinal Chemistry, 1987, 30, 843-851. | 2.9 | 126 |
| 25 | Emerging Role of Long Non-Coding RNA SOX2OT in SOX2 Regulation in Breast Cancer. PLoS ONE, 2014, 9, e102140. | 1.1 | 119 |
| 26 | Potential antitumor agents. 58. Synthesis and structure-activity relationships of substituted xanthenone-4-acetic acids active against the colon 38 tumor in vivo. Journal of Medicinal Chemistry, 1989, 32, 793-799. | 2.9 | 118 |
| 27 | Early stages of the apoptotic pathway in plant cells are reversible. Plant Journal, 1998, 13, 803-814. | 2.8 | 115 |
| 28 | Induction of tumour necrosis factor-? by single and repeated doses of the antitumour agent 5,6-dimethylxanthenone-4-acetic acid. Cancer Chemotherapy and Pharmacology, 1995, 36, 143-148. | 1.1 | 113 |
| 29 | Synthesis and Antitumor Properties ofN-[2-(Dimethylamino)ethyl]carboxamide Derivatives of Fused Tetracyclic Quinolines and Quinoxalines:Â A New Class of Putative Topoisomerase Inhibitors. Journal of Medicinal Chemistry, 1997, 40, 2040-2046. | 2.9 | 112 |
| 30 | Potential antitumor agents. Part 43. Synthesis and biological activity of dibasic 9-aminoacridine-4-carboxamides, a new class of antitumor agent. Journal of Medicinal Chemistry, 1984, 27, 1481-1485. | 2.9 | 109 |
| 31 | Potential antitumor agents. 54. Chromophore requirements for in vivo antitumor activity among the general class of linear tricyclic carboxamides. Journal of Medicinal Chemistry, 1988, 31, 707-712. | 2.9 | 102 |
| 32 | A mathematical model for analysis of the cell cycle in cell lines derived from human tumors. Journal of Mathematical Biology, 2003, 47, 295-312. | 0.8 | 100 |
| 33 | Formulation and pharmacokinetic evaluation of an asulacrine nanocrystalline suspension for intravenous delivery. International Journal of Pharmaceutics, 2009, 367, 179-186. | 2.6 | 100 |
| 34 | Synthesis and Biological Evaluation of Novel Analogues of the Pan Class I Phosphatidylinositol 3-Kinase (PI3K) Inhibitor 2-(Difluoromethyl)-1-[4,6-di(4-morpholinyl)-1,3,5-triazin-2-yl]-1H-benzimidazole (ZSTK474). Journal of Medicinal Chemistry, 2011, 54, 7105-7126. | 2.9 | 97 |
| 35 | Potential antitumor agents. 44. Synthesis and antitumor activity of new classes of diacridines: importance of linker chain rigidity for DNA binding kinetics and biological activity. Journal of Medicinal Chemistry, 1985, 28, 1568-1574. | 2.9 | 95 |
| 36 | Bis(phenazine-1-carboxamides):Â Structureâ^'Activity Relationships for a New Class of Dual Topoisomerase I/II-Directed Anticancer Drugs. Journal of Medicinal Chemistry, 2000, 43, 1350-1358. | 2.9 | 95 |

| # | Article | IF | Citations |
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| 37 | Flavone acetic acid (NSC 347512) induces haemorrhagic necrosis of mouse colon 26 and 38 tumours. European Journal of Cancer & Clinical Oncology, 1987, 23, 1209-1211. | 0.9 | 93 |
| 38 | Topoisomerase II enzymes and mutagenicity. Environmental and Molecular Mutagenesis, 1994, 24, 245-261. | 0.9 | 90 |
| 39 | 5,6-Dimethylxanthenone-4-Acetic Acid in the Treatment of Refractory Tumors: a Phase I Safety Study of a Vascular Disrupting Agent. Clinical Cancer Research, 2006, 12, 1776-1784. | 3.2 | 90 |
| 40 | Synthesis and antitumor activity of some indeno[1,2- b ]quinoline-based bis carboxamides. Bioorganic and Medicinal Chemistry, 2000, 8, 977-984. | 1.4 | 87 |
| 41 | Synthesis and Cytotoxic Activity of 7-Oxo-7H-dibenz[f,ij]isoquinoline and 7-Oxo-7H-benzo[e]perimidine Derivatives. Journal of Medicinal Chemistry, 2001, 44, 2004-2014. | 2.9 | 86 |
| 42 | Potential antitumor agents. 46. Structure-activity relationships for acridine monosubstituted derivatives of the antitumor agent N-[2-(dimethylamino)ethyl]-9-aminoacridine-4-carboxamide. Journal of Medicinal Chemistry, 1986, 29, 472-477. | 2.9 | 83 |
| 43 | DNA-directed alkylating agents. 1. Structure-activity relationships for acridine-linked aniline mustards: consequences of varying the reactivity of the mustard. Journal of Medicinal Chemistry, 1990, 33, 1177-1186. | 2.9 | 83 |
| 44 | Induction of natural killer cell activity by the antitumour compound flavone acetic acid (NSC 347 512). European Journal of Cancer & Clinical Oncology, 1987, 23, 1047-1050. | 0.9 | 82 |
| 45 | Keeping abreast with long non-coding RNAs in mammary gland development and breast cancer. Frontiers in Genetics, 2014, 5, 379. | 1.1 | 76 |
| 46 | Comparison of the effects of the PI3K/mTOR inhibitors NVP-BEZ235 and GSK2126458 on tamoxifen-resistant breast cancer cells. Cancer Biology and Therapy, 2011, 11, 938-946. | 1.5 | 74 |
| 47 | A Gene Expression Signature of Invasive Potential in Metastatic Melanoma Cells. PLoS ONE, 2009, 4, e8461. | 1.1 | 74 |
| 48 | Comparison of in Vitro activity of cytotoxic drugs towards human carcinoma and leukaemia cell lines. European Journal of Cancer & Clinical Oncology, 1986, 22, 655-662. | 0.9 | 72 |
| 49 | Effect of Flavone Acetic Acid on Lewis Lung Carcinoma: Evidence for an Indirect Effect1. Journal of the National Cancer Institute, 1988, 80, 241-245. | 3.0 | 72 |
| 50 | Association of Mutant TP53 with Alternative Lengthening of Telomeres and Favorable Prognosis in Glioma. Cancer Research, 2006, 66, 6473-6476. | 0.4 | 72 |
| 51 | Structureâ^'Activity Relationships for Acridine-Substituted Analogues of the Mixed Topoisomerase I/II Inhibitor N-[2-(Dimethylamino)ethyl]acridine-4-carboxamide. Journal of Medicinal Chemistry, 1997, 40, 1919-1929. | 2.9 | 70 |
| 52 | Mechanisms of tumor vascular shutdown induced by 5,6-dimethylxanthenone-4-acetic acid (DMXAA): Increased tumor vascular permeability. International Journal of Cancer, 2005, 116, 322-326. | 2.3 | 70 |
| 53 | AXL Targeting Abrogates Autophagic Flux and Induces Immunogenic Cell Death in Drug-Resistant Cancer Cells. Journal of Thoracic Oncology, 2020, 15, 973-999. | 0.5 | 66 |
| 54 | Mechanisms of Action of DNA Intercalating Acridine-based Drugs: How Important are Contributions from Electron Transfer and Oxidative Stress?. Current Medicinal Chemistry, 2003, 10, 2643-2649. | 1.2 | 65 |

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| 55 | Pharmacokinetics and pharmacodynamics of chlorambucil delivered in parenteral emulsion. International Journal of Pharmaceutics, 2008, 360, 115-121. | 2.6 | 65 |
| 56 | Potential antitumor agents. 49. 5-Substituted derivatives of N-[2-(dimethylamino)ethyl]-9-aminoacridine-4-carboxamide with in vivo solid-tumor activity. Journal of Medicinal Chemistry, 1987, 30, 658-663. | 2.9 | 62 |
| 57 | DNA-directed alkylating agents. 5. Acridinecarboxamide derivatives of (1,2-diaminoethane)dichloroplatinum(II). Journal of Medicinal Chemistry, 1992, 35, 2983-2987. | 2.9 | 62 |
| 58 | Dicationic Bis(9-methylphenazine-1-carboxamides):Â Relationships between Biological Activity and Linker Chain Structure for a Series of Potent Topoisomerase Targeted Anticancer Drugs. Journal of Medicinal Chemistry, 2001, 44, 1407-1415. | 2.9 | 62 |
| 59 | Potential antitumor agents. 63. Structure-activity relationships for side-chain analogs of the colon 38 active agent 9-oxo-9H-xanthene-4-acetic acid. Journal of Medicinal Chemistry, 1991, 34, 2864-2870. | 2.9 | 61 |
| 60 | In vitro and in vivo characterization of XR11576, a novel, orally active, dual inhibitor of topoisomerase I and II. Anti-Cancer Drugs, 2002, 13, 15-28. | 0.7 | 61 |
| 61 | Comparison of the effects of flavone acetic acid, fostriecin, homoharringtonine and tumour necrosis factor Î± on Colon 38 tumours in mice. European Journal of Cancer & Clinical Oncology, 1989, 25, 263-269. | 0.9 | 59 |
| 62 | In vitro assessment ofN-[2-(dimethylamino)ethyl]acridine-4-carboxamide, a DNA-intercalating antitumour drug with reduced sensitivity to multidrug resistance. Cancer Chemotherapy and Pharmacology, 1993, 31, 401-406. | 1.1 | 59 |
| 63 | Cell line selectivity and DNA breakage properties of the antitumour agent N-[2-(Dimethylamino)ethyl]acridine-4-carboxamide: role of DNA topoisomerase II. European Journal of Cancer & Clinical Oncology, 1988, 24, 1783-1790. | 0.9 | 57 |
| 64 | Design of NDA Intercalators To Overcome Topoisomerase II-Mediated Multidurg Resistance. Journal of the National Cancer Institute, 1990, 82, 398-402. | 3.0 | 57 |
| 65 | DNA-directed alkylating agents. 2. Synthesis and biological activity of platinum complexes linked to 9-anilinoacridine. Journal of Medicinal Chemistry, 1990, 33, 3008-3014. | 2.9 | 57 |
| 66 | Thalidomide Pharmacokinetics and Metabolite Formation in Mice, Rabbits, and Multiple Myeloma Patients. Clinical Cancer Research, 2004, 10, 5949-5956. | 3.2 | 57 |
| 67 | Potential antitumor agents. 55. 6-Phenylphenanthridine-4-carboxamides: a new class of DNA-intercalating antitumor agents. Journal of Medicinal Chemistry, 1988, 31, 774-779. | 2.9 | 55 |
| 68 | Modelling cell death in human tumour cell lines exposed to the anticancer drug paclitaxel. Journal of Mathematical Biology, 2004, 49, 329-357. | 0.8 | 55 |
| 69 | Potential antitumor agents. 56. Minimal DNA-intercalating ligands as antitumor drugs: phenylquinoline-8-carboxamides. Journal of Medicinal Chemistry, 1988, 31, 1048-1052. | 2.9 | 54 |
| 70 | Positioning of the Carboxamide Side Chain in 11-Oxo-11 H -indeno[1,2- b ]quinolinecarboxamide Anticancer Agents: Effects on Cytotoxicity. Bioorganic and Medicinal Chemistry, 2001, 9, 445-452. | 1.4 | 54 |
| 71 | MCF-7 breast cancer cells selected for tamoxifen resistance acquire new phenotypes differing in DNA content, phospho-HER2 and PAX2 expression, and rapamycin sensitivity. Cancer Biology and Therapy, 2010, 9, 717-724. | 1.5 | 54 |
| 72 | Optimization of the formation of embedded multicellular spheroids of MCF-7 cells: How to reliably produce a biomimetic 3D model. Analytical Biochemistry, 2016, 515, 47-54. | 1.1 | 54 |

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| 73 | Inhibitors of pan-PI3K Signaling Synergize with BRAF or MEK Inhibitors to Prevent BRAF-Mutant Melanoma Cell Growth. Frontiers in Oncology, 2015, 5, 135. | 1.3 | 52 |
| 74 | Synthesis and Cytotoxic Activity of Carboxamide Derivatives of Benzo[b][1,6]naphthyridines. Journal of Medicinal Chemistry, 2003, 46, 1049-1054. | 2.9 | 51 |
| 75 | Synthesis, biological evaluation and molecular modelling of sulfonohydrazides as selective PI3K p110Î± inhibitors. Bioorganic and Medicinal Chemistry, 2007, 15, 7677-7687. | 1.4 | 51 |
| 76 | Antitumor activity of XR5944, a novel and potent topoisomerase poison. Anti-Cancer Drugs, 2001, 12, 359-367. | 0.7 | 50 |
| 77 | Metabolism of Thalidomide in Liver Microsomes of Mice, Rabbits, and Humans. Journal of Pharmacology and Experimental Therapeutics, 2004, 310, 571-577. | 1.3 | 50 |
| 78 | Strategies to Maximize Liposomal Drug Loading for a Poorly Water-soluble Anticancer Drug. Pharmaceutical Research, 2015, 32, 1451-1461. | 1.7 | 49 |
| 79 | Effects of protein binding on the in vitro activity of antitumour acridine derivatives and related anticancer drugs. Cancer Chemotherapy and Pharmacology, 2000, 45, 417-422. | 1.1 | 48 |
| 80 | DNA-directed alkylating agents. 3. Structure-activity relationships for acridine-linked aniline mustards: consequences of varying the length of the linker chain. Journal of Medicinal Chemistry, 1990, 33, 3014-3019. | 2.9 | 47 |
| 81 | Pharmacokinetics and pharmacodynamics of chlorambucil delivered in long-circulating nanoemulsion. Journal of Drug Targeting, 2010, 18, 125-133. | 2.1 | 46 |
| 82 | Phase I study of the cytotoxic agent N â€Š-[2-(dimethylamino)ethyl]acridine-4-carboxamide. Cancer Chemotherapy and Pharmacology, 1999, 44, 39-44. | 1.1 | 45 |
| 83 | Multiple Isoforms of ANRIL in Melanoma Cells: Structural Complexity Suggests Variations in Processing. International Journal of Molecular Sciences, 2017, 18, 1378. | 1.8 | 45 |
| 84 | Enhancement of in vitro cytotoxicity of mouse peritoneal exudate cells by flavone acetic acid (NSC) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 | 0.9 | 44 |
| 85 | Ring-substituted 11-oxo-11 H -indeno[1,2- b ]quinoline-6-carboxamides with similar patterns of cytotoxicity to the dual topo I/II inhibitor DACA. Bioorganic and Medicinal Chemistry, 1999, 7, 2801-2809. | 1.4 | 43 |
| 86 | Potentiation of Growth Inhibitory Responses of the mTOR Inhibitor Everolimus by Dual mTORC1/2 Inhibitors in Cultured Breast Cancer Cell Lines. PLoS ONE, 2015, 10, e0131400. | 1.1 | 43 |
| 87 | Potential antitumor agents. 60. Relationships between structure and in vivo colon 38 activity for 5-substituted 9-oxoxanthene-4-acetic acids. Journal of Medicinal Chemistry, 1990, 33, 1375-1379. | 2.9 | 42 |
| 88 | 5,6-dimethylxanthenone-4-acetic acid (DMXAA): a new biological response modifier for cancer therapy. Investigational New Drugs, 2002, 20, 281-295. | 1.2 | 42 |
| 89 | Modelling cell population growth with applications to cancer therapy in human tumour cell lines. Progress in Biophysics and Molecular Biology, 2004, 85, 353-368. | 1.4 | 42 |
| 90 | Post-insertion of poloxamer 188 strengthened liposomal membrane and reduced drug irritancy and in vivo precipitation, superior to PEGylation. Journal of Controlled Release, 2015, 203, 161-169. | 4.8 | 42 |

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| 91 | Serotonin involvement in the antitumour and host effects of flavone-8-acetic acid and 5,6-dimethylxanthenone-4-acetic acid. Cancer Chemotherapy and Pharmacology, 1993, 33, 77-81. | 1.1 | 41 |
| 92 | Synthesis and cytotoxic activity of carboxamide derivatives of benzo[b][1,6]naphthyridin-(5H)ones. Bioorganic and Medicinal Chemistry, 2005, 13, 1341-1355. | 1.4 | 41 |
| 93 | Plasma disposition, metabolism and excretion of the experimental antitumour agent 5,6-dimethylxanthenone-4-acetic acid in the mouse, rat and rabbit. Cancer Chemotherapy and Pharmacology, 1999, 43, 323-330. | 1.1 | 40 |
| 94 | Comparison of responses of human melanoma cell lines to MEK and BRAF inhibitors. Frontiers in Genetics, 2013, 4, 66. | 1.1 | 40 |
| 95 | Evidence for the Existence of Triple-Negative Variants in the MCF-7 Breast Cancer Cell Population. BioMed Research International, 2014, 2014, 1-7. | 0.9 | 40 |
| 96 | Potential antitumor agents. 62. Structure-activity relationships for tricyclic compounds related to the colon tumor active drug 9-oxo-9H-xanthene-4-acetic acid. Journal of Medicinal Chemistry, 1991, 34, 491-496. | 2.9 | 39 |
| 97 | Major Changes in Chromatin Condensation Suggest the Presence of an Apoptotic Pathway in Plant Cells. Experimental Cell Research, 1998, 241, 46-54. | 1.2 | 39 |
| 98 | Temporal aspects of the action of ASA404 (vadimezan; DMXAA). Expert Opinion on Investigational Drugs, 2010, 19, 1413-1425. | 1.9 | 39 |
| 99 | The use of human cancer cell lines as a primary screening system for antineoplastic compounds. European Journal of Cancer & Clinical Oncology, 1984, 20, 947-954. | 0.9 | 38 |
| 100 | Selectivity of N-[2-(Dimethylamino)ethyl]acridine-4-carâ˜amide towards Lewis lung carcinoma and human tumour cell lines in vitro. European Journal of Cancer & Clinical Oncology, 1989, 25, 271-277. | 0.9 | 37 |
| 101 | Synthesis of Substituted Indeno[1,2-b]quinoline-6-carboxamides, [1]benzothieno[3,2-b]quinoline-4-carboxamides and 10H-quindoline-4-carboxamides: Evaluation of Structureâ€“Activity Relationships for Cytotoxicity. Bioorganic and Medicinal Chemistry, 2000, 8, 2461-2466. | 1.4 | 37 |
| 102 | Modelling the flow of cytometric data obtained from unperturbed human tumour cell lines: parameter fitting and comparison. Bulletin of Mathematical Biology, 2005, 67, 815-830. | 0.9 | 35 |
| 103 | Potential antitumor agents. 64. Synthesis and antitumor evaluation of dibenzo[1,4]dioxin-1-carboxamides: a new class of weakly binding DNA-intercalating agents. Journal of Medicinal Chemistry, 1992, 35, 258-266. | 2.9 | 34 |
| 104 | Novel pyrazolo[1,5-a]pyridines as p110Î±-selective PI3 kinase inhibitors: Exploring the benzenesulfonohydrazide SAR. Bioorganic and Medicinal Chemistry, 2012, 20, 58-68. | 1.4 | 34 |
| 105 | Measurement of plasma 5-hydroxyindoleacetic acid as a possible clinical surrogate marker for the action of antivascular agents. Clinica Chimica Acta, 2001, 314, 159-166. | 0.5 | 33 |
| 106 | Thiolytic cleavage of the anti-tumour compound 4â€²-(9-acridinylamino)-methanesulphon-m-anisidine (m-AMSA, NSC 156 303) in blood. Chemico-Biological Interactions, 1977, 18, 163-178. | 1.7 | 32 |
| 107 | Redox chemistry of the 9-anilinoacridine class of antitumor agents. Journal of Medicinal Chemistry, 1987, 30, 473-480. | 2.9 | 32 |
| 108 | Verapamil as a co-mutagen in the Salmonella/mammalian microsome mutagenicity test. Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis, 1988, 209, 57-62. | 1.2 | 32 |

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| 109 | Endocrine Therapy of Estrogen Receptor-Positive Breast Cancer Cells: Early Differential Effects on Stem Cell Markers. Frontiers in Oncology, 2017, 7, 184. | 1.3 | 32 |
| 110 | Thalidomide metabolites in mice and patients with multiple myeloma. Clinical Cancer Research, 2003, 9, 1680-8. | 3.2 | 32 |
| 111 | Plasma pharmacokinetics of the antitumour agents 5,6-dimethylxanthenone-4-acetic acid, xanthenone-4-acetic acid and flavone-8-acetic acid in mice. Cancer Chemotherapy and Pharmacology, 1991, 28, 409-413. | 1.1 | 31 |
| 112 | Modulation of the pharmacokinetics of the antitumour agent 5,6-dimethylxanthenone-4-acetic acid (DMXAA) in mice by thalidomide. Cancer Chemotherapy and Pharmacology, 2000, 46, 135-141. | 1.1 | 30 |
| 113 | Discovery of pyrazolo[1,5-a]pyridines as p110Î±-selective PI3 kinase inhibitors. Bioorganic and Medicinal Chemistry, 2012, 20, 69-85. | 1.4 | 30 |
| 114 | Potential antitumor agents. 39. Anilino ring geometry of amsacrine and derivatives: relationship to DNA binding and antitumor activity. Journal of Medicinal Chemistry, 1983, 26, 1625-1630. | 2.9 | 29 |
| 115 | The potential of N -[2-(dimethylamino)ethyl]acridine-4-carboxamide]to circumvent three multidrug-resistance phenotypes in vitro. Cancer Chemotherapy and Pharmacology, 1997, 39, 424-430. | 1.1 | 29 |
| 116 | Transport of the investigational anti-cancer drug 5,6-dimethylxanthenone-4-acetic acid and its acyl glucuronide by human intestinal Caco-2 cells. European Journal of Pharmaceutical Sciences, 2005, 24, 513-524. | 1.9 | 29 |
| 117 | Tumor Stem Cell Niches: A New Functional Framework for the Action of Anticancer Drugs. Recent Patents on Anti-Cancer Drug Discovery, 2006, 1, 121-127. | 0.8 | 29 |
| 118 | Electron-Deficient DNA Intercalating Agents as Antitumor Drugs: Aza Analogs of the Experimental Clinical Agent N-[2-(Dimethylamino)ethyl]acridine-4-carboxamide. Journal of Medicinal Chemistry, 1994, 37, 593-597. | 2.9 | 28 |
| 119 | Metabolism of N ?-[2-(dimethylamino)ethyl]acridine-4-carboxamide in cancer patients undergoing a phase I clinical trial. Cancer Chemotherapy and Pharmacology, 1999, 44, 51-58. | 1.1 | 28 |
| 120 | Potential antitumor agents. 40. Orally active 4,5-disubstituted derivatives of amsacrine. Journal of Medicinal Chemistry, 1984, 27, 363-367. | 2.9 | 27 |
| 121 | Mechanism of cytotoxicity of N -[2-(dimethylamino)ethyl] acridine-4-carboxamide and of its 7-chloro derivative: the roles of topoisomerases I and II. Cancer Chemotherapy and Pharmacology, 1999, 43, 302-308. | 1.1 | 27 |
| 122 | Potential of DMXAA combination therapy for solid tumors. Expert Review of Anticancer Therapy, 2002, 2, 593-603. | 1.1 | 27 |
| 123 | MITF and PAX3 Play Distinct Roles in Melanoma Cell Migration; Outline of a â€œGenetic Switchâ€•Theory Involving MITF and PAX3 in Proliferative and Invasive Phenotypes of Melanoma. Frontiers in Oncology, 2013, 3, 229. | 1.3 | 27 |
| 124 | Evidence that phospholipase C is involved in the antitumour action of NSC768313, a new thieno[2,3-b]pyridine derivative. Cancer Cell International, 2016, 16, 18. | 1.8 | 27 |
| 125 | The CDKN2A G500 Allele Is More Frequent in GBM Patients with No Defined Telomere Maintenance Mechanism Tumors and Is Associated with Poorer Survival. PLoS ONE, 2011, 6, e26737. | 1.1 | 27 |
| 126 | DNA-directed alkylating agents. 4. 4-Anilinoquinoline-based minor groove directed aniline mustards. Journal of Medicinal Chemistry, 1991, 34, 1552-1560. | 2.9 | 26 |

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| 127 | Induction of tumour necrosis factor and interferon-Î³ in cultured murine splenocytes by the antivascular agent DMXAA and its metabolites. Biochemical Pharmacology, 2004, 67, 937-945. | 2.0 | 26 |
| 128 | The Role of the Hippo Pathway in Melanocytes and Melanoma. Frontiers in Oncology, 2013, 3, 123. | 1.3 | 26 |
| 129 | Comparative studies of mutagenic, DNA binding and antileukaemic properties of 9-anilinoacridine derivatives and related compounds. Chemico-Biological Interactions, 1983, 44, 53-62. | 1.7 | 25 |
| 130 | Chemoprotection by 9-aminoacridine derivatives against the cytotoxicity of topoisomerase II-directed drugs. European Journal of Cancer & Clinical Oncology, 1989, 25, 1695-1701. | 0.9 | 25 |
| 131 | Variable Expression of GLIPR1 Correlates with Invasive Potential in Melanoma Cells. Frontiers in Oncology, 2013, 3, 225. | 1.3 | 25 |
| 132 | Synthesis, DNA interactions and biological activity of DNA minor groove targeted polybenzamide-linked nitrogen mustards. Bioorganic and Medicinal Chemistry, 1995, 3, 679-691. | 1.4 | 24 |
| 133 | Potential antitumor agents. 45. Synthesis, DNA-binding interaction, and biological activity of triacridine derivatives. Journal of Medicinal Chemistry, 1986, 29, 69-74. | 2.9 | 23 |
| 134 | Stimulation of macrophage tumouricidal activity by 5,6-dimethyl-xanthenone-4-acetic acid, a potent analogue of the antitumour agent flavone-8-acetic acid. Biochemical Pharmacology, 1992, 44, 192-195. | 2.0 | 23 |
| 135 | Relationships between Signaling Pathway Usage and Sensitivity to a Pathway Inhibitor: Examination of Trametinib Responses in Cultured Breast Cancer Lines. PLoS ONE, 2014, 9, e105792. | 1.1 | 23 |
| 136 | Hormone Resistance in Two MCF-7 Breast Cancer Cell Lines is Associated with Reduced mTOR Signaling, Decreased Glycolysis, and Increased Sensitivity to Cytotoxic Drugs. Frontiers in Oncology, 2014, 4, 221. | 1.3 | 23 |
| 137 | DNA-Binding Anticancer Drugs: One Target, Two Actions. Molecules, 2021, 26, 552. | 1.7 | 23 |
| 138 | Divergent activity of derivatives of amsacrine (m-AMSA) towards Lewis lung carcinoma and P388 leukaemia in mice. European Journal of Cancer & Clinical Oncology, 1983, 19, 1607-1613. | 0.9 | 22 |
| 139 | Potential antitumor agents. Part 38. 3-Substituted 5-carboxamido derivatives of amsacrine. Journal of Medicinal Chemistry, 1983, 26, 1619-1625. | 2.9 | 22 |
| 140 | Electron donor properties of the antitumour drug amsacrine as studied by fluorescence quenching of DNA-bound ethidium. Chemico-Biological Interactions, 1987, 62, 45-58. | 1.7 | 22 |
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