

# CITATION REPORT

List of articles citing

Comparison of in vitro anticancer-drug-screening data generated with a tetrazolium assay versus a protein assay against a diverse panel of human tumor cell lines

DOI: 10.1093/jnci/82.13.1113

Journal of the National Cancer Institute, 1990, 82, 1113-8.

**Source:** <https://exaly.com/paper-pdf/21298771/citation-report.pdf>

**Version:** 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

| #   | Paper   | IF | Citations |
|-----|---|----|-----------|
| 831 | 3D-QSAR Modeling and Synthesis of New Fusidic Acid Derivatives as Antiplasmodial Agents.  |    |           |
| 830 | Identification of Fast-Acting 2,6-Disubstituted Imidazopyridines That Are Efficacious in the in Vivo Humanized Plasmodium falciparum NODscidIL2Rnull Mouse Model of Malaria.                        |    |           |
| 829 | Identification and Mechanistic Evaluation of Hemozoin-Inhibiting Triarylimidazoles Active against Plasmodium falciparum.  |    |           |
| 828 | Pyrrolo[3,4c]pyridine-1,3(2H)diones: A Novel Antimycobacterial Class Targeting Mycobacterial Respiration.   |    |           |
| 827 | Identification and SAR Evaluation of Hemozoin-Inhibiting Benzamides Active against Plasmodium falciparum.   |    |           |
| 826 | Identification of a Potential Antimalarial Drug Candidate from a Series of 2Aminopyrazines by Optimization of Aqueous Solubility and Potency across the Parasite Life Cycle.                        |    |           |
| 825 | Antimalarial Lead-Optimization Studies on a 2,6-Imidazopyridine Series within a Constrained Chemical Space To Circumvent Atypical DoseResponse Curves against Multidrug Resistant Parasite Strains. |    |           |
| 824 | History of clinical trials. <b>1991</b> , 7, 228-34   |    | 13        |
| 823 | Comparison of the sulforhodamine B protein and tetrazolium (MTT) assays for in vitro chemosensitivity testing. <b>1991</b> , 27, 897-900  |    | 348       |
| 822 | In vitro sensitivity assays in cancer: a review, analysis, and prognosis. <b>1991</b> , 5, 133-43   |    | 107       |
| 821 | Exploratory data analytic techniques to evaluate anticancer agents screened in a cell culture panel. <b>1992</b> , 2, 31-48   |    | 14        |
| 820 | Synthesis, Characterization, and Biological Activity of Polyanion-cis-diammineplatinum(II) Complexes as Antitumor Agents. <b>1992</b> , 7, 358-369  |    | 6         |
| 819 | Autocrine stimulation of growth of AR4-2J rat pancreatic tumour cells by gastrin. <b>1992</b> , 66, 32-8  |    | 51        |
| 818 | Prediction of response to drug therapy of cancer. A review of in vitro assays. <b>1992</b> , 44, 690-708  |    | 63        |
| 817 | A new approach for realizing the "antioncogram". <b>1992</b> , 50, 1711-8   |    | 4         |
| 816 | Effect of brief exposure to mitomycin C on viability and proliferation of cultured human Tenon's capsule fibroblasts. <b>1992</b> , 99, 1471-6  |    | 216       |
| 815 | Improved short- and long-term XTT-based colorimetric cellular cytotoxicity assay for melanoma and other tumor cells. <b>1992</b> , 147, 153-65  |    | 155       |

|     |   |     |
|-----|---|-----|
| 814 | The cytotoxicity, DNA crosslinking ability and DNA sequence selectivity of the aniline mustards melphalan, chlorambucil and 4-[bis(2-chloroethyl)amino] benzoic acid. <b>1992</b> , 44, 59-64 | 88  |
| 813 | Emerging from a crisis in anticancer drug discovery? Screening versus design: confessions of an optimistic fence-sitter. <b>1992</b> , 3, 699-705   | 2   |
| 812 | Comparative in vitro cytotoxicity of taxol and Taxotere against cisplatin-sensitive and -resistant human ovarian carcinoma cell lines. <b>1992</b> , 30, 444-50                               | 118 |
| 811 | Standardized kinetic microassay to quantify differential chemosensitivity on the basis of proliferative activity. <b>1992</b> , 118, 35-43  | 121 |
| 810 | Antitumor activity of <i>Psoralea corylifolia</i> . <b>1992</b> , 15, 356-359   | 47  |
| 809 | Transformation of mouse fibroblasts with the oncogenes H-ras OR trk is associated with pronounced changes in drug sensitivity and metabolism. <b>1993</b> , 54, 450-5                         | 41  |
| 808 | In vitro assays for chemotherapy sensitivity. <b>1993</b> , 15, 99-111  | 23  |
| 807 | Phase I trial of dihydrolenperone in lung cancer patients: a novel compound with in vitro activity against lung cancer. <b>1993</b> , 11, 29-37   | 3   |
| 806 | delta-Aminolevulinic acid effects on neuronal and glial tumor cell lines. <b>1993</b> , 18, 1255-8  | 7   |
| 805 | Differential cytotoxicity of 19 anticancer agents in wild type and etoposide resistant small cell lung cancer cell lines. <b>1993</b> , 67, 311-20  | 31  |
| 804 | An improved MTT assay. <b>1993</b> , 157, 203-7   | 319 |
| 803 | Anticancer drug screening and discovery in the 1990s: a European perspective. <b>1992</b> , 29A, 3-14   | 28  |
| 802 | Response of embryonic rat hippocampal neurons in culture to neurotrophin-3, brain-derived neurotrophic factor and basic fibroblast growth factor. <b>1993</b> , 57, 67-77                     | 50  |
| 801 | A comparison of clonogenic, microtetrazolium and sulforhodamine B assays for determination of cisplatin cytotoxicity in human ovarian carcinoma cell lines. <b>1993</b> , 29A, 395-9          | 55  |
| 800 | Sequential addition of deferoxamine and hemin inhibits glioma tumor-cell growth. <b>1993</b> , 2, 97-103  |     |
| 799 | Effects of diethyl spermine analogues in human bladder cancer cell lines in culture. <b>1993</b> , 150, 1293-7  | 14  |
| 798 | Oxidation therapy: the use of a reactive oxygen species-generating enzyme system for tumour treatment. <b>1994</b> , 70, 1131-5   | 52  |
| 797 | NEW ANTINEOPLASTIC AZA-PHOSPHOLIPIDS - SYNTHESIS, IN-VITRO CYTOTOXICITY AND DIFFERENTIAL CELLULAR-SENSITIVITY AGAINST 70 HUMAN TUMOR-CELL LINES. <b>1994</b> , 4, 29-36                       | 3   |

|     |   |        |
|-----|---|--------|
| 796 | In-vitro schedule-dependency of eo9 and miltefosine in comparison to standard drugs in colon-cancer cells. <b>1994</b> , 4, 709-15  | 2      |
| 795 | Neurotrophin-4/5 promotes survival and differentiation of rat striatal neurons developing in culture. <b>1994</b> , 6, 1669-79  | 85     |
| 794 | Inhibition of topoisomerase II by a novel antitumor cyclic depsipeptide, BE-22179. <b>1994</b> , 85, 550-5  | 16     |
| 793 | Stimulation of GABAergic neuron differentiation by NT-4/5 in cultures of rat cerebral cortex. <b>1994</b> , 80, 279-84  | 55     |
| 792 | Some practical considerations and applications of the national cancer institute in vitro anticancer drug discovery screen. <b>1995</b> , 34, 91-109   | 1227   |
| 791 | Characterisation of the influence of anti-gastrin, anti-epidermal growth factor, anti-oestradiol, and anti-luteinising hormone releasing hormone antibodies on the proliferation of 27 cell lines from the gastrointestinal tract. <b>1995</b> , 36, 220-30 | 15     |
| 790 | Cytotoxicity, cellular accumulation and DNA binding of oxaliplatin isomers. <b>1995</b> , 97, 177-84  | 68     |
| 789 | Microculture tetrazolium assays: a comparison between two new tetrazolium salts, XTT and MTS. <b>1995</b> , 179, 95-103   | 171    |
| 788 | Intracellular glutathione and cytotoxicity of platinum complexes. <b>1995</b> , 36, 271-8   | 37     |
| 787 | Using MTT viability assay to test the cytotoxicity of antibiotics and steroid to cultured porcine corneal endothelial cells. <b>1996</b> , 12, 35-43  | 65     |
| 786 | Jineol, a Cytotoxic Alkaloid from the Centipede Scolopendra subspinipes. <i>Journal of Natural Products</i> , <b>1996</b> , 59, 777-779   | 4.9 21 |
| 785 | Altered glutathione metabolism in oxaliplatin resistant ovarian carcinoma cells. <b>1996</b> , 105, 5-14  | 56     |
| 784 | Efficient fixation procedure of human leukemia cells in sulforhodamine B cytotoxicity assay. <b>1996</b> , 36, 163-9  | 24     |
| 783 | Immunoliposome-mediated targeting of doxorubicin to human ovarian carcinoma in vitro and in vivo. <b>1996</b> , 74, 1023-9  | 60     |
| 782 | Lectin-induced alterations on the proliferation of three human prostatic cancer cell lines. <b>1996</b> , 32, 633-639   | 7      |
| 781 | Synthesis of benzo[c]phenanthridine derivatives and their in vitro antitumor activities. <b>1996</b> , 19, 321-325  | 18     |
| 780 | Antitumor activity of arylacetylshikonin analogues. <b>1996</b> , 19, 416-422   | 8      |
| 779 | VIP and pituitary adenylate cyclase activating polypeptide (PACAP) have an antiproliferative effect on the T98G human glioblastoma cell line through interaction with VIP2 receptor. <b>1996</b> , 30, 491-6  | 47     |

|     |  |     |     |
|-----|--|-----|-----|
| 778 | Evaluation of in vitro chemosensitivity using human lung cancer cell lines. <b>1996</b> , 24, 160-4  |     | 12  |
| 777 | In vitro characterization of prolactin-induced effects on proliferation in the neoplastic LNCaP, DU145, and PC3 models of the human prostate. <b>1996</b> , 77, 144-9  |     | 44  |
| 776 | Applications of the MTT assay to functional studies of mouse intestinal intraepithelial lymphocytes. <b>1996</b> , 10, 42-52   |     | 15  |
| 775 | Synthesis and evaluation of cytotoxic activity of novel arylsulfonylimidazolidinones. <b>1996</b> , 6, 2553-2558   |     | 32  |
| 774 | Antimetastatic effect of a novel indolocarbazole (NB-506) on IMC-HM murine tumor cells metastasized to the liver. <b>1996</b> , 87, 518-23   |     | 9   |
| 773 | Influence of gastrin on human astrocytic tumor cell proliferation. <i>Journal of the National Cancer Institute</i> , <b>1996</b> , 88, 594-600   | 9-7 | 75  |
| 772 | Biological activities of new poly(N-1-adamantylmaleimide) and poly(N-1-diamantylmaleimide). <b>1996</b> , 7, 905-15  |     | 5   |
| 771 | The NCI In Vitro Anticancer Drug Discovery Screen. <b>1997</b> , 23-42   |     | 77  |
| 770 | In vitro influence of Phaseolus vulgaris, Griffonia simplicifolia, concanavalin A, wheat germ, and peanut agglutinins on HCT-15, LoVo, and SW837 human colorectal cancer cell growth. <b>1997</b> , 40, 253-61                   |     | 42  |
| 769 | DNA interstrand cross-linking and cytotoxicity induced by chloroethylnitrosoureas and cisplatin in human glioma cell lines which vary in cellular concentration of O6-alkylguanine-DNA alkyltransferase. <b>1997</b> , 75, 500-5 |     | 16  |
| 768 | Four new cytotoxic germacranolides from Carpesium divaricatum. <i>Journal of Natural Products</i> , <b>1997</b> , 60, 1199-202   | 4-9 | 38  |
| 767 | Synthesis and cytotoxic evaluation of substituted sulfonyl-N-hydroxyguanidine derivatives as potential antitumor agents. <b>1997</b> , 40, 2276-86   |     | 42  |
| 766 | Modulation of melphalan resistance in glioma cells with a peripheral benzodiazepine receptor ligand-melphalan conjugate. <b>1997</b> , 40, 1726-30   |     | 30  |
| 765 | Optimization of the sulforhodamine B colorimetric assay. <b>1997</b> , 208, 151-8  |     | 249 |
| 764 | Lectin histochemistry of astrocytic tumors and in vitro characterization of lectin-induced modifications on the proliferation of the SW1088, U373 and U87 human astrocytic cell lines. <b>1997</b> , 34, 111-22                  |     | 3   |
| 763 | Synthesis and antitumor activity of 3-aryloquinoline derivatives. <b>1997</b> , 20, 264-8  |     | 13  |
| 762 | 2-Substituted naphthazarins; synthesis and antitumor activity. <b>1997</b> , 330, 377-82   |     | 19  |
| 761 | GDNF induces the calretinin phenotype in cultures of embryonic striatal neurons. <b>1997</b> , 50, 361-72  |     | 22  |

|     |  |     |     |
|-----|--|-----|-----|
| 760 | Additive effect of mifepristone and tamoxifen on apoptotic pathways in MCF-7 human breast cancer cells. <i>Breast Cancer Research and Treatment</i> , <b>1998</b> , 51, 149-68   | 4.4 | 49  |
| 759 | Growth inhibition of human in vitro and mouse in vitro and in vivo mammary tumor models by retinoids in comparison with tamoxifen and the RU-486 anti-progestagen. <i>Breast Cancer Research and Treatment</i> , <b>1998</b> , 51, 39-55 | 4.4 | 28  |
| 758 | Implications for clinical pharmacodynamic studies of the statistical characterization of an in vitro antiproliferation assay. <b>1998</b> , 26, 717-33   |     | 7   |
| 757 | Roles for p53 in growth arrest and apoptosis: putting on the brakes after genotoxic stress. <b>1998</b> , 17, 3287-99  |     | 352 |
| 756 | Effect of curcumin on the aryl hydrocarbon receptor and cytochrome P450 1A1 in MCF-7 human breast carcinoma cells. <b>1998</b> , 56, 197-206   |     | 189 |
| 755 | The in vitro influence of eight hormones and growth factors on the proliferation of eight sarcoma cell lines. <b>1998</b> , 124, 155-64  |     | 10  |
| 754 | Synthesis of antineoplaston A10 analogs as potential antitumor agents. <b>1998</b> , 21, 157-63  |     | 2   |
| 753 | Synthesis and structure-activity relationship studies of substituted isoquinoline analogs as antitumor agent. <b>1998</b> , 21, 193-7  |     | 7   |
| 752 | Synthesis and biological evaluation of 3-arylisquinolines as antitumor agents. <b>1998</b> , 8, 41-6   |     | 39  |
| 751 | Synthesis and comparative molecular field analysis (CoMFA) of antitumor 3-arylisquinoline derivatives. <b>1998</b> , 6, 2449-58  |     | 23  |
| 750 | Cytotoxic compounds from the roots of <i>Juglans mandshurica</i> . <i>Journal of Natural Products</i> , <b>1998</b> , 61, 643-49   |     | 73  |
| 749 | Antitumor agents. 181. Synthesis and biological evaluation of 6,7,2',3',4'-substituted-1,2,3,4-tetrahydro-2-phenyl-4-quinolones as a new class of antimitotic antitumor agents. <b>1998</b> , 41, 1155-62                                |     | 208 |
| 748 | Clomiphene analogs with activity in vitro and in vivo against human breast cancer cells. <b>1998</b> , 55, 841-51  |     | 14  |
| 747 | Chemical constituents of Brazilian propolis and their cytotoxic activities. <i>Journal of Natural Products</i> , <b>1998</b> , 61, 896-900   | 4.9 | 198 |
| 746 | Changes in the expression of c-myc, RB and tyrosine-phosphorylated proteins during proliferation of NIH 3T3 cells induced by hyaluronic acid. <b>1998</b> , 30, 29-33  |     | 14  |
| 745 | Induction of cytotoxic oxidative stress by D-alanine in brain tumor cells expressing <i>Rhodotorula gracilis</i> D-amino acid oxidase: a cancer gene therapy strategy. <b>1998</b> , 9, 185-93   |     | 60  |
| 744 | Inhibition of Endometrial Cancer Cell Lines by Mifepristone (RU 486). <b>1998</b> , 5, 334-338   |     | 13  |
| 743 | Syntheses and biological activities of bis(3-indolyl)thiazoles, analogues of marine bis(indole)alkaloid nortopsentins. <b>1999</b> , 9, 569-72   |     | 137 |

|     |  |     |
|-----|--|-----|
| 742 | Antitumor agents 187: synthesis and cytotoxicity of substituted 8,8-dimethyl-2H,8H-pyrano[6,5-h]quinoline-2-one and related compounds. <b>1999</b> , 9, 713-6  | 11  |
| 741 | Antitumor agents 200. Cytotoxicity of naturally occurring resveratrol oligomers and their acetate derivatives. <b>1999</b> , 9, 3057-60  | 94  |
| 740 | Antitumor agents 201. Cytotoxicity of harmine and beta-carboline analogs. <b>1999</b> , 9, 3319-24   | 134 |
| 739 | Palladium and platinum dithiocarbamate complexes containing mono- and diamines. <b>1999</b> , 18, 2827-2837  | 16  |
| 738 | The flavonoid galangin is an inhibitor of CYP1A1 activity and an agonist/antagonist of the aryl hydrocarbon receptor. <b>1999</b> , 79, 1340-6   | 112 |
| 737 | Modulation of proliferation and chemosensitivity by procathepsin D and its peptides in ovarian cancer. <b>1999</b> , 74, 181-7   | 22  |
| 736 | Studies on the synthesis and in vitro antitumor activity of the isoquinolone derivatives. <b>1999</b> , 22, 179-83   | 4   |
| 735 | In vitro influence of lectins and neoglycoconjugates on the growth of three human sarcoma cell lines. <b>1999</b> , 125, 275-85  | 15  |
| 734 | Parabolic growth patterns in 96-well plate cell growth experiments. <b>1999</b> , 35, 270-8  | 18  |
| 733 | Folic acid-enhanced synergy for the combination of trimetrexate plus the glycinamide ribonucleotide formyltransferase inhibitor 4-[2-(2-amino-4-oxo-4,6,7,8-tetrahydro-3H-pyrimidino[5,4,6][1,4]thiazin-6-yl)-(S)-ethyl]-2,5-thienoylamino-L-glutamic acid (AG2034): comparison across sensitive and | 13  |
| 732 | Synthesis, characterization and DNA modification induced by a novel Pt(IV)-bis(monoglutarate) complex which induces apoptosis in glioma cells. <b>1999</b> , 117, 99-115   | 21  |
| 731 | Comparison between the clonogenic, MTT, and SRB assays for determining radiosensitivity in a panel of human bladder cancer cell lines and a ureteral cell line. <b>1999</b> , 7, 77-85   | 45  |
| 730 | Paullones, a series of cyclin-dependent kinase inhibitors: synthesis, evaluation of CDK1/cyclin B inhibition, and in vitro antitumor activity. <b>1999</b> , 42, 2909-19   | 275 |
| 729 | Polyamine synthesis and transport inhibition in a human anaplastic thyroid carcinoma cell line in vitro and as xenograft tumors. <b>1999</b> , 9, 805-14   | 8   |
| 728 | Inhibition of P-glycoprotein activity and reversal of multidrug resistance in vitro by rosemary extract. <b>1999</b> , 35, 1541-5  | 73  |
| 727 | Sulphorhodamine B assay for measuring proliferation of a pigmented melanocyte cell line and its application to the evaluation of crude drugs used in the treatment of vitiligo. <b>1999</b> , 66, 141-50   | 55  |
| 726 | Antiproliferative and cytotoxic effects of prenylated flavonoids from hops ( <i>Humulus lupulus</i> ) in human cancer cell lines. <b>1999</b> , 37, 271-85   | 313 |
| 725 | Antitumor activity of four macrocyclic ellagitannins from <i>Cuphea hyssopifolia</i> . <b>1999</b> , 140, 195-200  | 38  |

|     |   |     |
|-----|---|-----|
| 724 | Substitution at the F-ring N-imide of the indolocarbazole antitumor drug NB-506 increases the cytotoxicity, DNA binding, and topoisomerase I inhibition activities. <b>1999</b> , 42, 2927-35   | 35  |
| 723 | Antitumor agents. 194. Synthesis and biological evaluations of 4-beta-mono-, -di-, and -trisubstituted aniline-4'-O-demethyl-podophyllotoxin and related compounds with improved pharmacological profiles. <b>1999</b> , 42, 2441-6       | 54  |
| 722 | Total Synthesis of (10R)- and (10S)-Corossolin: Determination of the Stereochemistry at C-10 of the Natural Corossolin and the Differential Toxicity toward Cancer Cells Caused by the Configuration at C-10. <b>1999</b> , 64, 2440-2445 | 21  |
| 721 | Antitumor and antiviral activity of Colombian medicinal plant extracts. <b>1999</b> , 94, 531-5   | 74  |
| 720 | Characterization of human lung cancer cells resistant to 4'-O-demethyl-4beta-(2"-nitro-4"-fluoroanilino)-4-desoxypodophyllotoxin, a unique compound in the epipodophyllotoxin antitumor class. <b>2000</b> , 11, 19-28                    | 4   |
| 719 | Induction of apoptosis by mifepristone and tamoxifen in human LNCaP prostate cancer cells in culture. <b>2000</b> , 43, 31-42   | 66  |
| 718 | Prior heat stress improves survival of ischemic-reperfused skeletal muscle in vivo. <b>2000</b> , 23, 1847-55   | 40  |
| 717 | Design and synthesis of functionalized glycomers as non-peptidic ligands for SH2 binding and as inhibitors of A-431 human epidermoid and HT-29 colon carcinoma cell lines. <b>2000</b> , 10, 439-42                                       | 16  |
| 716 | The first synthesis of clausenamine-A and cytotoxic activities of three biscarbazole analogues against cancer cells. <b>2000</b> , 10, 1021-3   | 26  |
| 715 | Synthesis and cytotoxicity of 2-methyl-1-substituted-imidazo [4,5-g]quinoline-4,9-dione and 7,8-dihydro-10H-[1,4]oxazino[3',4':2,3]imidazo[4,5-g]quinoline-5,12-dione derivatives. <b>2000</b> , 8, 2079-83                               | 20  |
| 714 | Paclitaxel esters of malic acid as prodrugs with improved water solubility. <b>2000</b> , 8, 427-32   | 39  |
| 713 | Cytotoxic effects of cantharidin on the growth of normal and carcinoma cells. <b>2000</b> , 147, 77-87  | 60  |
| 712 | Synthesis and cytotoxic evaluation of N1,Nm-bis[(tetrahydrobenzo[a]acridin-12-yl)phenyl]alkanediamides and N1,Nm-bi. <b>2000</b> , 55, 631-6  | 9   |
| 711 | Characterization of MLH1 and MSH2 DNA mismatch repair proteins in cell lines of the NCI anticancer drug screen. <b>2000</b> , 46, 507-16  | 72  |
| 710 | CYP isoform induction screening in 96-well plates: use of 7-benzyloxy-4-trifluoromethylcoumarin as a substrate for studies with rat hepatocytes. <b>2000</b> , 30, 781-95   | 26  |
| 709 | Synergism of cytotoxic effects of vinorelbine and paclitaxel in vitro. <b>2000</b> , 18, 695-701  | 34  |
| 708 | Cell viability and growth in a battery of human breast cancer cell lines exposed to 60 Hz magnetic fields. <b>2000</b> , 153, 725-8   | 19  |
| 707 | Cytotoxic, hepatoprotective and free radical scavenging effects of propolis from Brazil, Peru, the Netherlands and China. <b>2000</b> , 72, 239-46  | 164 |



|     |  |     |     |
|-----|--|-----|-----|
| 706 | Cuphiin D1, the macrocyclic hydrolyzable tannin induced apoptosis in HL-60 cell line. <b>2000</b> , 149, 77-83   |     | 24  |
| 705 | The role of phosphatidylinositide-3-kinase in basal mitogen-activated protein kinase activity and cell survival. <b>2000</b> , 465, 69-73  |     | 16  |
| 704 | Anti-HIV agents 45(1) and antitumor agents 205.(2) two new sesquiterpenes, leitneridanins A and B, and the cytotoxic and anti-HIV principles from <i>Leitneria floridana</i> . <i>Journal of Natural Products</i> , <b>2000</b> , 63, 1712-5 | 4-9 | 43  |
| 703 | Induction of gene expression as a monitor of exposure to ionizing radiation. <b>2001</b> , 156, 657-61   |     | 126 |
| 702 | Eleven novel diarylheptanoids and two unusual diarylheptanoid derivatives from the seeds of <i>Alpinia blepharocalyx</i> . <i>Journal of Natural Products</i> , <b>2001</b> , 64, 208-13   | 4-9 | 62  |
| 701 | Triterpene saponins from Vietnamese ginseng ( <i>Panax vietnamensis</i> ) and their hepatocytoprotective activity. <i>Journal of Natural Products</i> , <b>2001</b> , 64, 456-61   | 4-9 | 64  |
| 700 | Cytotoxic mechanism of XK469: resistance of topoisomerase IIbeta knockout cells and inhibition of topoisomerase I. <b>2001</b> , 280, 1155-60  |     | 19  |
| 699 | Expression and potential role of Fas-associated phosphatase-1 in ovarian cancer. <b>2001</b> , 158, 1335-44  |     | 61  |
| 698 | Effects and expression of TRAIL and its apoptosis-promoting receptors in human pancreatic cancer. <b>2001</b> , 163, 71-81   |     | 75  |
| 697 | Physiological function as regulation of large transcriptional programs: the cellular response to genotoxic stress. <b>2001</b> , 129, 703-10   |     | 38  |
| 696 | Five novel highly oxygenated diterpenes of <i>Orthosiphon stamineus</i> from Myanmar. <i>Journal of Natural Products</i> , <b>2001</b> , 64, 592-6   | 4-9 | 39  |
| 695 | Additional bioactive Lyso-PAF congeners from the sponge <i>Spirastrella abata</i> . <i>Journal of Natural Products</i> , <b>2001</b> , 64, 533-5   | 4-9 | 23  |
| 694 | Six new diarylheptanoids from the seeds of <i>Alpinia blepharocalyx</i> . <i>Journal of Natural Products</i> , <b>2001</b> , 64, 289-93  | 4-9 | 72  |
| 693 | New spirostanol steroids and steroidal saponins from roots and rhizomes of <i>Dracaena angustifolia</i> and their antiproliferative activity. <i>Journal of Natural Products</i> , <b>2001</b> , 64, 1127-32                                 | 4-9 | 49  |
| 692 | Potent in vitro anticancer activities of ring-expanded ("fat") nucleosides containing the imidazo[4,5-e][1,3]diazepine ring system. <b>2001</b> , 20, 1043-5   |     | 7   |
| 691 | Blepharocalyxins C-E, three new dimeric diarylheptanoids, and related compounds from the seeds of <i>Alpinia blepharocalyx</i> . <i>Journal of Natural Products</i> , <b>2001</b> , 64, 491-6  | 4-9 | 63  |
| 690 | Methyl protogracillin (NSC-698792): the spectrum of cytotoxicity against 60 human cancer cell lines in the National Cancer Institute's anticancer drug screen panel. <b>2001</b> , 12, 541-7   |     | 16  |
| 689 | Antiproliferative activity of diarylheptanoids from the seeds of <i>Alpinia blepharocalyx</i> . <b>2001</b> , 24, 525-8  |     | 47  |

|     |   |     |     |
|-----|---|-----|-----|
| 688 | Structure-activity relationship studies of isoquinolinone type anticancer agent. <b>2001</b> , 24, 276-80   |     | 7   |
| 687 | Camelliin B induced apoptosis in HeLa cell line. <b>2001</b> , 168, 231-40  |     | 15  |
| 686 | A novel bridged stilbenoid trimer and four highly condensed stilbenoid oligomers in <i>Vatica rassak</i> . <b>2001</b> , 57, 7309-7321  |     | 63  |
| 685 | A new resveratrol octamer, vateriaphenol A, in <i>Vateria indica</i> . <b>2001</b> , 42, 5909-5912  |     | 29  |
| 684 | Anti-HIV and cytotoxic activities of Ru(II)/Ru(III) polypyridyl complexes containing 2,6-(2'-benzimidazolyl)-pyridine/chalcone as co-ligand. <b>2001</b> , 9, 1667-71                         |     | 61  |
| 683 | Synthesis, DNA cleavage, and cytotoxicity of a series of bis(propargylic) sulfone crown ethers. <b>2001</b> , 9, 2809-18  |     | 24  |
| 682 | Synthesis of pyridino[2,3-f]indole-4,9-dione and 6,7-disubstituted quinoline-5,8-dione derivatives and evaluation on their cytotoxic activity. <b>2001</b> , 9, 2979-86                       |     | 14  |
| 681 | In vitro preclinical models for a rational design of chemotherapy combinations in human tumors. <b>2001</b> , 37, 69-82   |     | 58  |
| 680 | Suppressors of cancer cell proliferation from fig ( <i>Ficus carica</i> ) resin: isolation and structure elucidation. <i>Journal of Natural Products</i> , <b>2001</b> , 64, 993-6            | 4-9 | 126 |
| 679 | Simple isoquinoline and benzylisoquinoline alkaloids as potential antimicrobial, antimalarial, cytotoxic, and anti-HIV agents. <b>2001</b> , 9, 2871-84                                       |     | 103 |
| 678 | Antitumor agents 210. Synthesis and evaluation of taxoid-epipodophyllotoxin conjugates as novel cytotoxic agents. <b>2001</b> , 9, 2999-3004  |     | 41  |
| 677 | Enhanced suicide gene effect by adenoviral transduction of a VP22-cytosine deaminase (CD) fusion gene. <b>2001</b> , 8, 1654-64   |     | 58  |
| 676 | Synthesis and antitumor evaluation of 6-thioxo-, 6-oxo- and 2,4-dioxypyrimidine derivatives. <b>2001</b> , 56, 741-8  |     | 22  |
| 675 | Fibrocytes induce an angiogenic phenotype in cultured endothelial cells and promote angiogenesis in vivo. <b>2001</b> , 15, 2215-24   |     | 224 |
| 674 | The anti-malarial artesunate is also active against cancer. <b>2001</b> , 18, 767-73  |     | 189 |
| 673 | Novel CFTR chloride channel activators identified by screening of combinatorial libraries based on flavone and benzoquinolinizinium lead compounds. <b>2001</b> , 276, 19723-8                |     | 169 |
| 672 | Telomeres and Telomerase. <b>2002</b> ,   |     |     |
| 671 | VIIa/tissue factor interaction results in a tissue factor cytoplasmic domain-independent activation of protein synthesis, p70, and p90 S6 kinase phosphorylation. <b>2002</b> , 277, 27065-72 |     | 41  |

|     |   |     |      |
|-----|---|-----|------|
| 670 | Resistance of MCF-7 cells to dimethylbenz(a)anthracene-induced apoptosis is due to reduced CYP1A1 expression. <b>2002</b> , 21, 385   |     | 0    |
| 669 | Physicochemical properties of CWJ-a-5, a new antitumor 3-arylisoquinoline derivative. <b>2002</b> , 28, 889-95  |     | 6    |
| 668 | Screening with COMPARE analysis for telomerase inhibitors. <b>2002</b> , 191, 197-207   |     | 2    |
| 667 | 15-Deoxy-delta12,14-prostaglandin J2-induced apoptosis does not require PPARgamma in breast cancer cells. <b>2002</b> , 43, 1818-28   |     | 82   |
| 666 | Effects of interferon beta on transcobalamin II-receptor expression and antitumor activity of nitrosylcobalamin. <i>Journal of the National Cancer Institute</i> , <b>2002</b> , 94, 1010-9                 | 9.7 | 45   |
| 665 | Cytotoxic and antiviral activities of Colombian medicinal plant extracts of the Euphorbia genus. <b>2002</b> , 97, 541-6  |     | 92   |
| 664 | Antiproliferative activity of Vietnamese medicinal plants. <b>2002</b> , 25, 753-60   |     | 88   |
| 663 | Constituents of Chinese propolis and their antiproliferative activities. <i>Journal of Natural Products</i> , <b>2002</b> , 65, 673-6   | 4.9 | 86   |
| 662 | Cytotoxic diarylheptanoids from the roots of <i>Juglans mandshurica</i> . <i>Journal of Natural Products</i> , <b>2002</b> , 65, 1707-8   | 4.9 | 76   |
| 661 | Isolation and synthesis of biologically active carbazole alkaloids. <b>2002</b> , 102, 4303-427   |     | 1098 |
| 660 | D-erythro-N,N-dimethylsphingosine inhibits bFGF-induced proliferation of cerebral, aortic and coronary smooth muscle cells. <b>2002</b> , 164, 237-43   |     | 20   |
| 659 | New isoflavone and triterpene glycosides from soybeans. <i>Journal of Natural Products</i> , <b>2002</b> , 65, 805-13   | 4.9 | 32   |
| 658 | A comparative study of genotoxic effects of anti-topoisomerase II drugs ICRF-193 and bufalin in Chinese hamster ovary cells. <b>2002</b> , 515, 171-80  |     | 14   |
| 657 | Antiproliferative activity of the Netherlands propolis and its active principles in cancer cell lines. <b>2002</b> , 80, 67-73  |     | 121  |
| 656 | The cytotoxicity of protoneodioscin (NSC-698789), a furostanol saponin from the rhizomes of <i>Dioscorea collettii</i> var. <i>hypoglauca</i> , against human cancer cells in vitro. <b>2002</b> , 9, 560-5 |     | 13   |
| 655 | Reduction of bFGF-induced smooth muscle cell proliferation and endothelin receptor mRNA expression by mevastatin and atorvastatin. <b>2002</b> , 64, 497-505  |     | 27   |
| 654 | Antitumor agents. Part 212. Bucidasins A-C, three new cytotoxic clerodane diterpenes from <i>Bucida buceras</i> . <b>2002</b> , 12, 345-8   |     | 30   |
| 653 | Solid-phase combinatorial synthesis and cytotoxicity of 3-aryl-2,4-quinazolindiones. <b>2002</b> , 10, 517-23   |     | 42   |

|     |  |     |     |
|-----|--|-----|-----|
| 652 | Antitumor agents. Part 209: Pheophorbide-a derivatives as photo-Independent cytotoxic agents. <b>2002</b> , 10, 583-91   |     | 46  |
| 651 | Synthesis and biological activities of fluorinated chalcone derivatives. <b>2002</b> , 10, 699-706   |     | 40  |
| 650 | Molecular modeling of 3-arylisquinoline antitumor agents active against A-549. A comparative molecular field analysis study. <b>2002</b> , 10, 2953-61                                 |     | 41  |
| 649 | Antitumor agents. Part 214: synthesis and evaluation of curcumin analogues as cytotoxic agents. <b>2002</b> , 10, 3481-7   |     | 121 |
| 648 | Norstaminane- and isopimarane-type diterpenes of <i>Orthosiphon stamineus</i> from Okinawa. <b>2002</b> , 58, 5503-5512  |     | 31  |
| 647 | Cytotoxic-antineoplastic activity of hydroquinone derivatives. <b>2002</b> , 37, 177-82  |     | 19  |
| 646 | Cytotoxic and antimalarial beta-carboline alkaloids from the roots of <i>Eurycoma longifolia</i> . <i>Journal of Natural Products</i> , <b>2003</b> , 66, 1324-7                       | 4.9 | 122 |
| 645 | Synthesis of new 3-arylisquinolinamines: effect on topoisomerase I inhibition and cytotoxicity. <b>2003</b> , 13, 4451-4   |     | 47  |
| 644 | DNA topoisomerases I and II inhibitory activity of constituents isolated from <i>Juglans mandshurica</i> . <b>2003</b> , 26, 466-70  |     | 33  |
| 643 | Comparison of the sulforhodamine B assay and the clonogenic assay for in vitro chemoradiation studies. <b>2003</b> , 51, 221-6   |     | 114 |
| 642 | In vitro cell growth pharmacodynamic studies: a new nonparametric approach to determining the relative importance of drug concentration and treatment time. <b>2003</b> , 52, 507-13   |     | 8   |
| 641 | Structural revision of sulfated polysaccharide B-1 isolated from a marine <i>Pseudomonas</i> species and its cytotoxic activity against human cancer cell lines. <b>2003</b> , 5, 13-9 |     | 39  |
| 640 | Inhibition of microtubule polymerization by 3-bromopropionylamino benzoylurea (JIMB01), a new cancericidal tubulin ligand. <b>2003</b> , 65, 1691-9                                    |     | 23  |
| 639 | Identification of gene expression profiles predicting tumor cell response to L-alanosine. <b>2003</b> , 66, 613-21   |     | 26  |
| 638 | DNA strand breaks induced by the anti-topoisomerase II bis-dioxopiperazine ICRF-193. <b>2003</b> , 530, 35-46  |     | 40  |
| 637 | Evaluation of (E)-2'-deoxy-2'-(fluoromethylene)cytidine on the 9L rat brain tumor model using MRI. <b>2003</b> , 16, 67-76   |     | 11  |
| 636 | Synthesis and cytotoxicity evaluation of pyridin[2,3-f]indole-2,4,9-trione and benz[f]indole-2,4,9-trione derivatives. <b>2003</b> , 11, 4791-6  |     | 25  |
| 635 | Antitumor agents. Part 226: synthesis and cytotoxicity of 2-phenyl-4-quinolone acetic acids and their esters. <b>2003</b> , 13, 2891-3   |     | 45  |

|     |  |     |     |
|-----|--|-----|-----|
| 634 | Synthesis and bioactivity of 4,10-dimethyl-pyridino[2,3-h]quinolin-2(1H)-one-9-carboxylic acid and its esters. <b>2003</b> , 11, 1031-4  |     | 10  |
| 633 | Synthesis and cytotoxicity of 6,11-dihydro-pyrido- and 6,11-dihydro-benzo[2,3-b]phenazine-6,11-dione derivatives. <b>2003</b> , 11, 1709-14  |     | 46  |
| 632 | Synthesis and cytotoxicity evaluation of 2-amino- and 2-hidroxy-3-ethoxycarbonyl-N-substituted-benzo[f]indole-4,9-dione derivatives. <b>2003</b> , 11, 1511-19   |     | 33  |
| 631 | The cytotoxicity of methyl protoneogracillin (NSC-698793) and gracillin (NSC-698787), two steroidal saponins from the rhizomes of <i>Dioscorea collettii</i> var. <i>hypoglauca</i> , against human cancer cells in vitro. <b>2003</b> , 17, 620-6 |     | 38  |
| 630 | Antitumor agents 216. Synthesis and evaluation of paclitaxel-camptothecin conjugates as novel cytotoxic agents. <b>2003</b> , 11, 1851-7   |     | 28  |
| 629 | Antitumor agents. 228. five new agarofurans, Reissantins A-E, and cytotoxic principles from <i>Reissantia buchananii</i> . <i>Journal of Natural Products</i> , <b>2003</b> , 66, 1416-20  | 4.9 | 70  |
| 628 | Constituents of the Vietnamese medicinal plant <i>Streptocaulon juvenas</i> and their antiproliferative activity against the human HT-1080 fibrosarcoma cell line. <i>Journal of Natural Products</i> , <b>2003</b> , 66, 1427-33                  | 4.9 | 34  |
| 627 | Evaluation of the first cytostatically active 1-aza-9-oxafluorenes as novel selective CDK1 inhibitors with P-glycoprotein modulating properties. <b>2003</b> , 46, 876-9   |     | 27  |
| 626 | Cytotoxic constituents of <i>Aspergillus terreus</i> from the rhizosphere of <i>Opuntia versicolor</i> of the Sonoran Desert. <i>Journal of Natural Products</i> , <b>2003</b> , 66, 1567-73   | 4.9 | 57  |
| 625 | Antitumor agents. 221.1 buceracidins A and B, two new flavanones from <i>Bucida buceras</i> . <i>Journal of Natural Products</i> , <b>2003</b> , 66, 125-7   | 4.9 | 14  |
| 624 | Acetogenins as selective inhibitors of the human ovarian 1A9 tumor cell line. <b>2003</b> , 46, 3185-8   |     | 48  |
| 623 | Inhibition of glycogen phosphorylase (GP) by CP-91,149 induces growth inhibition correlating with brain GP expression. <b>2003</b> , 309, 126-34   |     | 43  |
| 622 | The cytotoxicity of methyl protodioscin against human cancer cell lines in vitro. <b>2003</b> , 21, 389-93   |     | 54  |
| 621 | Molecular modes of action of artesunate in tumor cell lines. <b>2003</b> , 64, 382-94  |     | 362 |
| 620 | IFN-alpha2b and thalidomide synergistically inhibit tumor-induced angiogenesis. <b>2003</b> , 23, 3-10   |     | 26  |
| 619 | Cisplatin sensitivity in Hmbg1 <sup>-/-</sup> and Hmbg1 <sup>+/+</sup> mouse cells. <b>2003</b> , 278, 1769-73   |     | 33  |
| 618 | Development and use of a high-throughput bacterial DNA gyrase assay to identify mammalian topoisomerase II inhibitors with whole-cell anticancer activity. <b>2003</b> , 8, 157-63   |     | 9   |
| 617 | Role of antioxidant genes for the activity of artesunate against tumor cells. <b>2003</b> , 23, 1231   |     | 5   |

- 616 Induction of antiproliferation and apoptosis in estrogen receptor negative MDA-231 human breast cancer cells by mifepristone and 4-hydroxytamoxifen combination therapy: A role for TGF $\beta$ . **2003**, 23, 369 5
- 615 Thymidine and hypoxanthine protection patterns of the folic acid-enhanced synergies for combinations of trimetrexate plus a polyglutamylatable inhibitor of purine or thymidylate synthesis against human ileocecal HCT-8 cells. **2003**, 23, 401
- 614 The cytoprotective aminothiols WR1065 activates p53 through a non-genotoxic signaling pathway involving c-Jun N-terminal kinase. **2003**, 278, 11879-87 35
- 613 An antitumour lectin from the edible mushroom *Agrocybe aegerita*. **2003**, 374, 321-7 99
- 612 Four new diarylheptanoids from the roots of *Juglans mandshurica*. **2003**, 51, 262-4 58
- 611 Comparative molecular field analysis study of stilbene derivatives active against A549 lung carcinoma. **2003**, 51, 516-21 26
- 610 Antiproliferative activity of cardenolides isolated from *Streptocaulon juvenas*. **2003**, 26, 1431-5 22
- 609 Inhibition of NO production by highly-oxygenated diterpenes of *Orthosiphon stamineus* and their structure-activity relationship. **2003**, 26, 468-73 22
- 608 Melanin biosynthesis inhibitors from the bark of *Machilus thunbergii*. **2003**, 26, 1039-41 30
- 607 Nine new cytotoxic monotetrahydrofuranic Annonaceous acetogenins from *Annona montana*. **2004**, 70, 948-59 22
- 606 Steroidal saponins from *Myriopterion extensum* and their cytotoxic activity. **2004**, 70, 556-60 20
- 605 Microarray-based detection of multidrug resistance in human tumor cells by expression profiling of ATP-binding cassette transporter genes. **2004**, 64, 8987-93 190
- 604 Geldanamycin, a ligand of heat shock protein 90, inhibits the replication of herpes simplex virus type 1 in vitro. **2004**, 48, 867-72 62
- 603 Coagulation factors VIIa and Xa inhibit apoptosis and anoikis. **2004**, 23, 410-7 89
- 602 Oxidative stress response of tumor cells: microarray-based comparison between artemisinins and anthracyclines. **2004**, 68, 3-10 102
- 601 Cytotoxicity and DNA topoisomerase inhibitory activity of constituents from the sclerotium of *Poria cocos*. **2004**, 27, 829-33 47
- 600 Antitumor agents. Part 230: C4'-esters of GL-331 as cytotoxic agents and DNA topoisomerase II inhibitors. **2004**, 14, 2979-82 6
- 599 Cytotoxic and antimalarial constituents from the roots of *Eurycoma longifolia*. **2004**, 12, 537-44 117

|     |  |     |    |
|-----|--|-----|----|
| 598 | Synthesis and cytotoxicity evaluation of 6,11-dihydro-pyridazo- and 6,11-dihydro-pyrido[2,3-b]phenazine-6,11-diones. <b>2004</b> , 12, 1623-8  |     | 37 |
| 597 | Antitumor agents. Part 235: Novel 4'-ester etoposide analogues as potent DNA topoisomerase II inhibitors with improved therapeutic potential. <b>2004</b> , 12, 3363-9   |     | 3  |
| 596 | Antitumor agents. Part 227: Studies on novel 4'-O-demethyl-epipodophyllotoxins as antitumor agents targeting topoisomerase II. <b>2004</b> , 12, 3339-44   |     | 6  |
| 595 | Synthesis and antitumor activity of 4-hydroxycoumarin derivatives. <b>2004</b> , 14, 5527-31   |     | 80 |
| 594 | Kaurane and abietane diterpenoids from <i>Tripterygium doianum</i> (Celastraceae). <b>2004</b> , 65, 2071-6  |     | 29 |
| 593 | Antitumor agents. Part 232: Synthesis of cyclosulfite podophyllotoxin analogues as novel prototype antitumor agents. <b>2004</b> , 14, 1581-4  |     | 11 |
| 592 | Synthesis and biological evaluation of novel cytotoxic phospholipids for prostate cancer. <b>2004</b> , 14, 4919-23  |     | 16 |
| 591 | Synthesis and cytotoxic activity of novel derivatives of 4'-demethylepipodophyllotoxin. <b>2004</b> , 14, 5063-6   |     | 30 |
| 590 | New sesquiterpenes from <i>Capsicum annum</i> . <i>Journal of Natural Products</i> , <b>2004</b> , 67, 1893-6  | 4.9 | 33 |
| 589 | Aspochalasin I, J, and K: three new cytotoxic cytochalasins of <i>Aspergillus flavipes</i> from the rhizosphere of <i>Ericameria laricifolia</i> of the Sonoran Desert. <i>Journal of Natural Products</i> , <b>2004</b> , 67, 328-32 <sup>4.9</sup> |     | 65 |
| 588 | Montacin and cis-montacin, two new cytotoxic monotetrahydrofuran annonaceous acetogenins from <i>Annona montana</i> . <i>Journal of Natural Products</i> , <b>2004</b> , 67, 1804-8  | 4.9 | 20 |
| 587 | Antitumor agents. 234. Design, synthesis, and biological evaluation of novel 4beta-[(4'-benzamido)-amino]-4'-o-demethyl-epipodophyllotoxin derivatives. <b>2004</b> , 47, 5140-8   |     | 45 |
| 586 | Cytotoxic and other metabolites of <i>Aspergillus</i> inhabiting the rhizosphere of Sonoran desert plants. <i>Journal of Natural Products</i> , <b>2004</b> , 67, 1985-91  | 4.9 | 92 |
| 585 | Prenylated benzophenones and xanthenes from <i>Hypericum scabrum</i> . <i>Journal of Natural Products</i> , <b>2004</b> , 67, 1870-5   | 4.9 | 89 |
| 584 | Antiproliferative and phenotype-transforming antitumor agents derived from cysteine. <b>2004</b> , 47, 2984-94   |     | 34 |
| 583 | Synthesis and antitumor activity of quinonoid derivatives of cannabinoids. <b>2004</b> , 47, 3800-6  |     | 79 |
| 582 | Antitumor agents. 233. Lantalucratins A-F, new cytotoxic naphthoquinones from <i>Lantana involucrata</i> . <i>Journal of Natural Products</i> , <b>2004</b> , 67, 990-3  | 4.9 | 19 |
| 581 | Oxidative stress response of tumor cells: microarray-based comparison between artemisinins and anthracyclines. <b>2004</b> , 68, 3-3   |     |    |

|     |   |     |
|-----|---|-----|
| 580 | Anticancer Drug Development Guide. <b>2004</b> ,  | 18  |
| 579 | Cytotoxic effects of violacein in human uveal melanoma cell lines. <b>2004</b> , 14, 421-4  | 28  |
| 578 | Lignans from the bark of <i>Machilus thunbergii</i> and their DNA topoisomerases I and II inhibition and cytotoxicity. <b>2004</b> , 27, 1147-50  | 33  |
| 577 | Structure-activity relationship of oleanane disaccharides isolated from <i>Akebia quinata</i> versus cytotoxicity against cancer cells and NO inhibition. <b>2004</b> , 27, 744-7         | 62  |
| 576 | Three new podocarpane-type diterpenoids from callus of <i>Securinega suffruticosa</i> . <b>2005</b> , 53, 1610-2  | 17  |
| 575 | Benzopyrans from <i>Curvularia</i> sp., an endophytic fungus associated with <i>Ocotea corymbosa</i> (Lauraceae). <b>2005</b> , 66, 2363-7  | 39  |
| 574 | Antitumor agents 243. Syntheses and cytotoxicity of desmosdumotin C derivatives. <b>2005</b> , 13, 2325-30  | 14  |
| 573 | Cancer preventive agents, Part 2: Synthesis and evaluation of 2-phenyl-4-quinolone and 9-oxo-9,10-dihydroacridine derivatives as novel antitumor promoters. <b>2005</b> , 13, 4396-401    | 37  |
| 572 | Novel cytotoxic monotetrahydrofuranic Annonaceous acetogenins from <i>Annona montana</i> . <b>2005</b> , 13, 4767-76  | 27  |
| 571 | Identification of antitumor activity of pyrazole oxime ethers. <b>2005</b> , 15, 3307-12  | 251 |
| 570 | Potential antitumor agents: flavones and their derivatives from <i>Linaria reflexa</i> Desf. <b>2005</b> , 15, 4757-60  | 40  |
| 569 | Effects of creatine treatment on survival and differentiation of GABA-ergic neurons in cultured striatal tissue. <b>2005</b> , 95, 33-45  | 43  |
| 568 | Breast cancer resistance protein-mediated topotecan resistance in ovarian cancer cells. <b>2005</b> , 15, 1042-8  | 16  |
| 567 | Antiviral therapeutic efficacy of foscarnet in hepatitis B virus infection. <b>2005</b> , 68, 147-53  | 13  |
| 566 | Biotransformation of chinensiolide B and the cytotoxic activities of the transformed products. <b>2005</b> , 33, 87-91  | 15  |
| 565 | Phillinopside A, a novel marine-derived compound possessing dual anti-angiogenic and anti-tumor effects. <b>2005</b> , 114, 843-53  | 85  |
| 564 | Preparation of cells cultured on silicon wafers for mass spectrometry analysis. <b>2005</b> , 66, 248-58  | 19  |
| 563 | Mixed-ligand Ru(II) complexes with 2,2'-bipyridine and aryldiazo-beta-diketonato auxillary ligands: synthesis, physico-chemical study and antitumour properties. <b>2005</b> , 99, 1113-8 | 16  |



|     |  |        |
|-----|--|--------|
| 562 | The chemistry and biology of antimetabolic chalcones and related enone systems. <b>2005</b> , 11, 1679-93  | 78     |
| 561 | DIMSCAN: a microcomputer fluorescence-based cytotoxicity assay for preclinical testing of combination chemotherapy. <b>2005</b> , 110, 139-53  | 45     |
| 560 | An overview of chemosensitivity testing. <b>2005</b> , 110, 3-18   | 10     |
| 559 | Four new benzofurans from seeds of <i>Styrax perkinsiae</i> . <b>2005</b> , 71, 847-51   | 28     |
| 558 | Novel cadinane and norcadinane sesquiterpenes and a new propanoate from <i>Goldfussia psilostachys</i> . <b>2005</b> , 71, 1081-4  | 7      |
| 557 | Proliferation of endothelial and tumor epithelial cells by progestin-induced vascular endothelial growth factor from human breast cancer cells: paracrine and autocrine effects. <b>2005</b> , 146, 3632-41        | 61     |
| 556 | Suppression of DNA methyltransferase 1 levels in head and neck squamous carcinoma cells using small interfering RNA results in growth inhibition and increase in Cdk inhibitor p21. <b>2005</b> , 26, 757          |        |
| 555 | Growth inhibition of head and neck squamous carcinoma cells by small interfering RNAs targeting eIF4E or cyclin D1 alone or combined with cisplatin. <b>2005</b> , 4, 318-23                                       | 49     |
| 554 | Chemosensitivity. <b>2005</b> ,  | 1      |
| 553 | Synthesis of Novel Spin-Labeled Derivatives of Podophyllotoxin as Potential Antineoplastic Agents. <b>2005</b> , 35, 2749-2758   | 17     |
| 552 | Iso-, nor-, and dinor-spiculoic acids A, polyketides from the marine sponge <i>Plakortis zyggompha</i> . <i>Journal of Natural Products</i> , <b>2005</b> , 68, 547-9  | 4-9 19 |
| 551 | Endoreduplication induced in cultured Chinese hamster cells by different anti-topoisomerase II chemicals. Evidence for the essential contribution of the enzyme to chromosome segregation. <b>2005</b> , 582, 11-9 | 12     |
| 550 | Induction of genotoxic and cytotoxic damage by aclarubicin, a dual topoisomerase inhibitor. <b>2005</b> , 583, 26-35   | 26     |
| 549 | Sulforhodamine B assay and chemosensitivity. <b>2005</b> , 110, 39-48  | 90     |
| 548 | Tetrazolium dyes as tools in cell biology: new insights into their cellular reduction. <b>2005</b> , 11, 127-52  | 1310   |
| 547 | Evaluation of hepatocellular carcinoma models for preclinical studies. <b>2005</b> , 2, 41-49  | 3      |
| 546 | Globosumones A-C, cytotoxic orsellinic acid esters from the Sonoran desert endophytic fungus <i>Chaetomium globosum</i> . <i>Journal of Natural Products</i> , <b>2005</b> , 68, 724-8                             | 4-9 92 |
| 545 | Antioxidant and cytotoxic activities of methanolic extract and fractions from <i>Senecio gibbosus</i> subsp. <i>gibbosus</i> (GUSS) DC. <b>2006</b> , 20, 805-12   | 23     |

|     |  |     |      |
|-----|--|-----|------|
| 544 | A novel butenoate derivative from <i>Aspergillus niger</i> . <b>2006</b> , 20, 573-7   |     |      |
| 543 | An anti-estrogenic lignan glycoside, tracheloside, from seeds of <i>Carthamus tinctorius</i> . <b>2006</b> , 70, 2783-5  |     | 26   |
| 542 | A cannabinoid quinone inhibits angiogenesis by targeting vascular endothelial cells. <b>2006</b> , 70, 51-9  |     | 59   |
| 541 | Chaetocochins A-C, epipolythiodioxopiperazines from <i>Chaetomium cochliodes</i> . <i>Journal of Natural Products</i> , <b>2006</b> , 69, 1374-6   | 4.9 | 60   |
| 540 | Biological properties of different extracts of two <i>Senecio</i> species. <b>2006</b> , 57, 1-8   |     | 20   |
| 539 | Miliusanes, a class of cytotoxic agents from <i>Miliusa sinensis</i> . <b>2006</b> , 49, 693-708   |     | 27   |
| 538 | Search for Hsp90 inhibitors with potential anticancer activity: isolation and SAR studies of radicicol and monocillin I from two plant-associated fungi of the Sonoran desert. <i>Journal of Natural Products</i> , <b>2006</b> , 69, 178-84 | 4.9 | 127  |
| 537 | Tripfordines A-C, sesquiterpene pyridine alkaloids from <i>Tripterygium wilfordii</i> , and structure anti-HIV activity relationships of <i>Tripterygium</i> alkaloids. <i>Journal of Natural Products</i> , <b>2006</b> , 69, 1271-4        | 4.9 | 65   |
| 536 | Rautandiols A and B, pterocarpan and cytotoxic constituents from <i>Neorautanenia mitis</i> . <i>Journal of Natural Products</i> , <b>2006</b> , 69, 397-9   | 4.9 | 26   |
| 535 | Design, synthesis, potency, and cytoselectivity of anticancer agents derived by parallel synthesis from alpha-aminosuberic acid. <b>2006</b> , 49, 7611-22   |     | 58   |
| 534 | In-vitro toxicity of Ukrain against human Ewing tumor cell lines. <b>2006</b> , 17, 1025-30  |     | 10   |
| 533 | Biodiversity as a source of anticancer drugs. <b>2006</b> , 7, 265-77  |     | 109  |
| 532 | The effect of blue light exposure and use of intraocular lenses on human uveal melanoma cell lines. <b>2006</b> , 16, 537-41   |     | 33   |
| 531 | Sulforhodamine B colorimetric assay for cytotoxicity screening. <b>2006</b> , 1, 1112-6  |     | 2193 |
| 530 | The NCI60 human tumour cell line anticancer drug screen. <b>2006</b> , 6, 813-23   |     | 1805 |
| 529 | Ubiquitin and ubiquitin-like proteins in cancer pathogenesis. <b>2006</b> , 6, 776-88  |     | 330  |
| 528 | Drug discovery in the ubiquitin-proteasome system. <b>2006</b> , 5, 596-613  |     | 468  |
| 527 | Microarray expression profiles of angiogenesis-related genes predict tumor cell response to artemisinin. <b>2006</b> , 6, 269-78   |     | 102  |

|     |   |     |     |
|-----|---|-----|-----|
| 526 | Antitumor agents 251: synthesis, cytotoxic evaluation, and structure-activity relationship studies of phenanthrene-based tylophorine derivatives (PBTs) as a new class of antitumor agents. <b>2006</b> , 14, 6560-9  |     | 72  |
| 525 | Synthesis and preliminary biological evaluation of beta-carotene and retinoic acid oxidation products. <b>2006</b> , 14, 7875-9   |     | 7   |
| 524 | Cytotoxic Alangium alkaloids from Alangium longiflorum. <b>2006</b> , 67, 894-7   |     | 11  |
| 523 | Aromatic compounds produced by Periconia atropurpurea, an endophytic fungus associated with Xylopa aromatica. <b>2006</b> , 67, 2686-90   |     | 49  |
| 522 | Antitumor agents. 250. Design and synthesis of new curcumin analogues as potential anti-prostate cancer agents. <b>2006</b> , 49, 3963-72   |     | 142 |
| 521 | Dehydrozingerone, chalcone, and isoeugenol analogues as in vitro anticancer agents. <i>Journal of Natural Products</i> , <b>2006</b> , 69, 1445-9   | 4.9 | 64  |
| 520 | Cytotoxicity and DNA topoisomerase inhibitory activity of constituents isolated from the fruits of Evodia officinalis. <b>2006</b> , 29, 541-7  |     | 28  |
| 519 | A new stilbene glucoside from the roots of Polygonum multiflorum Thunb. <b>2006</b> , 29, 946-51  |     | 29  |
| 518 | GDNF family ligands display distinct action profiles on cultured GABAergic and serotonergic neurons of rat ventral mesencephalon. <b>2006</b> , 1069, 104-12  |     | 45  |
| 517 | Cisplatin-induced endoreduplication in CHO cells: DNA damage and inhibition of topoisomerase II. <b>2006</b> , 599, 160-6   |     | 17  |
| 516 | Dramatic synergistic anticancer effect of clinically achievable doses of lovastatin and troglitazone. <b>2006</b> , 118, 773-9  |     | 56  |
| 515 | Molecular pharmacology and pharmacogenomics of artemisinin and its derivatives in cancer cells. <b>2006</b> , 7, 407-21   |     | 218 |
| 514 | Lupane triterpenoids and a diarylheptanoid from Clematoclethra actinidioides. <b>2006</b> , 72, 180-3   |     | 9   |
| 513 | SU14813: a novel multiple receptor tyrosine kinase inhibitor with potent antiangiogenic and antitumor activity. <i>Molecular Cancer Therapeutics</i> , <b>2006</b> , 5, 1774-82                                       | 6.1 | 86  |
| 512 | Bioactive extracts from Senecio samnitum Huet. <b>2006</b> , 20, 265-9  |     | 14  |
| 511 | Expression profiling of ATP-binding cassette transporters in childhood T-cell acute lymphoblastic leukemia. <i>Molecular Cancer Therapeutics</i> , <b>2006</b> , 5, 1986-94   | 6.1 | 57  |
| 510 | Zinagrandinolides A-C, cytotoxic delta-elemanolide-type sesquiterpene lactones from Zinnia grandiflora. <i>Journal of Natural Products</i> , <b>2006</b> , 69, 1820-2   | 4.9 | 14  |
| 509 | The combi-targeting concept: in vitro and in vivo fragmentation of a stable combi-nitrosourea engineered to interact with the epidermal growth factor receptor while remaining DNA reactive. <b>2007</b> , 13, 331-40 |     | 22  |

|     |  |     |     |
|-----|--|-----|-----|
| 508 | A fluorescence microplate cytotoxicity assay with a 4-log dynamic range that identifies synergistic drug combinations. <i>Molecular Cancer Therapeutics</i> , <b>2007</b> , 6, 886-97  | 6.1 | 90  |
| 507 | Cytotoxic activity of antioxidant constituents from <i>Hypericum triquetrifolium</i> Turra. <b>2007</b> , 21, 42-6   |     | 22  |
| 506 | Role of transferrin receptor and the ABC transporters ABCB6 and ABCB7 for resistance and differentiation of tumor cells towards artesunate. <b>2007</b> , 2, e798  |     | 78  |
| 505 | Re-activation of the p53 pathway inhibits in vivo and in vitro growth of hormone-dependent human breast cancer cells. <b>2007</b> ,  |     | 1   |
| 504 | Characterization of a clonal isolate of an oxaliplatin resistant ovarian carcinoma cell line A2780/C10. <b>2007</b> , 245, 195-204   |     | 9   |
| 503 | Antiproliferative effect of <i>Erycibe elliptilimba</i> on human breast cancer cell lines. <b>2007</b> , 110, 439-43   |     | 21  |
| 502 | HU-331, a novel cannabinoid-based anticancer topoisomerase II inhibitor. <i>Molecular Cancer Therapeutics</i> , <b>2007</b> , 6, 173-83  | 6.1 | 52  |
| 501 | Cytotoxic and Antihaptotactic beauvericin analogues from precursor-directed biosynthesis with the insect pathogen <i>Beauveria bassiana</i> ATCC 7159. <i>Journal of Natural Products</i> , <b>2007</b> , 70, 1467-71  | 4.9 | 60  |
| 500 | Uncovering biosynthetic potential of plant-associated fungi: effect of culture conditions on metabolite production by <i>Paraphaeosphaeria quadrisepitata</i> and <i>Chaetomium chiversii</i> . <i>Journal of Natural Products</i> , <b>2007</b> , 70, 1939-45 | 4.9 | 97  |
| 499 | Antitumor agents 253. Design, synthesis, and antitumor evaluation of novel 9-substituted phenanthrene-based tylophorine derivatives as potential anticancer agents. <b>2007</b> , 50, 3674-80  |     | 68  |
| 498 | Design, synthesis, and biological evaluation of novel spin-labeled derivatives of podophyllotoxin as potential antineoplastic agents. Part XII. <b>2007</b> , 21, 998-1008   |     | 9   |
| 497 | Sorbifolivaltrates A-D, diene valepotriates from <i>Valeriana sorbifolia</i> (1). <i>Journal of Natural Products</i> , <b>2007</b> , 70, 2045-8  | 4.9 | 26  |
| 496 | Heptaketides from <i>Corynespora</i> sp. inhabiting the cavern beard lichen, <i>Usnea cavernosa</i> : first report of metabolites of an endolichenic fungus. <i>Journal of Natural Products</i> , <b>2007</b> , 70, 1700-5                                     | 4.9 | 87  |
| 495 | Search for cell motility and angiogenesis inhibitors with potential anticancer activity: beauvericin and other constituents of two endophytic strains of <i>Fusarium oxysporum</i> . <i>Journal of Natural Products</i> , <b>2007</b> , 70, 227-32             | 4.9 | 144 |
| 494 | Cytotoxic activity of some natural and synthetic ent-kauranes. <i>Journal of Natural Products</i> , <b>2007</b> , 70, 347-52   | 4.9 | 14  |
| 493 | 13 <sup>H</sup> hydroxylucilactaene and Other Metabolites of an Endophytic Strain of <i>Fusarium acuminatum</i> . <b>2007</b> , 2, 1934578X0700200   |     | 1   |
| 492 | Inhibition of eukaryotic translation initiation factor 5A (eIF5A) hypusination impairs melanoma growth. <b>2007</b> , 25, 109-14   |     | 48  |
| 491 | Generation of new landomycins with altered saccharide patterns through over-expression of the glycosyltransferase gene <i>lanGT3</i> in the biosynthetic gene cluster of landomycin A in <i>Streptomyces cyanogenus</i> S-136. <b>2007</b> , 8, 83-8           |     | 48  |

|     |   |     |
|-----|---|-----|
| 490 | Creatine treatment promotes differentiation of GABA-ergic neuronal precursors in cultured fetal rat spinal cord. <b>2007</b> , 85, 1863-75  | 20  |
| 489 | The marine sponge <i>Plakortis zyggompha</i> : a source of original bioactive polyketides. <b>2007</b> , 63, 2328-2334  | 15  |
| 488 | Design, docking, and synthesis of novel indeno[1,2-c]isoquinolines for the development of antitumor agents as topoisomerase I inhibitors. <b>2007</b> , 17, 3531-4  | 43  |
| 487 | Convenient synthesis of indeno[1,2-c]isoquinolines as constrained forms of 3-arylisoquinolines and docking study of a topoisomerase I inhibitor into DNA-topoisomerase I complex. <b>2007</b> , 17, 5763-7                        | 31  |
| 486 | Synthesis and cytotoxicity evaluation of substituted pyridazino[4,5-b]phenazine-5,12-diones and tri/tetra-azabenzofluorene-5,6-diones. <b>2007</b> , 42, 168-74   | 21  |
| 485 | Anti-tumor agents 255: novel glycyrrhetic acid-dehydrozingerone conjugates as cytotoxic agents. <b>2007</b> , 15, 6193-9  | 52  |
| 484 | Asperpyrone D and other metabolites of the plant-associated fungal strain <i>Aspergillus tubingensis</i> . <b>2007</b> , 68, 368-72   | 32  |
| 483 | Chemotherapy-induced resistance by ATP-binding cassette transporter genes. <b>2007</b> , 1775, 237-62   | 142 |
| 482 | Viability of a human melanoma cell after single and combined treatment with fotemustine, dacarbazine, and proton irradiation. <b>2007</b> , 1095, 154-64  | 6   |
| 481 | Cytotoxic and DNA topoisomerases I and II inhibitory constituents from the roots of <i>Aralia cordata</i> . <b>2007</b> , 30, 1404-9  | 17  |
| 480 | Jacaranone: a cytotoxic constituent from <i>Senecio ambiguus</i> subsp. <i>ambiguus</i> (biv.) DC. against renal adenocarcinoma ACHN and prostate carcinoma LNCaP cells. <b>2007</b> , 30, 701-7                                  | 36  |
| 479 | Cytotoxic constituents isolated from the fruit bodies of <i>Hypsizygus marmoreus</i> . <b>2007</b> , 30, 28-33  | 14  |
| 478 | Methods and goals for the use of in vitro and in vivo chemosensitivity testing. <b>2007</b> , 35, 185-97  | 55  |
| 477 | Platinum drug effects on the expression of genes in the polyamine pathway: time-course and concentration-effect analysis based on Affymetrix gene expression profiling of A2780 ovarian carcinoma cells. <b>2007</b> , 59, 711-23 | 19  |
| 476 | Imexon-based combination chemotherapy in A375 human melanoma and RPMI 8226 human myeloma cell lines. <b>2007</b> , 59, 749-57   | 12  |
| 475 | Antitumor agents 252. Application of validated QSAR models to database mining: discovery of novel tylophorine derivatives as potential anticancer agents. <b>2007</b> , 21, 97-112  | 76  |
| 474 | Topoisomerase I and II inhibitory constituents from the bark of <i>Tilia amurensis</i> . <b>2008</b> , 31, 1413-8   | 13  |
| 473 | Secondary Metabolites from the Fungus <i>Chaetomium brasiliense</i> . <b>2008</b> , 91, 124-129   | 28  |

|     |  |     |     |
|-----|--|-----|-----|
| 472 | Synthesis, structural characterization and cytotoxic activity of organotin derivatives of indomethacin. <b>2008</b> , 22, 171-176  |     | 16  |
| 471 | Lithium thiazolidine-4-carboxylate: synthesis, spectroscopic characterization and preliminary in vitro cytotoxic studies in human HeLa cells. <b>2008</b> , 71, 929-31   |     | 5   |
| 470 | Total synthesis of phenanthroindolizidine alkaloids (+/-)-antofine, (+/-)-deoxypergularinine, and their dehydro congeners and evaluation of their cytotoxic activity. <b>2008</b> , 16, 6233-41  |     | 32  |
| 469 | Synthesis of unsymmetrical biphenyls as potent cytotoxic agents. <b>2008</b> , 18, 5272-6  |     | 23  |
| 468 | Uptake of oleoyl-chitosan nanoparticles by A549 cells. <b>2008</b> , 4, 208-14   |     | 52  |
| 467 | The fluorometric microculture cytotoxicity assay. <b>2008</b> , 3, 1364-9  |     | 166 |
| 466 | Videomicroscopic extraction of specific information on cell proliferation and migration in vitro. <b>2008</b> , 314, 2985-98   |     | 41  |
| 465 | The high rate of endoreduplication in the repair deficient CHO mutant EM9 parallels a reduced level of methylated deoxycytidine in DNA. <b>2008</b> , 644, 24-30   |     | 1   |
| 464 | Efficient purification of the biosurfactant viscosin from <i>Pseudomonas libanensis</i> strain M9-3 and its physicochemical and biological properties. <i>Journal of Natural Products</i> , <b>2008</b> , 71, 1011-5                               | 4.9 | 69  |
| 463 | Mithramycin analogues generated by combinatorial biosynthesis show improved bioactivity. <i>Journal of Natural Products</i> , <b>2008</b> , 71, 199-207  | 4.9 | 47  |
| 462 | The in vitro biological activity of selected South African <i>Commiphora</i> species. <b>2008</b> , 119, 673-9   |     | 30  |
| 461 | Alternative UPS drug targets upstream the 26S proteasome. <b>2008</b> , 40, 1126-40  |     | 18  |
| 460 | Antiproliferative activity against human tumor cell lines and toxicity test on Mediterranean dietary plants. <b>2008</b> , 46, 3325-32   |     | 104 |
| 459 | Steroid saponins. <b>2008</b> , 89, 45-141   |     | 26  |
| 458 | Seaweed polysaccharides with anticancer potential. <b>2008</b> , 51,   |     | 13  |
| 457 | Nitric oxide production inhibitory activity of flavonoids contained in trunk exudates of <i>Dalbergia sissoo</i> . <i>Journal of Natural Products</i> , <b>2008</b> , 71, 98-101   | 4.9 | 36  |
| 456 | Lignans from the roots of <i>Saururus chinensis</i> . <i>Journal of Natural Products</i> , <b>2008</b> , 71, 1771-4  | 4.9 | 19  |
| 455 | Sesquiterpene quinones and related metabolites from <i>Phyllosticta spinarum</i> , a fungal strain endophytic in <i>Platyclusus orientalis</i> of the Sonoran Desert. <i>Journal of Natural Products</i> , <b>2008</b> , 71, 218-22 <sup>4.9</sup> |     | 63  |

|     |  |     |     |
|-----|--|-----|-----|
| 454 | Inhibition of IkappaB kinase-nuclear factor-kappaB signaling pathway by 3,5-bis(2-fluorobenzylidene)piperidin-4-one (EF24), a novel monoketone analog of curcumin. <b>2008</b> , 74, 654-61                                    |     | 135 |
| 453 | Phytochemistry and pharmacogenomics of natural products derived from traditional Chinese medicine and Chinese materia medica with activity against tumor cells. <i>Molecular Cancer Therapeutics</i> , <b>2008</b> , 7, 152-61 | 6.1 | 101 |
| 452 | Moromycins A and B, isolation and structure elucidation of C-glycosylangucycline-type antibiotics from <i>Streptomyces</i> sp. KY002. <i>Journal of Natural Products</i> , <b>2008</b> , 71, 1569-73                           | 4.9 | 28  |
| 451 | Characterization and biological studies of a new platinum(II) complex with the amino acid L-alliin. <b>2008</b> , 61, 2470-2477  |     | 13  |
| 450 | Identification of a small molecule with synthetic lethality for K-ras and protein kinase C iota. <b>2008</b> , 68, 7403-8  |     | 72  |
| 449 | N-(2,6-dimethoxypyridine-3-yl)-9-methylcarbazole-3-sulfonamide as a novel tubulin ligand against human cancer. <b>2008</b> , 14, 6218-27   |     | 29  |
| 448 | Targeting tissue factor-expressing tumor angiogenesis and tumors with EF24 conjugated to factor VIIa. <b>2008</b> , 16, 185-97   |     | 37  |
| 447 | Prediction of broad spectrum resistance of tumors towards anticancer drugs. <b>2008</b> , 14, 2405-12  |     | 132 |
| 446 | Synthesis and antitumor screening of novel 3-phenylthiazolo [4,5-d]pyrimidin-2-thione derivatives. <b>2008</b> , 58, 521-8   |     | 3   |
| 445 | Anticancer constituents from the roots of <i>Rubia cordifolia</i> L. <b>2008</b> , 56, 213-6   |     | 65  |
| 444 | Pharmacological Modulation of p53 Function in Cancer Therapy. <b>2008</b> , 3, 183-194   |     | 4   |
| 443 | Biotransformation of ingenol-3-angelate in four plant cell suspension cultures. <b>2009</b> , 27, 186-194  |     | 7   |
| 442 | The convenient synthesis and evaluation of the anticancer activities of new resveratrol derivatives. <b>2009</b> , 24, 328-36  |     | 4   |
| 441 | The role of downstream signaling pathways of the epidermal growth factor receptor for Artesunate's activity in cancer cells. <b>2009</b> , 9, 72-80  |     | 36  |
| 440 | Cytotoxic properties of root extract and fruit juice of <i>Trichosanthes cucumerina</i> . <b>2009</b> , 75, 839-42   |     | 50  |
| 439 | NVP-BEZ235, a novel dual phosphatidylinositol 3-kinase/mammalian target of rapamycin inhibitor, elicits multifaceted antitumor activities in human gliomas. <i>Molecular Cancer Therapeutics</i> , <b>2009</b> , 8, 2204-10    | 6.1 | 205 |
| 438 | Inhibiting JNK dephosphorylation and induction of apoptosis by novel anticancer agent NSC-741909 in cancer cells. <b>2009</b> , 284, 16948-16955   |     | 20  |
| 437 | Antiplasmodial and cytotoxic activity of isolated sesquiterpene lactones from the acetone leaf extract of <i>Vernonia colorata</i> . <b>2009</b> , 75, 176-179   |     | 27  |

|     |  |        |
|-----|--|--------|
| 436 | Regioselective acylation of 3-O-angeloylingenol by <i>Candida antarctica</i> Lipase B. <b>2009</b> , 80, 233-6   | 2      |
| 435 | Inactivation of the ketoreductase <i>gilU</i> gene of the <i>gilvocarcin</i> biosynthetic gene cluster yields new analogues with partly improved biological activity. <b>2009</b> , 10, 278-86   | 24     |
| 434 | Combinatorial mutasynthesis of scrambled beauvericins, cyclooligomer depsipeptide cell migration inhibitors from <i>Beauveria bassiana</i> . <b>2009</b> , 10, 345-54  | 34     |
| 433 | Estrogen regulation of thrombospondin-1 in human breast cancer cells. <b>2009</b> , 125, 1045-53   | 33     |
| 432 | In vitro assays for the evaluation of drug resistance in tumor cells. <b>2009</b> , 9, 1-7   | 42     |
| 431 | Cytotoxic activity induced by crude extracts of <i>Ganoderma lucidum</i> (W. Curt.: Fr.) P. Karst. on mouse myeloma cancer cell-line. <b>2009</b> , 25, 687-695  | 2      |
| 430 | Inhibition of DNA topoisomerases I and II and cytotoxicity by lignans from <i>Saururus chinensis</i> . <b>2009</b> , 32, 1409-15   | 29     |
| 429 | Characterization of kinase suppressor of Ras-1 expression and anticancer drug sensitivity in human cancer cell lines. <b>2009</b> , 63, 807-18   | 9      |
| 428 | Human leukocyte histocompatibility antigen class II-induced cytokines from human gingival fibroblasts promote proliferation of human umbilical vein endothelial cells: potential association with enhanced angiogenesis in chronic periodontal inflammation. <b>2009</b> , 44, 103-9 | 12     |
| 427 | Antiproliferative activity and QSAR study of copper(II) mixed chelate [Cu(N-N)(acetylacetonato)]NO <sub>3</sub> and [Cu(N-N)(glycinato)]NO <sub>3</sub> complexes, (Casiopelas). <b>2009</b> , 103, 299-309  | 141    |
| 426 | Cytotoxic activity, X-ray crystal structures and spectroscopic characterization of cobalt(II), copper(II) and zinc(II) coordination compounds with 2-substituted benzimidazoles. <b>2009</b> , 103, 1204-13  | 46     |
| 425 | Antimalarial sesquiterpene lactones from <i>Distephanus angulifolius</i> . <b>2009</b> , 70, 601-7   | 42     |
| 424 | Biological study and electrochemical characterization of Cu(II) and 1,8-bis-(2-pyridyl)-3,6-dithiooctane (pdto) complex. <b>2009</b> , 28, 1186-1190   | 6      |
| 423 | Total synthesis and anticancer activity of highly potent novel glycolipid derivatives. <b>2009</b> , 44, 3120-9  | 13     |
| 422 | Synthesis and discovery of pyrazole-5-carbohydrazide N-glycosides as inducer of autophagy in A549 lung cancer cells. <b>2009</b> , 17, 7085-92   | 54     |
| 421 | Structural modification of 3-arylisoquinolines to isoindolo[2,1-b]isoquinolinones for the development of novel topoisomerase 1 inhibitors with molecular docking study. <b>2009</b> , 19, 2551-4   | 50     |
| 420 | Molecular design, synthesis and docking study of benz[b]oxepines and 12-oxobenzo[c]phenanthridinones as topoisomerase 1 inhibitors. <b>2009</b> , 19, 2444-7   | 40     |
| 419 | Quassinoids from <i>Eurycoma longifolia</i> . <i>Journal of Natural Products</i> , <b>2009</b> , 72, 2135-40   | 4.9 35 |



|                 |   |        |
|-----------------|---|--------|
| 4 <sup>18</sup> | Synthesis of novel 2-alkoxy-3-amino-3-arylpropan-1-ols and 5-alkoxy-4-aryl-1,3-oxazinanes with antimalarial activity. <b>2009</b> , 52, 4058-62   | 45     |
| 4 <sup>17</sup> | Synthesis and Cytotoxic Activity of Coumarin Derivatives Containing Benzotriazole Moieties. <b>2009</b> , 184, 2655-2663  | 3      |
| 4 <sup>16</sup> | Design and synthesis of novel C14-hydroxyl substituted triptolide derivatives as potential selective antitumor agents. <b>2009</b> , 52, 5115-23  | 35     |
| 4 <sup>15</sup> | In vitro biocompatibility studies of antibacterial quaternary polymers. <b>2009</b> , 10, 2550-5  | 61     |
| 4 <sup>14</sup> | Cytotoxicity and mitotic alterations induced by non-genotoxic lithium salts in CHO cells in vitro. <b>2009</b> , 23, 432-8  | 6      |
| 4 <sup>13</sup> | Antiviral efficacy against hepatitis B virus replication of oleuropein isolated from <i>Jasminum officinale</i> L. var. <i>grandiflorum</i> . <b>2009</b> , 125, 265-8                    | 52     |
| 4 <sup>12</sup> | Chemical constituents from the aerial parts of <i>Artemisia minor</i> . <i>Journal of Natural Products</i> , <b>2009</b> , 72, 1198-201   | 4.9 38 |
| 4 <sup>11</sup> | Effects of fotemustine or dacarbazine on a melanoma cell line pretreated with therapeutic proton irradiation. <b>2009</b> , 28, 50  | 3      |
| 4 <sup>10</sup> | Comparative free radical scavenging potential and cytotoxicity of different extracts from <i>Iris pseudopumila</i> Tineo flowers and rhizomes. <b>2009</b> , 23, 17-25                    | 11     |
| 4 <sup>09</sup> | The mycotoxin ochratoxin A inhibits DNA topoisomerase II and induces polyploidy in cultured CHO cells. <b>2009</b> , 23, 1110-5   | 17     |
| 4 <sup>08</sup> | PRIMA-1 inhibits growth of breast cancer cells by re-activating mutant p53 protein. <b>2009</b> , 35, 1015-23   | 37     |
| 4 <sup>07</sup> | Assay Development for Cell Viability and Apoptosis for High- Throughput Screening. <b>2009</b> ,  |        |
| 4 <sup>06</sup> | The benzoylurea derivative F13 inhibits cell growth, migration and invasion through inducing expression of ERK1/2-mediated RECK in fibrosarcoma HT-1080 cells. <b>2010</b> , 21, 372-80   | 1      |
| 4 <sup>05</sup> | In-vitro antiproliferative effects on human tumour cell lines of extracts and jacaranone from <i>Senecio leucanthemifolius</i> Poiret. <b>2005</b> , 57, 897-901                          | 16     |
| 4 <sup>04</sup> | Advanced dynamic monitoring of cellular status using label-free and non-invasive cell-based sensing technology for the prediction of anticancer drug efficacy. <b>2010</b> , 398, 2505-33 | 25     |
| 4 <sup>03</sup> | Development of 3-aryl-1-isoquinolinamines as potent antitumor agents based on CoMFA. <b>2010</b> , 45, 5493-7   | 15     |
| 4 <sup>02</sup> | Synthesis and biological activities of flavolipids. <b>2010</b> , 66, 9107-9112   | 1      |
| 4 <sup>01</sup> | Inhibition of DNA topoisomerases I and II and cytotoxicity of compounds from <i>Ulmus davidiana</i> var. <i>japonica</i> . <b>2010</b> , 33, 1307-15                                      | 32     |

- 400 A concentration-dependent effect of ursodeoxycholate on apoptosis and caspases activities of HepG2 hepatocellular carcinoma cells. **2010**, 640, 1-7 20
- 399 Four New Alkaloids, Brevianamides O [R], from the Fungus *Aspergillus versicolor*. **2010**, 93, 2075-2080 21
- 398 New pentacoordinated Schiff-base diorganotin(IV) complexes derived from nonpolar side chain amino acids. **2010**, 695, 1189-1199 33
- 397 Cellular and molecular mechanisms of bromate-induced cytotoxicity in human and rat kidney cells. **2010**, 269, 13-23 32
- 396 Microwave assisted synthesis and in vitro cytotoxicities of substituted (Z)-2-amino-5-(1-benzyl-1H-indol-3-yl)methylene-1-methyl-1H-imidazol-4(5H)-ones against human tumor cell lines. **2010**, 20, 591-3 24
- 395 Synthesis and in vitro evaluation of N-alkyl-3-hydroxy-3-(2-imino-3-methyl-5-oxoimidazolidin-4-yl)indolin-2-one analogs as potential anticancer agents. **2010**, 20, 4468-71 32
- 394 Synthesis of novel oxime-containing pyrazole derivatives and discovery of regulators for apoptosis and autophagy in A549 lung cancer cells. **2010**, 20, 4766-70 74
- 393 Synthesis, in vitro and in vivo evaluation of 3-arylisquinolinamines as potent antitumor agents. **2010**, 20, 5277-81 19
- 392 Synthesis and biological evaluation of novel triptolide analogues for anticancer activity. **2010**, 20, 6217-21 23
- 391 Artemisinin-quinoline hybrid-dimers: synthesis and in vitro antiplasmodial activity. **2010**, 20, 6975-7 30
- 390 Synthesis and cytotoxicity evaluation of 1-[3-(9H-carbazol-4-yloxy)-2-hydroxypropyl]-3-aryl-1H-pyrazole-5-carboxylic acid derivatives. **2010**, 45, 4720-5 42
- 389 Synthesis, crystal structure and biological evaluation of novel 2-(5-(hydroxymethyl)-3-phenyl-1H-pyrazol-1-yl)-1-phenylethanol derivatives. **2010**, 45, 5792-9 14
- 388 Clinical outcome in children with recurrent neuroblastoma treated with ABT-751 and effect of ABT-751 on proliferation of neuroblastoma cell lines and on tubulin polymerization in vitro. **2010**, 54, 47-54 19
- 387 Oxaliplatin responses in colorectal cancer cells are modulated by CHK2 kinase inhibitors. **2010**, 159, 1326-38 24
- 386 Characterization of Pt-, Pd-spermine complexes for their effect on polyamine pathway and cisplatin resistance in A2780 ovarian carcinoma cells. **2010**, 24, 15-24 25
- 385 Canthin-6-one Alkaloids and a Tirucallanoid from *Eurycoma longifolia* and Their Cytotoxic Activity against a Human HT-1080 Fibrosarcoma Cell Line. **2010**, 5, 1934578X1000500
- 384 Cytotoxic Activity of Quassinoids from *Eurycoma longifolia*. **2010**, 5, 1934578X1000500 1
- 383 Cyclotriphosphazene-Pt-DACH Conjugates with Dipeptide Spacers for Drug Delivery Systems. **2010**, 25, 274-291 6

|     |   |     |    |
|-----|---|-----|----|
| 382 | Cellular and in vivo activity of a novel PI3K inhibitor, PX-866, against human glioblastoma. <b>2010</b> , 12, 559-69   |     | 88 |
| 381 | Geranyl Derivatives of Isoquinoline Alkaloids Show Increased Biological Activities. <b>2010</b> , 81, 1193  |     | 3  |
| 380 | Antimalarial activity of <i>Aspilia pruliseta</i> , a medicinal plant from Uganda. <b>2010</b> , 76, 1870-3   |     | 9  |
| 379 | Oxidative stress in NSC-741909-induced apoptosis of cancer cells. <b>2010</b> , 8, 37   |     | 28 |
| 378 | Maximizing chemical diversity of fungal metabolites: biogenetically related Heptaketides of the endolichenic fungus <i>Corynespora</i> sp. (1). <i>Journal of Natural Products</i> , <b>2010</b> , 73, 1156-9   | 4-9 | 37 |
| 377 | Antitumor agents 286. Design, synthesis, and structure-activity relationships of 3'R,4'R-disubstituted-2',2'-dimethyldihydropyrano[2,3-f]chromone (DSP) analogues as potent chemosensitizers to overcome multidrug resistance. <b>2010</b> , 53, 8700-8 |     | 25 |
| 376 | Effect of process unit operations and long-term storage on catechin contents in EGCG-enriched tea drink. <b>2010</b> , 43, 1692-1701  |     | 35 |
| 375 | High throughput, non-invasive and dynamic toxicity screening on adherent cells using respiratory measurements. <b>2010</b> , 24, 686-94   |     | 27 |
| 374 | Synthesis and identification of new 4-arylidene curcumin analogues as potential anticancer agents targeting nuclear factor- $\kappa$ B signaling pathway. <b>2010</b> , 53, 8260-73   |     | 85 |
| 373 | Synthesis and biological activity of derivatives of the marine quinone avarone. <b>2010</b> , 45, 923-9   |     | 32 |
| 372 | Chemical-Biology of Natural Products from Medicinal Plants for Cancer Therapy. <b>2010</b> , 557-582  |     |    |
| 371 | Alternative and Complementary Therapies for Cancer. <b>2010</b> ,   |     | 1  |
| 370 | Camphoratsins A-J, potent cytotoxic and anti-inflammatory triterpenoids from the fruiting body of <i>Taiwanofungus camphoratus</i> . <i>Journal of Natural Products</i> , <b>2010</b> , 73, 1756-62   | 4-9 | 41 |
| 369 | Inhibition of phosphatidylcholine-specific phospholipase C downregulates HER2 overexpression on plasma membrane of breast cancer cells. <b>2010</b> , 12, R27   |     | 56 |
| 368 | Geraniinic acid derivative from the leaves of <i>Phyllanthus reticulatus</i> . <b>2010</b> , 48, 740-4  |     | 8  |
| 367 | Tricinonic acid and tricindiol, two new irregular sesquiterpenes from an endophytic strain of <i>Fusarium tricinctum</i> . <b>2010</b> , 24, 349-56   |     | 17 |
| 366 | Effect of the isosteric replacement of the phenyl motif with furyl (or thienyl) of 4-phenyl-N-arylsulfonylimidazolones as broad and potent anticancer agents. <b>2011</b> , 2, 731  |     | 3  |
| 365 | Total synthesis of novel D-ring-modified triptolide analogues: structure-cytotoxic activity relationship studies on the D-ring of triptolide. <b>2011</b> , 9, 3176-9   |     | 14 |

|     |  |     |
|-----|--|-----|
| 364 | Biomimetic syntheses and antiproliferative activities of racemic, natural (-), and unnatural (+) glyceollin I. <b>2011</b> , 54, 3506-23   | 20  |
| 363 | Characterization of the anticancer properties of monoglycosidic cardenolides isolated from Nerium oleander and Streptocaulon tomentosum. <b>2011</b> , 134, 781-8  | 47  |
| 362 | In vitro investigation of the cellular toxicity of boron nitride nanotubes. <b>2011</b> , 5, 3800-10   | 151 |
| 361 | In vitro anticancer activity of microbial isolates from diverse habitats. <b>2011</b> , 47, 279-287  | 8   |
| 360 | Anti-proliferative effect of an extract of the root of Polygonum multiflorum Thunb. on MCF-7 human breast cancer cells and the possible mechanisms. <b>2011</b> , 4, 1313-9  | 16  |
| 359 | Anti-hepatitis B virus and cytotoxic diterpenoids from Isodon lophanthoides var. gerardianus. <b>2011</b> , 59, 1102-5   | 21  |
| 358 | Octreotide induces caspase activation and apoptosis in human hepatoma HepG2 cells. <b>2011</b> , 17, 313-21  | 19  |
| 357 | Synthesis, spectroscopic characterization, DFT studies and biological assays of a novel gold(I) complex with 2-mercaptothiazoline. <b>2011</b> , 30, 2354-2359   | 16  |
| 356 | Molecular docking and pharmacogenomics of vinca alkaloids and their monomeric precursors, vindoline and catharanthine. <b>2011</b> , 81, 723-35  | 30  |
| 355 | Synthesis of benzo[3,4]azepino[1,2-b]isoquinolin-9-ones from 3-arylisoquinolines via ring closing metathesis and evaluation of topoisomerase I inhibitory activity, cytotoxicity and docking study. <b>2011</b> , 19, 5311-20  | 14  |
| 354 | Structure-activity relationship study of arylsulfonylimidazolidinones as anticancer agents. <b>2011</b> , 21, 6829-32  | 6   |
| 353 | Enantioselective Cytotoxicity and Molecular Mechanisms of Modern Chiral Pesticides. <b>2011</b> , 153-165  | 1   |
| 352 | Structure-activity relationship studies of novel arylsulfonylimidazolidinones for their anticancer activity. <b>2011</b> , 46, 3258-64   | 8   |
| 351 | Combination effects of platinum drugs and N1, N11 diethylnorspermine on spermidine/spermine N1-acetyltransferase, polyamines and growth inhibition in A2780 human ovarian carcinoma cells and their oxaliplatin and cisplatin-resistant variants. <b>2011</b> , 67, 401-14 | 13  |
| 350 | The slow cell death response when screening chemotherapeutic agents. <b>2011</b> , 68, 795-803   | 11  |
| 349 | Synthesis of 2-(aminomethyl)aziridines and their microwave-assisted ring opening to 1,2,3-triaminopropanes as novel antimalarial pharmacophores. <b>2011</b> , 46, 579-87  | 30  |
| 348 | Aldol derivatives of Thioxoimidazolidinones as potential anti-prostate cancer agents. <b>2011</b> , 46, 3291-301   | 18  |
| 347 | Demonstration of in vitro anticancer properties of peptide fractions from a snow crab by-products hydrolysate after separation by electro dialysis with ultrafiltration membranes. <b>2011</b> , 78, 321-329   | 62  |

- 346 Identification of chrysopenetin from *Vitex negundo* as a potential cytotoxic agent against PANC-1 and a panel of 39 human cancer cell lines (JFCR-39). **2011**, 25, 1770-5 23
- 345 Discovery of 4-benzylamino-substituted  $\beta$ -carboline derivatives as a novel class of receptor tyrosine kinase inhibitors. **2011**, 6, 63-72 11
- 344 Synthesis and in vitro screening of novel N-benzyl aplysinopsin analogs as potential anticancer agents. **2011**, 21, 1411-3 21
- 343 Synthesis of novel pyrazolo[1,5-a]pyrazin-4(5H)-one derivatives and their inhibition against growth of A549 and H322 lung cancer cells. **2011**, 21, 3909-13 23
- 342 Microwave-assisted synthesis, crystal structure of pyrazolo[1,5-a]pyrazin-4(5H)-ones and their selective effects on lung cancer cells. **2011**, 46, 2359-67 10
- 341 Design and synthesis of 4-amino-2-phenylquinazolines as novel topoisomerase I inhibitors with molecular modeling. **2011**, 19, 4399-404 12
- 340 An inverse docking approach for identifying new potential anti-cancer targets. **2011**, 29, 795-9 52
- 339 Cytotoxic geranylflavonoids from *Bonannia graeca*. **2011**, 72, 942-5 12
- 338 Chemical, spectroscopic characterization, DFT studies and initial pharmacological assays of a silver(I) complex with N-acetyl-L-cysteine. **2011**, 30, 579-583 23
- 337 Engineered biosynthesis of gilvocarcin analogues with altered deoxyhexopyranose moieties. **2011**, 77, 435-41 29
- 336 Preclinical development of molecular-targeted agents for cancer. **2010**, 8, 200-9 116
- 335 Ras Isoprenylation and pAkt Inhibition by Zoledronic Acid and Fluvastatin Enhances Paclitaxel Activity in T24 Bladder Cancer Cells. **2011**, 3, 662-74 12
- 334 Antiplasmodial and antibacterial activity of compounds isolated from *Ormocarpum trichocarpum*. **2012**, 78, 1857-60 13
- 333 Anti-inflammatory activities of selected synthetic homoisoflavanones. **2012**, 26, 1473-82 12
- 332 Synthesis and in vitro antiproliferative activity of new 11-aminoalkylamino-substituted chromeno[2,3-b]indoles. **2012**, 58, 441-51 33
- 331 MTT assay for cell viability: Intracellular localization of the formazan product is in lipid droplets. **2012**, 114, 785-96 34<sup>o</sup>
- 330 Synthesis, cytotoxicity of new 4-arylidene curcumin analogues and their multi-functions in inhibition of both NF- $\kappa$ B and Akt signalling. **2012**, 55, 346-57 20
- 329 New chemodosimetric reagents as ratiometric probes for cysteine and homocysteine and possible detection in living cells and in blood plasma. **2012**, 18, 15382-93 71

|     |   |     |
|-----|---|-----|
| 328 | CellMiner: a web-based suite of genomic and pharmacologic tools to explore transcript and drug patterns in the NCI-60 cell line set. <b>2012</b> , 72, 3499-511   | 358 |
| 327 | Recognition of Hg <sup>2+</sup> and Cr <sup>3+</sup> in physiological conditions by a rhodamine derivative and its application as a reagent for cell-imaging studies. <b>2012</b> , 51, 336-45                                    | 155 |
| 326 | Antitumor agents 290. Design, synthesis, and biological evaluation of new LNCaP and PC-3 cytotoxic curcumin analogs conjugated with anti-androgens. <b>2012</b> , 20, 4020-31   | 26  |
| 325 | Synthesis and in vitro antiproliferative activity of new 11-aminoalkylamino-substituted 5H- and 6H-indolo[2,3-b]quinolines; structure-activity relationships of neocryptolepines and 6-methyl congeners. <b>2012</b> , 20, 4820-9 | 42  |
| 324 | Synthesis, antimalarial activity and cytotoxicity of 10-aminoethylether derivatives of artemisinin. <b>2012</b> , 20, 4701-9  | 14  |
| 323 | Antitumor activity of mushroom polysaccharides: a review. <b>2012</b> , 3, 1118-30  | 291 |
| 322 | Structure-activity relationship studies of naphthol AS-E and its derivatives as anticancer agents by inhibiting CREB-mediated gene transcription. <b>2012</b> , 20, 6811-20   | 27  |
| 321 | A SAR study on a series of synthetic lipophilic chalcones as inhibitor of transcription factor NF- $\kappa$ B. <b>2012</b> , 54, 379-86   | 6   |
| 320 | Synthesis and in vitro antimalarial activity of a series of bisquinoline and bispyrrolo[1,2a]quinoxaline compounds. <b>2012</b> , 55, 335-45  | 36  |
| 319 | The DNA topoisomerase II catalytic inhibitor merbarone is genotoxic and induces endoreduplication. <b>2012</b> , 738-739, 45-51   | 18  |
| 318 | Potential cytotoxic and amoebicide activity of first row transition metal compounds with 2,9-bis-(2',5'-diazahexanyl)-1,1-phenanthroline (L1). <b>2012</b> , 41, 10164-74   | 22  |
| 317 | In vivo and in vitro evaluation of the estrogenic properties of the 17 $\beta$ -(butylamino)-1,3,5(10)-estratrien-3-ol (buame) related to 17 $\beta$ -estradiol. <b>2012</b> , 64, 940-50   | 2   |
| 316 | Inhibition of DNA topoisomerases I and II of compounds from Reynoutria japonica. <b>2012</b> , 35, 1583-9   | 16  |
| 315 | Design and synthesis of diarylamines and diarylethers as cytotoxic antitumor agents. <b>2012</b> , 22, 6224-8   | 21  |
| 314 | Factors determining sensitivity and resistance of tumor cells to arsenic trioxide. <b>2012</b> , 7, e35584  | 17  |
| 313 | Cytotoxic and Anti-HIV Phenanthroindolizidine Alkaloids from <i>Cryptocarya chinensis</i> <b>2012</b> , 7, 1934578X1200740  |     |
| 312 | A practical approach for assessing chemosensitivity in colorectal cancer cell lines by comparative analysis of cell viability and thymidylate synthase mRNA expression. <b>2012</b> , 82, 28-34                                   |     |
| 311 | Cytotoxicity of nanoparticles is influenced by size, proliferation and embryonic origin of the cells used for testing. <b>2012</b> , 6, 424-39  | 42  |

|     |  |     |
|-----|--|-----|
| 310 | Synthesis, photophysical, photochemical, DNA cleavage/binding and cytotoxic properties of pyrene oxime ester conjugates. <b>2012</b> , 11, 1239-50   | 21  |
| 309 | Two New Norlignans and a New Lignanamide from <i>Peperomia tetraphylla</i> . <b>2012</b> , 9, 769-76   | 23  |
| 308 | Synthesis and cytotoxicity evaluation of biaryl-based chalcones and their potential in TNF $\alpha$ -induced nuclear factor- $\kappa$ B activation inhibition. <b>2012</b> , 50, 393-404   | 33  |
| 307 | Synthesis of 5-benzyl-2-phenylpyrazolo[1,5-a]pyrazin-4,6(5H,7H)-dione derivatives and discovery of an apoptosis inducer for H322 lung cancer cells. <b>2012</b> , 22, 844-9  | 20  |
| 306 | Pharmacogenomic determination of genes associated with sensitivity or resistance of tumor cells to curcumin and curcumin derivatives. <b>2012</b> , 23, 875-84   | 10  |
| 305 | Improvement in antioxidant activity, angiotensin-converting enzyme inhibitory activity and in vitro cellular properties of fermented pepino milk by <i>Lactobacillus</i> strains containing the glutamate decarboxylase gene. <b>2013</b> , 93, 859-66 | 11  |
| 304 | USP7 and Daxx regulate mitosis progression and taxane sensitivity by affecting stability of Aurora-A kinase. <b>2013</b> , 20, 721-31  | 36  |
| 303 | Global proteome analysis of the NCI-60 cell line panel. <b>2013</b> , 4, 609-20  | 225 |
| 302 | Synthesis and antiplasmodial evaluation of aziridine(iso)quinoline hybrids and their ring-opening products. <b>2013</b> , 4, 724   | 22  |
| 301 | Tetrazole-based deoxyamodiaquines: synthesis, ADME/PK profiling and pharmacological evaluation as potential antimalarial agents. <b>2013</b> , 21, 4904-13   | 16  |
| 300 | N-aryl-6-methoxy-1,2,3,4-tetrahydroquinolines: a novel class of antitumor agents targeting the colchicine site on tubulin. <b>2013</b> , 67, 196-207   | 38  |
| 299 | Synthesis of 2-aminomethyl-4-phenyl-1-azabicyclo[2.2.1]heptanes via LiAlH $_4$ -induced reductive cyclization of 2-(4-chloro-2-cyano-2-phenylbutyl)aziridines and evaluation of their antimalarial activity. <b>2013</b> , 23, 1507-10                 | 7   |
| 298 | Synthesis of some (E)-6-[2-(furan-2-yl)ethenyl]-1,2,4-triazin-5-ones and their biological evaluation as antitumor agents. <b>2013</b> , 22, 1909-1924  | 19  |
| 297 | Designing a thiol specific fluorescent probe for possible use as a reagent for intracellular detection and estimation in blood serum: kinetic analysis to probe the role of intramolecular hydrogen bonding. <b>2013</b> , 11, 6604-14                 | 38  |
| 296 | New chemodosimetric probe for the specific detection of Hg $^{2+}$ in physiological condition and its utilisation for cell imaging studies. <b>2013</b> , 42, 15097-105  | 24  |
| 295 | 5-((1-Aroyl-1H-indol-3-yl)methylene)-2-thioxodihydropyrimidine-4,6(1H,5H)-diones as potential anticancer agents with anti-inflammatory properties. <b>2013</b> , 23, 1442-6  | 24  |
| 294 | Quantitative analysis of anti-inflammatory activity of orengedokuto: importance of combination of flavonoids in inhibition of PGE $_2$ production in mouse macrophage-like cell line J774.1. <b>2013</b> , 67, 281-8                                   | 21  |
| 293 | Crystal structure and potent antifungal activity of synthetic homoisoflavanone analogues. <b>2013</b> , 6, 1-5   | 5   |

|     |  |     |
|-----|--|-----|
| 292 | The exomes of the NCI-60 panel: a genomic resource for cancer biology and systems pharmacology. <b>2013</b> , 73, 4372-82  | 207 |
| 291 | Research Methods in Orthodontics. <b>2013</b> ,  | 1   |
| 290 | Ligand/PTC-free intramolecular Heck reaction: synthesis of pyrroloquinoxalines and their evaluation against PDE4/luciferase/oral cancer cell growth in vitro and zebrafish in vivo. <b>2013</b> , 11, 6680-5 | 18  |
| 289 | Synthesis and mechanistic studies of novel spin-labeled combretastatin derivatives as potential antineoplastic agents. <b>2013</b> , 21, 1248-56   | 13  |
| 288 | Synthesis and biological evaluation of N-alkyl-N-(4-methoxyphenyl)pyridin-2-amines as a new class of tubulin polymerization inhibitors. <b>2013</b> , 21, 632-42   | 18  |
| 287 | Synthesis and antiplasmodial evaluation of novel (4-aminobutyloxy)quinolines. <b>2013</b> , 23, 318-22   | 16  |
| 286 | Does nature provide the best therapeutic options? Synthesis and anti-inflammatory activity of a naturally occurring homoisoflavanone and its enantiomer. <b>2013</b> , 6, 21-25                              | 4   |
| 285 | Isolation, structural identification and cytotoxic activity of hexanic extract, cyperenoic acid, and jatrophone terpenes from <i>Jatropha ribifolia</i> roots. <b>2013</b> , 23, 441-446                     | 6   |
| 284 | In vitro cytotoxicity on human ovarian cancer cells by T-type calcium channel blockers. <b>2013</b> , 23, 6656-62  | 31  |
| 283 | Evidence of anti-proliferative activities in blue mussel ( <i>Mytilus edulis</i> ) by-products. <b>2013</b> , 11, 975-90   | 28  |
| 282 | Predicting efficacy of cancer cell killing under hypoxic conditions with single cell DNA damage assay. <b>2013</b> , 85, 6953-7  | 10  |
| 281 | Synthesis, characterization and antimalarial activity of quinoline-pyrimidine hybrids. <b>2013</b> , 21, 269-77  | 63  |
| 280 | A new phenylpropanoid from <i>Peperomia tetraphylla</i> . <b>2013</b> , 27, 837-40   | 6   |
| 279 | Saponins extracted from by-product of <i>Asparagus officinalis</i> L. suppress tumour cell migration and invasion through targeting Rho GTPase signalling pathway. <b>2013</b> , 93, 1492-8                  | 33  |
| 278 | ZC88, a novel 4-amino piperidine analog, inhibits the growth of neuroblastoma cells through blocking hERG potassium channel. <b>2013</b> , 14, 450-7   | 7   |
| 277 | The anticancer agent YC-1 suppresses progesterin-stimulated VEGF in breast cancer cells and arrests breast tumor development. <b>2013</b> , 42, 179-87   | 17  |
| 276 | Isolation of flavonoids from <i>Anemopaegma arvense</i> (Vell) Steff. ex de Souza and their antifungal activity against <i>Trichophyton rubrum</i> . <b>2013</b> , 49, 559-565                               | 5   |
| 275 | Systematic analyses of the cytotoxic effects of compound 11a, a putative synthetic agonist of photoreceptor-specific nuclear receptor (PNR), in cancer cell lines. <b>2013</b> , 8, e75198                   | 7   |



|     |   |        |
|-----|---|--------|
| 274 | Highly sensitive quantitative imaging for monitoring single cancer cell growth kinetics and drug response. <b>2014</b> , 9, e89000  | 44     |
| 273 | Antioxidant capacities, phenolic profile and cytotoxic effects of saxicolous lichens from trans-Himalayan cold desert of Ladakh. <b>2014</b> , 9, e98696  | 23     |
| 272 | Phenolics of <i>Achillea fragrantissima</i> growing in Egypt and its cytotoxic activity. <b>2014</b> , 8, 763-771   | 5      |
| 271 | Synthesis, characterization and anti-breast cancer activity of new 4-aminoantipyrine-based heterocycles. <i>International Journal of Molecular Sciences</i> , <b>2014</b> , 15, 7539-53                               | 6.3 33 |
| 270 | New MCR based on intramolecular Heck reaction under aerobic conditions: a direct access to cytotoxic fused N-heterocycles. <b>2014</b> , 4, 49324-49328   | 9      |
| 269 | Semisynthesis of triptolide analogues: effect of B-ring substituents on cytotoxic activities. <b>2014</b> , 24, 5671-5674   | 13     |
| 268 | Design, synthesis and structure-activity relationships studies on the D ring of the natural product triptolide. <b>2014</b> , 9, 290-5  | 24     |
| 267 | Human Cytolytic Fusion Proteins: Modified Versions of Human Granzyme B and Angiogenin Have the Potential to Replace Bacterial Toxins in Targeted Therapies against CD64+ Diseases. <b>2014</b> , 3, 92-115            | 7      |
| 266 | The lignan, (-)-sesamin reveals cytotoxicity toward cancer cells: pharmacogenomic determination of genes associated with sensitivity or resistance. <b>2014</b> , 21, 689-96  | 21     |
| 265 | Discovery of novel antitumor dibenzocyclooctatetraene derivatives and related biphenyls as potent inhibitors of NF- $\kappa$ B signaling pathway. <b>2014</b> , 22, 325-33  | 4      |
| 264 | Cytotoxicity and modes of action of five Cameroonian medicinal plants against multi-factorial drug resistance of tumor cells. <b>2014</b> , 153, 207-19   | 66     |
| 263 | Synthesis and anti-proliferative activity of aromatic substituted 5-((1-benzyl-1H-indol-3-yl)methylene)-1,3-dimethylpyrimidine-2,4,6(1H,3H,5H)-trione analogs against human tumor cell lines. <b>2014</b> , 24, 601-3 | 31     |
| 262 | Synthesis of halogenated 4-quinolones and evaluation of their antiplasmodial activity. <b>2014</b> , 24, 1214-7   | 15     |
| 261 | Synthesis and biological evaluation of 20-hydroxytriptonide and its analogues. <b>2014</b> , 70, 3107-3115  | 15     |
| 260 | E3 ubiquitin ligases and human papillomavirus-induced carcinogenesis. <b>2014</b> , 42, 247-60  | 15     |
| 259 | Quinone propionic acid-based redox-triggered polymer nanoparticles for drug delivery: Computational analysis and in vitro evaluation. <b>2014</b> , 131, n/a-n/a  | 6      |
| 258 | Design, synthesis and anticancer activity evaluation of novel C14 heterocycle substituted epi-triptolide. <b>2014</b> , 73, 46-55   | 34     |
| 257 | Synthesis, photochemistry, DNA cleavage/binding and cytotoxic properties of fluorescent quinoxaline and quinoline hydroperoxides. <b>2014</b> , 130, 188-98   | 19     |

- 256 A ferrocene-pyrene based 'turn-on' chemodosimeter for Cr(3+)- application in bioimaging. **2014**, 43, 5707-12 43
- 255 The search for plants with anticancer activity: pitfalls at the early stages. **2014**, 158 Pt A, 246-54 9
- 254 Pentacycloundecylamines and conjugates thereof as chemosensitizers and reversed chloroquine agents. **2014**, 24, 5516-9 13
- 253 Ligand-free MCR for linking quinoxaline framework with a benzimidazole nucleus: a new strategy for the identification of novel hybrid molecules as potential inducers of apoptosis. **2014**, 12, 6800-5 18
- 252 Cytotoxicity of the bisphenolic honokiol from *Magnolia officinalis* against multiple drug-resistant tumor cells as determined by pharmacogenomics and molecular docking. **2014**, 21, 1525-33 19
- 251 A new phenolic glycoside from *Juglans mandshurica*. **2014**, 28, 998-1002 16
- 250 Flavone-based ESIPT ratiometric chemodosimeter for detection of cysteine in living cells. **2014**, 6, 4402-7 168
- 249 Optimization of 4-(N-cycloamino)phenylquinazolines as a novel class of tubulin-polymerization inhibitors targeting the colchicine site. **2014**, 57, 1390-402 44
- 248 The cytotoxic activities of cardiac glycosides from *Streptocaulon juvenas* and the structure-activity relationships. **2014**, 98, 228-33 10
- 247 Synthesis, in vitro antiplasmodial and antiproliferative activities of a series of quinolineferrocene hybrids. **2014**, 23, 1214-1224 32
- 246 Synthesis and in vitro biological evaluation of aminoacridines and artemisinin-acridine hybrids. **2014**, 56, 16-27 29
- 245 TFAA/H<sub>3</sub>PO<sub>4</sub> mediated unprecedented N-acylation of carbazoles leading to small molecules possessing anti-proliferative activities against cancer cells. **2014**, 12, 6080-4 13
- 244 Structure-activity relationships for withanolides as inducers of the cellular heat-shock response. **2014**, 57, 2851-63 51
- 243 Investigation of amino acid conjugates of (S)-1-[1-(4-aminobenzoyl)-2,3-dihydro-1H-indol-6-sulfonyl]-4-phenyl-imidazolidin-2-one (DW2282) as water soluble anticancer prodrugs. **2014**, 80, 439-46 21
- 242 Pharmacogenomics of cantharidin in tumor cells. **2014**, 87, 399-409 41
- 241 Antiplasmodial, HIV-1 reverse transcriptase inhibitory and cytotoxicity properties of *Centratherum punctatum* Cass. and its fractions. **2014**, 90, 17-19 13
- 240 Synthesis and anti-breast cancer evaluation of novel N-(guanidiny)benzenesulfonamides. *International Journal of Molecular Sciences*, **2014**, 15, 5582-95 6.3 9
- 239 (-)-Tarchonanthuslactone: Design of New Analogues, Evaluation of their Antiproliferative Activity on Cancer Cell Lines, and Preliminary Mechanistic Studies. **2015**, 10, 1687-99 10

|     |  |     |     |
|-----|--|-----|-----|
| 238 | Evaluation of Antioxidative and Cytotoxic Activities of <i>Streptomyces pluripotens</i> MUSC 137 Isolated from Mangrove Soil in Malaysia. <b>2015</b> , 6, 1398  |     | 42  |
| 237 | Cardanols, Long Chain Cyclohexenones and Cyclohexenols from <i>Lanea schimperi</i> (Anacardiaceae). <b>2015</b> , 10, 1934578X1501000  |     | 1   |
| 236 | Heteroaromatic analogs of the resveratrol analog DMU-212 as potent anti-cancer agents. <b>2015</b> , 25, 2763-7  |     | 12  |
| 235 | Apoptotic and cytotoxic effect of <i>Semecarpus anacardium</i> Linn nut milk extract on MCF-7 breast cancer cells. <b>2015</b> , 24, 1439-1444   |     | 2   |
| 234 | Antimalarial benzoheterocyclic 4-aminoquinolines: Structure-activity relationship, in vivo evaluation, mechanistic and bioactivation studies. <b>2015</b> , 23, 5419-32  |     | 13  |
| 233 | Synthesis, anticancer activity and molecular docking studies on a series of heterocyclic trans-cyanocombretastatin analogues as antitubulin agents. <b>2015</b> , 92, 212-20   |     | 15  |
| 232 | Synthesis, anticancer and radiosensitizing evaluation of some novel sulfonamide derivatives. <b>2015</b> , 92, 682-92  |     | 45  |
| 231 | Synthesis and evaluation of a series of resveratrol analogues as potent anti-cancer agents that target tubulin. <b>2015</b> , 6, 788-794   |     | 26  |
| 230 | Three-dimensional quantitative structure-activity relationship study on anti-cancer activity of 3,4-dihydroquinazoline derivatives against human lung cancer A549 cells. <i>Journal of Molecular Structure</i> , <b>2015</b> , 1084, 294-301 | 3-4 | 3   |
| 229 | Identification of cellular and molecular factors determining the response of cancer cells to six ergot alkaloids. <b>2015</b> , 33, 32-44  |     | 10  |
| 228 | Improved antiparasitic activity by incorporation of organosilane entities into half-sandwich ruthenium(II) and rhodium(III) thiosemicarbazone complexes. <b>2015</b> , 44, 2456-68   |     | 41  |
| 227 | Comparison of cytotoxicity in vitro and irritation in vivo for aqueous and oily solutions of surfactants. <b>2015</b> , 41, 1232-6   |     | 7   |
| 226 | An Isoflavone from <i>Leiophyllum buxifolium</i> and Its Antiproliferative Effect. <i>Journal of Natural Products</i> , <b>2015</b> , 78, 1748-51  | 4-9 | 11  |
| 225 | Using CellMiner 1.6 for Systems Pharmacology and Genomic Analysis of the NCI-60. <b>2015</b> , 21, 3841-52   |     | 49  |
| 224 | Design, synthesis and anticancer properties of novel oxa/azaspiro[4,5]trienones as potent apoptosis inducers through mitochondrial disruption. <b>2015</b> , 101, 348-57   |     | 42  |
| 223 | Pd-catalyzed isocyanide insertion/nucleophilic attack by indole C-3/desulfonylation in the same pot: a direct access to indoloquinolines of pharmacological interest. <b>2015</b> , 5, 62966-62970   |     | 12  |
| 222 | Synthesis and anti-cancer screening of novel heterocyclic-(2)-1,2,3-triazoles as potential anti-cancer agents. <b>2015</b> , 6, 1535-1543  |     | 37  |
| 221 | Limitations of the 3-(4,5-dimethylthiazol-2-yl)-2,5-diphenyl-2H-tetrazolium bromide (MTT) assay when compared to three commonly used cell enumeration assays. <b>2015</b> , 8, 47  |     | 212 |

|     |  |    |
|-----|--|----|
| 220 | A Pd(II)-catalyzed C-H activation approach to densely functionalized N-heteroaromatics related to neocryptolepine and their evaluation as potential inducers of apoptosis. <b>2015</b> , 5, 44722-44727                        | 14 |
| 219 | Standalone Lab-on-a-Chip Systems toward the Evaluation of Therapeutic Biomaterials in Individualized Disease Treatment. <b>2015</b> , 1, 1055-1066   | 5  |
| 218 | Aminopyrazolo[1,5-a]pyrimidines as potential inhibitors of Mycobacterium tuberculosis: Structure activity relationships and ADME characterization. <b>2015</b> , 23, 7240-50   | 28 |
| 217 | Synthesis of natural phaeosphaeride A derivatives and an in vitro evaluation of their anti-cancer potential. <b>2015</b> , 25, 5566-9  | 12 |
| 216 | 1-Benzyl-2-methyl-3-indolylmethylene barbituric acid derivatives: Anti-cancer agents that target nucleophosmin 1 (NPM1). <b>2015</b> , 23, 7226-33   | 28 |
| 215 | Dimers of Melampomagnolide B Exhibit Potent Anticancer Activity against Hematological and Solid Tumor Cells. <b>2015</b> , 58, 8896-906  | 18 |
| 214 | Optimization of N-aryl-6-methoxy-1,2,3,4-tetrahydroquinolines as tubulin polymerization inhibitors. <b>2015</b> , 23, 5740-7   | 17 |
| 213 | A Pd-catalyzed direct entry to 11-substituted 6H-isoindolo[2,1-a]indol-6-one derivatives as potential anticancer agents. <b>2015</b> , 5, 88686-88691  | 14 |
| 212 | A greener approach towards double heteroarylation of N, O and S nucleophiles: synthesis of bioactive polynuclear fused N-heteroarenes. <b>2015</b> , 5, 74570-74574  | 8  |
| 211 | Novel Redox-Responsive Amphiphilic Copolymer Micelles for Drug Delivery: Synthesis and Characterization. <b>2015</b> , 17, 1357-68   | 14 |
| 210 | Synthesis and biological evaluation of novel 4,5-disubstituted 2H-1,2,3-triazoles as cis-constrained analogues of combretastatin A-4. <b>2015</b> , 103, 123-32  | 44 |
| 209 | Structural characterization and cytotoxic activity of tioconazole coordination compounds with cobalt(II), copper(II), zinc(II) and cadmium(II). <b>2015</b> , 438, 245-254   | 8  |
| 208 | Synthesis of functionalized 3-, 5-, 6- and 8-aminoquinolines via intermediate (3-pyrrolin-1-yl)- and (2-oxopyrrolidin-1-yl)quinolines and evaluation of their antiplasmodial and antifungal activity. <b>2015</b> , 92, 91-102 | 23 |
| 207 | Synthesis and structure-activity-relationship studies of thiazolidinediones as antiplasmodial inhibitors of the Plasmodium falciparum cysteine protease falcipain-2. <b>2015</b> , 90, 507-18                                  | 28 |
| 206 | Pharmacogenomic and molecular docking studies on the cytotoxicity of the natural steroid wortmannin against multidrug-resistant tumor cells. <b>2015</b> , 22, 120-7   | 20 |
| 205 | Activity of the dietary flavonoid, apigenin, against multidrug-resistant tumor cells as determined by pharmacogenomics and molecular docking. <b>2015</b> , 26, 44-56  | 69 |
| 204 | Synthesis of novel 5-methyl pyrazol-3-one derivatives and their in vitro cytotoxic evaluation. <b>2015</b> , 24, 1070-1076   | 10 |
| 203 | Two novel compounds of vanadium and molybdenum with carnitine exhibiting potential pharmacological use. <b>2015</b> , 142, 109-17  | 19 |

|     |  |        |
|-----|--|--------|
| 202 | Prediction of individual response to anticancer therapy: historical and future perspectives. <b>2015</b> , 72, 729-57  | 33     |
| 201 | Using drug response data to identify molecular effectors, and molecular "omic" data to identify candidate drugs in cancer. <b>2015</b> , 134, 3-11   | 23     |
| 200 | 2,6-Bis(2,6-diethylphenyliminomethyl)pyridine coordination compounds with cobalt(II), nickel(II), copper(II), and zinc(II): synthesis, spectroscopic characterization, X-ray study and in vitro cytotoxicity. <b>2015</b> , 142, 1-7                         | 28     |
| 199 | Cholesterol biosynthesis inhibitor RO 48-8071 suppresses growth of hormone-dependent and castration-resistant prostate cancer cells. <b>2016</b> , 9, 3223-32  | 8      |
| 198 | Review on a Traditional Herbal Medicine, <i>Eurycoma longifolia</i> Jack (Tongkat Ali): Its Traditional Uses, Chemistry, Evidence-Based Pharmacology and Toxicology. <b>2016</b> , 21, 331   | 81     |
| 197 | Pharmacogenomics of Scopoletin in Tumor Cells. <b>2016</b> , 21, 496   | 23     |
| 196 | Pseudonocardides A $\Gamma$ , New $\beta$ -Butyrolactones from Marine-derived <i>Pseudonocardia</i> sp. YIM M13669. <b>2016</b> , 99, 191-196  | 15     |
| 195 | A specific inhibitor of lactate dehydrogenase overcame the resistance toward gemcitabine in hypoxic mesothelioma cells, and modulated the expression of the human equilibrative transporter-1. <b>2016</b> , 35, 643-651                                     | 6      |
| 194 | Dioxol and dihydrodioxin analogs of 2- and 3-phenylacetone nitriles as potent anti-cancer agents with nanomolar activity against a variety of human cancer cells. <b>2016</b> , 26, 2164-9   | 7      |
| 193 | Design and synthesis of some novel 4-Chloro-N-(4-(1-(2-(2-cyanoacetyl)hydrazono)ethyl)phenyl) benzenesulfonamide derivatives as anticancer and radiosensitizing agents. <b>2016</b> , 117, 8-18  | 36     |
| 192 | Cytotoxicity of South-African medicinal plants towards sensitive and multidrug-resistant cancer cells. <b>2016</b> , 186, 209-223  | 27     |
| 191 | Domestic pressure cooker as inexpensive hydrothermal vessel: Demonstrated utility for eco-friendly synthesis of non-toxic carbon dots. <b>2016</b> , 6, 52-58  | 14     |
| 190 | The effects of creatine supplementation on striatal neural progenitor cells depend on developmental stage. <b>2016</b> , 48, 1913-27   | 2      |
| 189 | Thiazole-based nitrogen mustards: Design, synthesis, spectroscopic studies, DFT calculation, molecular docking, and antiproliferative activity against selected human cancer cell lines. <i>Journal of Molecular Structure</i> , <b>2016</b> , 1119, 139-150 | 3.4 18 |
| 188 | Synthesis and biological evaluation of a series of non-hemiacetal ester derivatives of artemisinin. <b>2016</b> , 122, 635-646   | 14     |
| 187 | Bioactive Constituents from <i>Radermachera boniana</i> .. <b>2016</b> , 1, 1575-1579  | 3      |
| 186 | Chimeric lipid/block copolymer nanovesicles: Physico-chemical and bio-compatibility evaluation. <b>2016</b> , 107, 295-309   | 26     |
| 185 | A new strategy for accessing (S)-1-(furan-2-yl)pent-4-en-1-ol: a key precursor of Ipomoeassin family of compounds and C1 $\Gamma$ 15 domain of halichondrins. <b>2016</b> , 57, 3924-3928  | 2      |

- 184 Bioisosteric ferrocenyl-containing quinolines with antiplasmodial and antitrichomonal properties. **2016**, 45, 19086-19095 6
- 183 Study of Gallium Oxide Nanoparticles Conjugated with  $\beta$ -Cyclodextrin: An Application To Combat Cancer. **2016**, 8, 17127-37 18
- 182 Investigation of N-Arylsulfonylimidazole as Novel Scaffold for Anticancer Agents. **2016**, 37, 632-637 4
- 181 In vitro synergistic anticancer activity of the combination of T-type calcium channel blocker and chemotherapeutic agent in A549 cells. **2016**, 26, 1073-1079 23
- 180 Alkyl phenols, alkenyl cyclohexenones and other phytochemical constituents from *Lannea rivae* (chiiov) Sacleux (Anacardiaceae) and their bioactivity. **2016**, 25, 690-703 9
- 179 Antiproliferative Aporphine Alkaloids from *Litsea glutinosa* and Ethnopharmacological Relevance to Kuuku  $\bar{I}$ u Traditional Medicine. **2016**, 69, 145 8
- 178 Searching new antifungals: The use of in vitro and in vivo methods for evaluation of natural compounds. **2016**, 123, 68-78 35
- 177 Polycyclic amines as chloroquine resistance modulating agents in *Plasmodium falciparum*. **2016**, 26, 1151-5 12
- 176 Cyclopalladated organosilane-tethered thiosemicarbazones: novel strategies for improving antiplasmodial activity. **2016**, 45, 5514-20 18
- 175 Synthesis and biological evaluation of pyrrolo[2,3-b]pyridine analogues as antiproliferative agents and their interaction with calf thymus DNA. **2016**, 114, 220-31 29
- 174 Design and development of oxobenzimidazoles as novel androgen receptor antagonists. **2016**, 25, 539-552 16
- 173 Assessment of the in vitro cytotoxicity and in vivo anti-tumor activity of the alcoholic stem bark extract/fractions of *Mimusops elengi* Linn. **2016**, 68, 861-77 9
- 172 Intracellular detection of hazardous Cd through a fluorescence imaging technique by using a nontoxic coumarin based sensor. **2017**, 46, 2524-2531 33
- 171 Anticancer and radio-sensitizing evaluation of some new sulfonamide derivatives bearing pyridone, thiophene, and hydrazone moieties. **2017**, 43, 4657-4681 6
- 170 Synthesis, structural characterization and biological activity of novel Knoevenagel condensates on DLD-1 human colon carcinoma. **2017**, 27, 2345-2349 7
- 169 Indole carboxylic acid esters of melampomagnolide B are potent anticancer agents against both hematological and solid tumor cells. **2017**, 136, 393-405 14
- 168 Succinamide derivatives of melampomagnolide B and their anti-cancer activities. **2017**, 25, 3694-3705 13
- 167 Design and development of multi-walled carbon nanotube-liposome drug delivery platforms. **2017**, 528, 429-439 21

|     |  |        |
|-----|--|--------|
| 166 | Enzymatic biosynthesis of novel neobavaisoflavone glucosides via <i>Bacillus</i> UDP-glycosyltransferase. <b>2017</b> , 15, 281-287  | 7      |
| 165 | Exploration of thiaheterocyclic hHDAC6 inhibitors as potential antiplasmodial agents. <b>2017</b> , 9, 357-364   | 11     |
| 164 | A bis-hydrazone derivative of 2,5-furandicarboxaldehyde with perfect hetero-atomic cavity for selective sensing of Hg(II) and its intracellular detection in living HeLa S3 cell. <b>2017</b> , 243, 1181-1190                                 | 12     |
| 163 | Identification of a diverse synthetic abietane diterpenoid library for anticancer activity. <b>2017</b> , 27, 505-510  | 23     |
| 162 | Methanolic extract from <i>Lespedeza bicolor</i> : potential candidates for natural antioxidant and anticancer agent. <b>2017</b> , 37, 444-451  | 8      |
| 161 | Antimicrobial activity of organometallic isonicotinyl and pyrazinyl ferrocenyl-derived complexes. <b>2017</b> , 46, 9875-9885  | 40     |
| 160 | Synthesis and biological evaluation of fluoro-substituted 3,4-dihydroquinazoline derivatives for cytotoxic and analgesic effects. <b>2017</b> , 25, 4656-4664  | 7      |
| 159 | Novel 1,2,4-triazole derivatives as antitumor agents against hepatocellular carcinoma. <b>2017</b> , 274, 68-79  | 17     |
| 158 | In Vivo and Mechanistic Studies on Antitumor Lead 7-Methoxy-4-(2-methylquinazolin-4-yl)-3,4-dihydroquinoxalin-2(1H)-one and Its Modification as a Novel Class of Tubulin-Binding Tumor-Vascular Disrupting Agents. <b>2017</b> , 60, 5586-5598 | 19     |
| 157 | Target identification, lead optimization and antitumor evaluation of some new 1,2,4-triazines as c-Met kinase inhibitors. <i>Bioorganic Chemistry</i> , <b>2017</b> , 73, 154-169  | 5.1 19 |
| 156 | HTS-FTIR spectroscopy allows the classification of polyphenols according to their differential effects on the MDA-MB-231 breast cancer cell line. <b>2017</b> , 142, 1244-1257   | 8      |
| 155 | The challenge of biocompatibility evaluation of biocomposites. <b>2017</b> , 303-334   | 3      |
| 154 | Two New $\beta$ -Dihydroagarofuran Sesquiterpenes from <i>Celastrus orbiculatus</i> Thunb and Their Anti-Proliferative Activity. <b>2017</b> , 22,   | 6      |
| 153 | Synthesis and In Vitro Antiproliferative Activity of 11-Substituted Neocryptolepines with a Branched $\beta$ -Aminoalkylamino Chain. <b>2017</b> , 22,   | 5      |
| 152 | Highly selective and safe <i>in vitro</i> detection of biologically important $\text{Uric acid}$ in living cells by a new fluorescent <i>turn-on</i> probe along with quantum chemical calculation. <b>2018</b> , 264, 208-215                 | 6      |
| 151 | Quantitative analysis of the anti-inflammatory activity of orengedokuto II: berberine is responsible for the inhibition of NO production. <b>2018</b> , 72, 706-714  | 14     |
| 150 | Synthesis, molecular docking, ctDNA interaction, DFT calculation and evaluation of antiproliferative and anti- activities of 2,4-diaminotriazine-thiazole derivatives. <b>2018</b> , 27, 1131-1148   | 16     |
| 149 | Pyrimidine-chloroquinoline hybrids: Synthesis and antiplasmodial activity. <b>2018</b> , 148, 39-53  | 20     |

|     |  |     |    |
|-----|--|-----|----|
| 148 | l-Cysteine-Conjugated Ruthenium Hydrous Oxide Nanomaterials with Anticancer Active Application. <b>2018</b> , 34, 1447-1456  |     | 6  |
| 147 | Withaferin A and Withanolide D Analogues with Dual Heat-Shock-Inducing and Cytotoxic Activities: Semisynthesis and Biological Evaluation. <i>Journal of Natural Products</i> , <b>2018</b> , 81, 825-837                     | 4.9 | 8  |
| 146 | Synthesis, characterization, theoretical studies and biological activity of coordination compounds with essential metals containing N4-donor ligand 2,9-di(ethylaminomethyl)-1,10-phenanthroline. <b>2018</b> , 470, 187-196 |     | 6  |
| 145 | Neurotrophic Factors. <b>2018</b> ,  |     | 4  |
| 144 | Cell Enumeration Assays: Application of the MTT and Sulforhodamine B Assays to Lipopolysaccharide-Stimulated Neonatal Rodent Microglia. <b>2018</b> , 1727, 167-178  |     | 2  |
| 143 | Design, synthesis and molecular modeling studies of new series of antitumor 1,2,4-triazines with potential c-Met kinase inhibitory activity. <i>Bioorganic Chemistry</i> , <b>2018</b> , 76, 154-165                         | 5.1 | 16 |
| 142 | Cytotoxicity evaluation of a Thai herb using tetrazolium (MTT) and sulforhodamine B (SRB) assays. <b>2018</b> , 9,   |     | 27 |
| 141 | Biosynthesis of copper nanoparticles using aqueous extract: antimicrobial and anticancer activities. <b>2018</b> , 4, e01077   |     | 75 |
| 140 | Self-assembly of a metallo-peptide into a drug delivery system using a "switch on" displacement strategy. <b>2018</b> , 6, 8228-8237   |     | 12 |
| 139 | Xanthohumol inhibits cell proliferation and induces apoptosis in human thyroid cells. <b>2018</b> , 121, 450-457   |     | 7  |
| 138 | Current Screening Methodologies in Drug Discovery for Selected Human Diseases. <b>2018</b> , 16,   |     | 43 |
| 137 | HMGB1 represses the anti-cancer activity of sunitinib by governing TP53 autophagic degradation via its nucleus-to-cytoplasm transport. <b>2018</b> , 14, 2155-2170   |     | 20 |
| 136 | Chemopreventive and antitumor effects of benzyl isothiocyanate on HCC models: A possible role of HGF /pAkt/ STAT3 axis and VEGF. <b>2018</b> , 108, 65-75  |     | 8  |
| 135 | A combination of p53-activating APR-246 and phosphatidylserine-targeting antibody potently inhibits tumor development in hormone-dependent mutant p53-expressing breast cancer xenografts. <b>2018</b> , 10, 53-67           |     | 6  |
| 134 | Imidazo[2',1':2,3]thiazolo[4,5-d]pyridazinone as a new scaffold of DHFR inhibitors: Synthesis, biological evaluation and molecular modeling study. <i>Bioorganic Chemistry</i> , <b>2018</b> , 80, 11-23                     | 5.1 | 15 |
| 133 | Methylglucosylation of aromatic amino and phenolic moieties of drug-like biosynthons by combinatorial biosynthesis. <b>2018</b> , 115, E4980-E4989   |     | 29 |
| 132 | UCT943, a Next-Generation Plasmodium falciparum PI4K Inhibitor Preclinical Candidate for the Treatment of Malaria. <b>2018</b> , 62,   |     | 25 |
| 131 | Chemical Compositions of Cold-Pressed Broccoli, Carrot, and Cucumber Seed Flours and Their in Vitro Gut Microbiota Modulatory, Anti-inflammatory, and Free Radical Scavenging Properties. <b>2018</b> , 66, 9309-9317        |     | 13 |



|     |   |    |
|-----|---|----|
| 130 | Molecular Determinants of Sensitivity or Resistance of Cancer Cells Toward Sanguinarine. <b>2018</b> , 9, 136   | 18 |
| 129 | BCN057 induces intestinal stem cell repair and mitigates radiation-induced intestinal injury. <b>2018</b> , 9, 26   | 31 |
| 128 | High-mobility group box 1 protein-mediated necroptosis contributes to dasatinib-induced cardiotoxicity. <b>2018</b> , 296, 39-47  | 29 |
| 127 | MMB triazole analogs are potent NF- $\kappa$ B inhibitors and anti-cancer agents against both hematological and solid tumor cells. <b>2018</b> , 157, 562-581   | 18 |
| 126 | Cytotoxic and trypanocidal activities of cinchona alkaloid derivatives. <b>2018</b> , 92, 1778-1787   | 6  |
| 125 | Artemisone and Artemiside Are Potent Panreactive Antimalarial Agents That Also Synergize Redox Imbalance in Plasmodium falciparum Transmissible Gametocyte Stages. <b>2018</b> , 62,  | 17 |
| 124 | Semisynthetic Antimycobacterial C-3 Silicate and C-3/C-21 Ester Derivatives of Fusidic Acid: Pharmacological Evaluation and Stability Studies in Liver Microsomes, Rat Plasma, and culture. <b>2019</b> , 5, 1634-1644  | 13 |
| 123 | Concentration-dependent fabrication of short-peptide-based different self-assembled nanostructures with various morphologies and intracellular delivery property. <b>2019</b> , 3, 2110-2119  | 11 |
| 122 | Broad-spectrum Cross-resistance to Anticancer Drugs Mediated by Epidermal Growth Factor Receptor. <b>2019</b> , 39, 3585-3593   | 13 |
| 121 | ROS-dependent DNA damage contributes to crizotinib-induced hepatotoxicity via the apoptotic pathway. <b>2019</b> , 383, 114768  | 19 |
| 120 | Collateral Sensitivity of Parthenolide via NF- $\kappa$ B and HIF-1 $\alpha$ Inhibition and Epigenetic Changes in Drug-Resistant Cancer Cell Lines. <b>2019</b> , 10, 542   | 20 |
| 119 | RNA Sequencing of the NCI-60: Integration into CellMiner and CellMiner CDB. <b>2019</b> , 79, 3514-3524   | 21 |
| 118 | Discovery of tropinone-thiazole derivatives as potent caspase 3/7 activators, and noncompetitive tyrosinase inhibitors with high antiproliferative activity: Rational design, one-pot tricomponent synthesis, and lipophilicity determination. <b>2019</b> , 175, 162-171 | 22 |
| 117 | Cytotoxicity of cucurbitacin E from Citrullus colocynthis against multidrug-resistant cancer cells. <b>2019</b> , 62, 152945  | 25 |
| 116 | Collateral sensitivity of drug-resistant ABCB5- and mutation-activated EGFR overexpressing cells towards resveratrol due to modulation of SIRT1 expression. <b>2019</b> , 59, 152890  | 12 |
| 115 | Small Molecule Docking of DNA Repair Proteins Associated with Cancer Survival Following PCNA Metagene Adjustment: A Potential Novel Class of Repair Inhibitors. <b>2019</b> , 24,   | 3  |
| 114 | Fixed oil from seeds of narrow-leaved ash ( <i>F. angustifolia</i> subsp. <i>angustifolia</i> ): Chemical profile, antioxidant and antiproliferative activities. <b>2019</b> , 119, 369-377   | 9  |
| 113 | The impact of Keap1/Nrf2, PMAK/NF- $\kappa$ B and Bax/Bcl2/caspase-3 signaling pathways in the protective effects of berberine against methotrexate-induced nephrotoxicity. <b>2019</b> , 109, 47-56  | 39 |

|     |  |     |    |
|-----|--|-----|----|
| 112 | Triazene salts: Design, synthesis, ctDNA interaction, lipophilicity determination, DFT calculation, and antiproliferative activity against human cancer cell lines. <b>2019</b> , 27, 303-311              |     | 2  |
| 111 | Synthesis and structural analysis of bioactive Schiff-base pentacoordinated diorganotin(IV) complexes. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1180, 462-471                                 | 3-4 | 6  |
| 110 | Evaluation of PTA-derived ruthenium(II) and iridium(III) quinoline complexes against chloroquine-sensitive and resistant strains of the Plasmodium falciparum malaria parasite. <b>2019</b> , 191, 164-173 |     | 10 |
| 109 | Design, Synthesis, and Biological Evaluation of 2-(4-Aminophenyl)benzothiazole Analogues as Antiproliferative Agents. <b>2019</b> , 56, 520-532  |     | 7  |
| 108 | A novel tetrazole analogue of resveratrol is a potent anticancer agent. <b>2019</b> , 29, 172-178  |     | 22 |
| 107 | Structure-activity relationship studies of antiplasmodial cyclometallated ruthenium(II), rhodium(III) and iridium(III) complexes of 2-phenylbenzimidazoles. <b>2019</b> , 161, 11-21                       |     | 24 |
| 106 | Ultrasound assisted Mizoroki-Heck reaction catalyzed by Pd/C: Synthesis of 3-vinyl indoles as potential cytotoxic agents. <b>2019</b> , 12, 3836-3846  |     | 8  |
| 105 | Synthesis and evaluation of new 4(3H)-Quinazolinone derivatives as potential anticancer agents. <i>Journal of Molecular Structure</i> , <b>2020</b> , 1200, 127097   | 3-4 | 8  |
| 104 | Phenolic and glycidic profiling of bananas Musa sp associated with maturation stage and cancer chemoprevention activities. <b>2020</b> , 153, 104391   |     | 4  |
| 103 | Design and synthesis of novel ferrocene-quinoline conjugates and evaluation of their electrochemical and antiplasmodium properties. <b>2020</b> , 187, 111963  |     | 14 |
| 102 | Effect of ABC transporter expression and mutational status on survival rates of cancer patients. <b>2020</b> , 131, 110718   |     | 7  |
| 101 | Lens-Free Imaging as a Sensor for Dynamic Cell Viability Detection Using the Neutral Red Uptake Assay. <b>2020</b> , 3,  |     | 1  |
| 100 | Chemometric and Transcriptomic Profiling, Microtubule Disruption and Cell Death Induction by Secalonic Acid in Tumor Cells. <b>2020</b> , 25,  |     | 3  |
| 99  | Three-Dimensional Spheroids as In Vitro Preclinical Models for Cancer Research. <b>2020</b> , 12,  |     | 50 |
| 98  | In vitro Biological Tests as the First Tools To Validate Magnetic Nanotheranostics for Colorectal Cancer Models. <b>2020</b> , 15, 1003-1017   |     | 4  |
| 97  | A novel drug repurposing approach for non-small cell lung cancer using deep learning. <b>2020</b> , 15, e0233112   |     | 7  |
| 96  | Carbamate derivatives of colchicine show potent activity towards primary acute lymphoblastic leukemia and primary breast cancer cells-in vitro and ex vivo study. <b>2020</b> , 34, e22487                 |     | 7  |
| 95  | Synthesis, biological evaluation and virtual screening of some acridone derivatives as potential anticancer agents. <b>2020</b> , 28, 115426   |     | 6  |

|    |   |     |    |
|----|---|-----|----|
| 94 | Structure Activity Relationship of 4-Phenyl-1-(1-Acylindolin-5-Ylsulfonyl)Pyrrolidin-2-Ones on Anticancer Activity. <b>2020</b> , 41, 468-471   |     | 1  |
| 93 | An investigative study of antitumor properties of a novel thiazolo[4,5-d]pyrimidine small molecule revealing superior antitumor activity with CDK1 selectivity and potent pro-apoptotic properties. <b>2020</b> , 28, 115633  |     | 3  |
| 92 | Intratumor Heterogeneity and Therapy Resistance: Contributions of Dormancy, Apoptosis Reversal (Anastasis) and Cell Fusion to Disease Recurrence. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,  | 6.3 | 30 |
| 91 | Magnetic Nanoheterostructures. <b>2020</b> ,  |     | 3  |
| 90 | Optimal 10-Aminoartemisinins With Potent Transmission-Blocking Capabilities for New Artemisinin Combination Therapies-Activities Against Blood Stage Including K13 C580Y Mutants and Liver Stage Parasites. <b>2019</b> , 7, 901  |     | 6  |
| 89 | High sensitivity of rat cardiomyoblast H9c2(2-1) cells to Gambierdiscus toxic compounds. <b>2020</b> , 223, 105475  |     | 0  |
| 88 | The design and development of short peptide-based novel smart materials to prevent fouling by the formation of non-toxic and biocompatible coatings.. <b>2020</b> , 10, 13420-13429   |     | 7  |
| 87 | Synthesis and biological evaluation of novel quinoline-piperidine scaffolds as antiplasmodium agents. <b>2020</b> , 198, 112330   |     | 14 |
| 86 | Synthesis and cytotoxic effects of 2-thio-3,4-dihydroquinazoline derivatives as novel T-type calcium channel blockers. <b>2020</b> , 28, 115491   |     | 3  |
| 85 | s-HBEGF/SIRT1 circuit-dictated crosstalk between vascular endothelial cells and keratinocytes mediates sorafenib-induced hand-foot skin reaction that can be reversed by nicotinamide. <b>2020</b> , 30, 779-793  |     | 12 |
| 84 | Drug repurposing using transcriptome sequencing and virtual drug screening in a patient with glioblastoma. <b>2021</b> , 39, 670-685  |     | 3  |
| 83 | Multistage and transmission-blocking targeted antimalarials discovered from the open-source MMV Pandemic Response Box. <b>2021</b> , 12, 269  |     | 18 |
| 82 | 7-(2-Anilinopyrimidin-4-yl)-1-benzazepin-2-ones Designed by a "Cut and Glue" Strategy Are Dual Aurora A/VEGF-R Kinase Inhibitors. <b>2021</b> , 26,   |     | 1  |
| 81 | Effect of the dichloro-substitution on antiproliferative activity of phthalimide-thiazole derivatives. Rational design, synthesis, elastase, caspase 3/7, and EGFR tyrosine kinase activity and molecular modeling study. <i>Bioorganic Chemistry</i> , <b>2021</b> , 110, 104819 | 5.1 | 7  |
| 80 | Diallyl Disulfide Attenuates Methotrexate-Induced Hepatic Oxidative Injury, Inflammation and Apoptosis and Enhances its Anti-tumor Activity. <b>2021</b> ,  |     | 1  |
| 79 | In Vitro Effects of Selective COX and LOX Inhibitors and Their Combinations with Antineoplastic Drugs in the Mouse Melanoma Cell Line B16F10. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,  | 6.3 | 2  |
| 78 | Synthesis, antimicrobial, anti-proliferative activities, molecular docking and DFT studies of novel pyrazolo[5,1-c][1, 2, 4]triazine-3-carboxamide derivatives. <b>2021</b> , 1-17  |     | 10 |
| 77 | Nanomolar potency of imidazo[2,1-b]thiazole analogs as indoleamine 2,3-dioxygenase inhibitors. <b>2021</b> , 354, e2100202  |     | 1  |

|    |  |       |
|----|--|-------|
| 76 | Chemical Composition and Cytotoxic Activity of the Essential Oil and Oleoresins of In Vitro Micropropagated Lindl: A Vulnerable Medicinal Orchid of Africa. <b>2021</b> , 26,  | 1     |
| 75 | Single and double modified salinomycin analogs target stem-like cells in 2D and 3D breast cancer models. <b>2021</b> , 141, 111815   | 0     |
| 74 | Pharmacological Evaluation of Novel 1,2,4-triazine Derivatives Containing Thiazole Ring Against Hepatocellular Carcinoma. <b>2021</b> , 17,  | 0     |
| 73 | Antitumor properties of novel sesquiterpene lactone analogs as NFB inhibitors that bind to the IKK $\beta$ ubiquitin-like domain (ULD). <b>2021</b> , 224, 113675  | 2     |
| 72 | The NCI Human Tumor Cell Line (60-Cell) Screen. <b>2004</b> , 41-61  | 11    |
| 71 | In vitro assays for induction of drug metabolism. <b>2009</b> , 481, 47-58   | 21    |
| 70 | Preclinical testing of virotherapeutics for primary and secondary tumors of the liver. <b>2012</b> , 806, 121-36   | 4     |
| 69 | Toxicity Assessment of Nanomaterials. <b>2020</b> , 383-446  | 3     |
| 68 | A real time colorimetric two in one kit for tracking ppb levels of uric acid and Hg <sup>2+</sup> in live HeLa S3 cells and Hg <sup>2+</sup> induced keto-enol tautomerism. <b>2016</b> , 6, 62990-62998             | 13    |
| 67 | Bacillus amyloliquefaciens orthologue of Bacillus subtilis ywrO encodes a nitroreductase enzyme which activates the prodrug CB 1954. <b>2002</b> , 148, 297-306  | 26    |
| 66 | Multistage and transmission-blocking targeted antimalarials discovered from the open-source MMV Pandemic Response Box.   | 2     |
| 65 | Nitrosylcobalamin potentiates the anti-neoplastic effects of chemotherapeutic agents via suppression of survival signaling. <b>2007</b> , 2, e1313   | 18    |
| 64 | A novel muscarinic antagonist R2HBJJ inhibits non-small cell lung cancer cell growth and arrests the cell cycle in G <sub>0</sub> /G <sub>1</sub> . <b>2012</b> , 7, e53170  | 16    |
| 63 | NCI-60 whole exome sequencing and pharmacological CellMiner analyses. <b>2014</b> , 9, e101670   | 29    |
| 62 | Chemical composition and biological activities of trans-Himalayan alga Spirogyra porticalis (Muell.) Cleve. <b>2015</b> , 10, e0118255   | 9     |
| 61 | Determination of the Mutagenicity Potential of Dillsun Herbal Medicine by Single Cell Gel Electrophoresis in Rat Hepatocytes. <i>Jundishapur Journal of Natural Pharmaceutical Products</i> , <b>2013</b> , 8, 55-59 | 1.1 1 |
| 60 | Synthesis and antiproliferative activity of coumarin-estrogen conjugates against breast cancer cell lines. <b>2009</b> , 6, 133-138  | 23    |
| 59 | Synthesis and Evaluation of 2-Naphthaleno trans-Stilbenes and Cyanostilbenes as Anticancer Agents. <b>2018</b> , 18, 556-564   | 6     |

|    |  |     |    |
|----|--|-----|----|
| 58 | Retrospective study of small pet tumors treated with <i>Artemisia annua</i> and iron. <b>2020</b> , 56, 123-138  |     | 4  |
| 57 | Selective killing effect of oxytetracycline, propafenone and metamizole on A549 or Hela cells. <b>2013</b> , 25, 662-70  |     | 8  |
| 56 | Preclinical screening methods in cancer. <b>2016</b> , 48, 481-486   |     | 30 |
| 55 | Chemical constituents and biological activities of two Iranian <i>Cystoseira</i> species. <b>2016</b> , 11, 311-7  |     | 16 |
| 54 | Correlative effect between in vivo hollow fiber assay and xenografts assay in drug screening. <b>2005</b> , 37, 196-200  |     | 5  |
| 53 | Diarylheptanoids from the Roots of <i>Juglans mandshurica</i> . <b>2004</b> , 25, 397-399  |     | 28 |
| 52 | DNA Topoisomerases I and II Inhibition and Cytotoxicity of Constituents from the Roots of <i>Rubia cordifolia</i> . <b>2006</b> , 27, 1231-1234  |     | 10 |
| 51 | Development of kNN QSAR Models for 3-Arylisoquinoline Antitumor Agents. <b>2011</b> , 32, 2397-2404  |     | 24 |
| 50 | Evaluation of T-Type Calcium Channel Blockers against Human Pancreatic MIA PaCa-2 Carcinoma Xenografts. <b>2013</b> , 34, 482-488  |     | 6  |
| 49 | DNA Topoisomerases I and II Inhibitory Activity and Cytotoxicity of Compounds from the Stems of <i>Parthenocissus tricuspidata</i> . <b>2013</b> , 34, 2675-2679   |     | 4  |
| 48 | Long term follow-up of neoadjuvant-adjuvant combination treatment of IIIA stage non-small-cell-lung cancer: results of neoadjuvant carboplatin/vinorelbine and carboplatin/paclitaxel regimens combined with selective adjuvant chemotherapy according to in-vitro chemoresistance test. <b>2008</b> , 152, 259-66 |     | 1  |
| 47 | Determination of the mutagenicity potential of supermint herbal medicine by single cell gel electrophoresis in rat hepatocytes. <b>2012</b> , 2, 245-8   |     | 6  |
| 46 | Determination of the Mutagenicity Potential of Sankol Herbal Medicine by Single Cell Gel Electrophoresis in Rat Hepatocytes in Comparison With H <sub>2</sub> O <sub>2</sub> . <i>Jundishapur Journal of Natural Pharmaceutical Products</i> , <b>2012</b> , 7, 123-126  | 1.1 | 1  |
| 45 | RNAi-MEDIATED SUPPRESSION OF PUTATIVE TUMOR SUPPRESSOR S100A2 IN HUMAN BRONCHIAL EPITHELIAL CELLS. <b>2004</b> , 30, 651-656   |     | 1  |
| 44 | Anticancer Activity of Ultrasonified Extracts from Seawater-based Culture of the Microalga <i>Spirulina platensis</i> . <b>2006</b> , 39, 318-325  |     | 1  |
| 43 | Geranyl Derivatives of Salsolinol Show Increased Biological Activities. <b>2009</b> , 77, 1355   |     | 2  |
| 42 | Determination of the Mutagenicity Potential of Sankol Herbal Medicine by Single Cell Gel Electrophoresis in Rat Hepatocytes in Comparison With H <sub>2</sub> O <sub>2</sub> . <i>Jundishapur Journal of Natural Pharmaceutical Products</i> , <b>2012</b> , 7, 123-126  | 1.1 |    |
| 41 | In Vitro Assessment of Biocompatibility for Orthodontic Materials. <b>2013</b> , 61-78   |     | 1  |

|    |   |     |    |
|----|---|-----|----|
| 40 | Determination of the Mutagenicity Potential of Dillsun Herbal Medicine by Single Cell Gel Electrophoresis in Rat Hepatocytes. <i>Jundishapur Journal of Natural Pharmaceutical Products</i> , <b>2013</b> , 8, 55-59  | 1.1 |    |
| 39 | In vitro systems for anticancer drug testing. <b>1992</b> , 55-85   |     |    |
| 38 | Challenges and Opportunities in New Drug Development. <b>1996</b> , 1-13  |     |    |
| 37 | In-vitro Cytotoxicity Studies on Methanolic Leaf Extract of Embelia Ribes Burm F - an Important Traditional Medicinal Plant of Kerala. <b>2016</b> , 1,   |     |    |
| 36 | Antioxidant Activity of Methoxylated Flavonoids in Oils in Deep Frying Processes. <b>2018</b> , 09, 1273-1284   |     |    |
| 35 | Novel insights to the anti-proliferative activity of rosemary ( <i>Rosmarinus officinalis</i> L.) co-treatment. <b>2019</b> , 44-51   |     | 0  |
| 34 | Repurposing of the ALK Inhibitor Crizotinib for Acute Leukemia and Multiple Myeloma Cells. <b>2021</b> , 14,  |     | 1  |
| 33 | Studies of anticancer and antipyretic activity of <i>Bidens pilosa</i> whole plant. <b>2006</b> , 6, 27-30  |     | 17 |
| 32 | Cytotoxic and anti-HIV phenanthroindolizidine alkaloids from <i>Cryptocarya chinensis</i> . <b>2012</b> , 7, 725-7  |     | 9  |
| 31 | Determination of the Mutagenicity Potential of Sankol Herbal Medicine by Single Cell Gel Electrophoresis in Rat Hepatocytes in Comparison With H <sub>2</sub> O <sub>2</sub> . <i>Jundishapur Journal of Natural Pharmaceutical Products</i> , <b>2012</b> , 7, 123-6                       | 1.1 |    |
| 30 | Determination of the mutagenicity potential of dillsun herbal medicine by single cell gel electrophoresis in rat hepatocytes. <i>Jundishapur Journal of Natural Pharmaceutical Products</i> , <b>2013</b> , 8, 55-9 <sup>1.1</sup>  |     | 1  |
| 29 | Verteporfin inhibits YAP function through up-regulating 14-3-3 $\beta$ sequestering YAP in the cytoplasm. <i>American Journal of Cancer Research</i> , <b>2016</b> , 6, 27-37   | 4.4 | 85 |
| 28 | YAP/TAZ regulates the insulin signaling via IRS1/2 in endometrial cancer. <i>American Journal of Cancer Research</i> , <b>2016</b> , 6, 996-1010  | 4.4 | 20 |
| 27 | The complexity of radiation stress responses: analysis by informatics and functional genomics approaches. <i>Gene Expression</i> , <b>1999</b> , 7, 387-400   | 3.4 | 48 |
| 26 | Ring A/B-Modified 17 $\beta$ -Hydroxywithanolide Analogues as Antiproliferative Agents for Prostate Cancer and Potentiators of Immunotherapy for Renal Carcinoma and Melanoma. <i>Journal of Natural Products</i> , <b>2021</b> ,   | 4.9 | 0  |
| 25 | In Vitro and In Vivo Approaches for Screening the Potential of Anti Cancer Agents: A Review.. <i>Current Drug Discovery Technologies</i> , <b>2022</b> ,  | 1.5 |    |
| 24 | The estrogen receptor beta agonist liquiritigenin enhances the inhibitory effects of the cholesterol biosynthesis inhibitor RO 48-8071 on hormone-dependent breast-cancer growth.. <i>Breast Cancer Research and Treatment</i> , <b>2022</b> , 1  | 4.4 | 1  |
| 23 | Identification of a promising hit from a new series of pyrazolo[1,5-a]pyrimidine based compounds as a potential anticancer agent with potent CDK1 inhibitory and pro-apoptotic properties through a multistep in vitro assessment.. <i>Bioorganic Chemistry</i> , <b>2022</b> , 120, 105646 | 5.1 | 2  |

|    |   |      |    |
|----|---|------|----|
| 22 | A review of alternative methods to the use of animals in safety evaluation of cosmetics.. <i>Einstein (Sao Paulo, Brazil)</i> , <b>2022</b> , 20, eRB5578   | 1.2  |    |
| 21 | Ultrasound assisted effective synthesis of benzopril based indole derivatives, docking studies: And there in vitro anti-proliferative effects on various cancer cell lines. <i>Journal of Molecular Structure</i> , <b>2022</b> , 1254, 132287  | 3.4  | 1  |
| 20 | Daidzein and chicory extract arrest the cell cycle via inhibition of cyclin D/CDK4 and cyclin A/CDK2 gene expression in hepatocellular carcinoma.. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , <b>2022</b> ,  | 2.6  | 2  |
| 19 | Data_Sheet_1.docx. <b>2020</b> ,  |      |    |
| 18 | Table_1.XLS. <b>2020</b> ,  |      |    |
| 17 | Turn-on Fluorescent Biosensors for Imaging Hypoxia-like Conditions in Living Cells.. <i>Journal of the American Chemical Society</i> , <b>2022</b> ,  | 16.4 | 4  |
| 16 | Synthesis, biological evaluation and docking studies of methylene bearing cyanopyrimidine derivatives possessing a hydrazone moiety as potent Lysine specific demethylase-1 (LSD1) inhibitors: A promising anticancer agents. <i>Bioorganic Chemistry</i> , <b>2022</b> , 126, 105885 | 5.1  | 1  |
| 15 | Discovery of New 3,3-Diethylazetidione-2,4-dione Based Thiazoles as Nanomolar Human Neutrophil Elastase Inhibitors with Broad-Spectrum Antiproliferative Activity. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23, 7566  | 6.3  | 1  |
| 14 | Polyamine catabolism in platinum drug action: Interactions between oxaliplatin and the polyamine analogue N1,N11-diethylnorspermine at the level of spermidine/spermine N1-acetyltransferase. <i>Molecular Cancer Therapeutics</i> , <b>2004</b> , 3, 813-822                         | 6.1  | 13 |
| 13 | Transient adenoviral N-methylpurine DNA glycosylase overexpression imparts chemotherapeutic sensitivity to human breast cancer cells. <i>Molecular Cancer Therapeutics</i> , <b>2004</b> , 3, 955-967   | 6.1  | 18 |
| 12 | Identification of Novel 4?-O-Demethyl-epipodophyllotoxin Derivatives as Antitumor Agents Targeting Topoisomerase II. <b>2022</b> , 27, 5029   |      | 0  |
| 11 | Modulating the Siah2-PHD3-HIF1 $\alpha$ axis and/or autophagy potentially retard colon cancer proliferation possibly, due to the damping of colon cancer stem cells. <b>2022</b> , 154, 113562  |      |    |
| 10 | Methods for Rational Design and Discovery of Multitarget Drugs. <b>2022</b> , 781-814   |      | 0  |
| 9  | Heterocycles in Breast Cancer Treatment: The use of Pyrazole Derivatives. <b>2022</b> , 29,   |      | 0  |
| 8  | Addressing artifacts of colorimetric anticancer assays for plant-based drug development. <b>2022</b> , 39,  |      | 0  |
| 7  | Advances in antitumor research of CA-4 analogs carrying quinoline scaffold. 10,   |      | 0  |
| 6  | What Are the Reasons for Continuing Failures in Cancer Therapy? Are Misleading/Inappropriate Preclinical Assays to Be Blamed? Might Some Modern Therapies Cause More Harm than Benefit?. <b>2022</b> , 23, 13217  |      | 2  |
| 5  | Design, synthesis and molecular modeling study of certain quinazolinone derivatives targeting poly (ADP-ribose) polymerase 1 (PARP-1) enzyme as anti-breast cancer and radio-sensitizers. <b>2023</b> , 1273, 134358  |      | 1  |

- 4 Spectrofluorimetric and Computational Investigation of New Phthalimide Derivatives towards Human Neutrophil Elastase Inhibition and Antiproliferative Activity. **2023**, 24, 110 ○
- 3 CLC-Pred 2.0: A Freely Available Web Application for In Silico Prediction of Human Cell Line Cytotoxicity and Molecular Mechanisms of Action for Druglike Compounds. **2023**, 24, 1689 1
- 2 Vegetative part of *Nigella sativa* L. potential antineoplastic sources against Hep2 and MCF7 human cancer cell lines. **2023**, 17, ○
- 1 Isolation and identification of novel selective antitumor constituents, sidrin and sidroside, from *Zizyphus spina-christi*. **2023**, 31, 1019-1028 ○