Istvan Zupko

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8733420/publications.pdf

Version: 2024-02-01

159 papers	3,828 citations	126858 33 h-index	182361 51 g-index
162 all docs	162 docs citations	162 times ranked	5320 citing authors

#	Article	IF	Citations
1	Lomustine and n-propyl gallate co-encapsulated liposomes for targeting glioblastoma multiforme via intranasal route. , 2022, , .		0
2	Jacaranone Derivatives with Antiproliferative Activity from Crepis pulchra and Relevance of This Group of Plant Metabolites. Plants, 2022, 11, 782.	1.6	4
3	Development of Lomustine and n-Propyl Gallate Co-Encapsulated Liposomes for Targeting Glioblastoma Multiforme via Intranasal Administration. Pharmaceutics, 2022, 14, 631.	2.0	11
4	Melanin and Melanin-Functionalized Nanoparticles as Promising Tools in Cancer Researchâ€"A Review. Cancers, 2022, 14, 1838.	1.7	23
5	Divergent Synthesis, Antiproliferative and Antimicrobial Studies of 1,3â€Aminoalcohol and 3â€Aminoâ€1,2â€Diol Based Diaminopyrimidines. Chemistry and Biodiversity, 2022, 19, e202200077.	1.0	4
6	Spray-dried indomethacin-loaded polymeric micelles for the improvement of intestinal drug release and permeability. European Journal of Pharmaceutical Sciences, 2022, 174, 106200.	1.9	9
7	Synthesis and evaluation of anticancer activities of 2- or 4-substituted 3-(N-benzyltriazolylmethyl)-13Î±-oestrone derivatives. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 58-67.	2.5	8
8	Transition metal-catalysed A-ring Câ€"H activations and C(sp2)â€"C(sp2) couplings in the 13Î±-oestrone series and inÂvitro evaluation of antiproliferative properties. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 895-902.	2.5	2
9	Antiproliferative and antimetastatic characterization of an exo-heterocyclic androstane derivative against human breast cancer cell lines. Biomedicine and Pharmacotherapy, 2021, 140, 111728.	2.5	4
10	Photodegradation of Bexarotene and Its Implication for Cytotoxicity. Pharmaceutics, 2021, 13, 1220.	2.0	2
11	Biological evaluation of antiproliferative and anti-invasive properties of an androstadiene derivative on human cervical cancer cell lines. Journal of Steroid Biochemistry and Molecular Biology, 2021, 214, 105990.	1.2	6
12	Heterocyclic androstane and estrane d-ring modified steroids: Microwave-assisted synthesis, steroid-converting enzyme inhibition, apoptosis induction, and effects on genes encoding estrogen inactivating enzymes. Journal of Steroid Biochemistry and Molecular Biology, 2021, 214, 105997.	1.2	5
13	Microwave-assisted Phospha-Michael addition reactions in the 13Î±-oestrone series and in vitro antiproliferative properties. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 1931-1937.	2.5	3
14	Synthesis and Biological Application of Isosteviol-Based 1,3-Aminoalcohols. International Journal of Molecular Sciences, 2021, 22, 11232.	1.8	13
15	Isolation, Structure Determination of Sesquiterpenes from Neurolaena lobata and Their Antiproliferative, Cell Cycle Arrest-Inducing and Anti-Invasive Properties against Human Cervical Tumor Cells. Pharmaceutics, 2021, 13, 2088.	2.0	2
16	Squalenoylated Nanoparticle Pro-Drugs of Adjuvant Antitumor 11Î±-Hydroxyecdysteroid 2,3-Acetonides Act as Cytoprotective Agents Against Doxorubicin and Paclitaxel. Frontiers in Pharmacology, 2020, 11, 552088.	1.6	3
17	Photostability Testing of a Third-Generation Retinoidâ€"Tazarotene in the Presence of UV Absorbers. Pharmaceutics, 2020, 12, 899.	2.0	5
18	Pd-catalyzed Suzukiâ€"Miyaura couplings and evaluation of 13Î±-estrone derivatives as potential anticancer agents. Steroids, 2020, 164, 108731.	0.8	8

#	Article	IF	Citations
19	Oxidized Juncuenin B Analogues with Increased Antiproliferative Activity on Human Adherent Cell Lines: Semisynthesis and Biological Evaluation. Journal of Natural Products, 2020, 83, 3250-3261.	1.5	7
20	AAPH or Peroxynitrite-Induced Biorelevant Oxidation of Methyl Caffeate Yields a Potent Antitumor Metabolite. Biomolecules, 2020, 10, 1537.	1.8	7
21	A Potential Involvement of Anandamide in the Modulation of HO/NOS Systems: Women, Menopause, and â€œMedical Cannabinoidsâ€• International Journal of Molecular Sciences, 2020, 21, 8801.	1.8	2
22	Protoflavone-Chalcone Hybrids Exhibit Enhanced Antitumor Action through Modulating Redox Balance, Depolarizing the Mitochondrial Membrane, and Inhibiting ATR-Dependent Signaling. Antioxidants, 2020, 9, 519.	2.2	12
23	Synthesis and Cytotoxic Activity of New Vindoline Derivatives Coupled to Natural and Synthetic Pharmacophores. Molecules, 2020, 25, 1010.	1.7	10
24	Botanical Therapeutics (Part II): Antimicrobial and In Vitro Anticancer Activity against MCF7 Human Breast Cancer Cells of Chamomile, Parsley and Celery Alcoholic Extracts. Anti-Cancer Agents in Medicinal Chemistry, 2020, 21, 187-200.	0.9	7
25	Stereoselective Synthesis and Antiproliferative Activity of Steviol-Based Diterpen Aminodiols. International Journal of Molecular Sciences, 2020, 21, 184.	1.8	9
26	Synthesis and biological evaluation of cis-restrained carbocyclic combretastatin A-4 analogs: Influence of the ring size and saturation on cytotoxic properties. Bioorganic and Medicinal Chemistry, 2019, 27, 115032.	1.4	15
27	Sesquiterpene Lactones and Flavonoids from Psephellus pyrrhoblepharus with Antiproliferative Activity on Human Gynecological Cancer Cell Lines. Molecules, 2019, 24, 3165.	1.7	14
28	Stereocontrolled synthesis of the four possible 3-methoxy and 3-benzyloxy-16-triazolyl-methyl-estra-17-ol hybrids and their antiproliferative activities. Steroids, 2019, 152, 108500.	0.8	6
29	Chondroitin-Sulfate-A-Coated Magnetite Nanoparticles: Synthesis, Characterization and Testing to Predict Their Colloidal Behavior in Biological Milieu. International Journal of Molecular Sciences, 2019, 20, 4096.	1.8	18
30	Anti-Cancer Activity of Novel Dihydrotestosterone-Derived Ring A-Condensed Pyrazoles on Androgen Non-Responsive Prostate Cancer Cell Lines. International Journal of Molecular Sciences, 2019, 20, 2170.	1.8	11
31	Synthesis and In Vitro Antitumor Activity of Naringenin Oxime and Oxime Ether Derivatives. International Journal of Molecular Sciences, 2019, 20, 2184.	1.8	25
32	A Comprehensive Assessment of Apigenin as an Antiproliferative, Proapoptotic, Antiangiogenic and Immunomodulatory Phytocompound. Nutrients, 2019, 11, 858.	1.7	63
33	Cocrystal Formation of Betulinic Acid and Ascorbic Acid: Synthesis, Physico-Chemical Assessment, Antioxidant, and Antiproliferative Activity. Frontiers in Chemistry, 2019, 7, 92.	1.8	23
34	Phytochemical Characterization and Evaluation of the Antimicrobial, Antiproliferative and Pro-Apoptotic Potential of Ephedra alata Decne. Hydroalcoholic Extract against the MCF-7 Breast Cancer Cell Line. Molecules, 2019, 24, 13.	1.7	63
35	Investigation of natural phenanthrenes and the antiproliferative potential of juncusol in cervical cancer cell lines. Phytomedicine, 2019, 58, 152770.	2.3	14
36	Phenanthrenes from Juncus atratus with antiproliferative activity. Tetrahedron, 2019, 75, 116-120.	1.0	9

#	Article	IF	Citations
37	Stereoselective synthesis of the four 16-hydroxymethyl-3-methoxy- and 16-hydroxymethyl-3-benzyloxy-13 Î± -estra-1,3,5(10)-trien-17-ol isomers and their antiproliferative activities. Steroids, 2018, 134, 67-77.	0.8	9
38	Synthesis, spectral- and theoretical study, x-ray analysis, and antiproliferative activity of 4,5-dihydrobenzoferroceno[1,2-d][1,2,3]selenadiazole and its benzo-fused analogue. Journal of Organometallic Chemistry, 2018, 863, 70-76.	0.8	10
39	Nitrogen-containing ecdysteroid derivatives vs. multi-drug resistance in cancer: Preparation and antitumor activity of oximes, oxime ethers and a lactam. European Journal of Medicinal Chemistry, 2018, 144, 730-739.	2.6	30
40	Multifunctional PEG-carboxylate copolymer coated superparamagnetic iron oxide nanoparticles for biomedical application. Journal of Magnetism and Magnetic Materials, 2018, 451, 710-720.	1.0	55
41	Botanical Therapeutics: Phytochemical Screening and Biological Assessment of Chamomile, Parsley and Celery Extracts against A375 Human Melanoma and Dendritic Cells. International Journal of Molecular Sciences, 2018, 19, 3624.	1.8	30
42	Synthesis and Transformation of (-)-Isopulegol-Based Chiral Î²-Aminolactones and Î²-Aminoamides. International Journal of Molecular Sciences, 2018, 19, 3522.	1.8	9
43	Microwave-assisted synthesis of biologically relevant steroidal 17-exo-pyrazol-5'-ones from a norpregnene precursor by a side-chain elongation/heterocyclization sequence. Beilstein Journal of Organic Chemistry, 2018, 14, 2589-2596.	1.3	8
44	Phenanthrenes from Juncus Compressus Jacq. with Promising Antiproliferative and Anti-HSV-2 Activities. Molecules, 2018, 23, 2085.	1.7	13
45	Antiproliferative Properties of Newly Synthesized 19-Nortestosterone Analogs Without Substantial Androgenic Activity. Frontiers in Pharmacology, 2018, 9, 825.	1.6	8
46	Antiproliferative and antimetastatic properties of 3-benzyloxy-16-hydroxymethylene-estradiol analogs against breast cancer cell lines. European Journal of Pharmaceutical Sciences, 2018, 123, 362-370.	1.9	7
47	Stereoselective Synthesis, Synthetic and Pharmacological Application of Monoterpene-Based 1,2,4- and 1,3,4-Oxadiazoles. International Journal of Molecular Sciences, 2018, 19, 81.	1.8	15
48	Antiproliferative and Antimicrobial Activities of Selected Bryophytes. Molecules, 2018, 23, 1520.	1.7	32
49	New iridoids from the roots of Valeriana dioscoridis Sm.. FÃ¬toterapÃ¬Ã¢, 2018, 130, 73-78.	1.1	20
50	Steroidal Anticancer Agents: An Overview of Estradiol-related Compounds. Anti-Cancer Agents in Medicinal Chemistry, 2018, 18, 652-666.	0.9	27
51	A junkuenin B fÃ©lszintetikus szÃ¡rmazÃ©kainak elÅ‘Ã¡llÃtÃ¡sa Ã©s a vegyÃ¼letek antiproliferatÃv hatÃ¡sÃ¡nak vizsgÃ¡lata. , 2018, , .		0
52	Synthesis and evaluation cytotoxic and antioxidant effects of naringenin oxime relative to naringenin on human cancer cell lines. , 2018, , .		0
53	Mechanism of antiproliferative action of a new d -secoestrone-triazole derivative in cervical cancer cells and its effect on cancer cell motility. Journal of Steroid Biochemistry and Molecular Biology, 2017, 165, 247-257.	1.2	17
54	Synthesis and in vitro investigation of potential antiproliferative monosaccharideâ€“d-secoestrone bioconjugates. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 1938-1942.	1.0	8

#	Article	IF	Citations
55	Abietane diterpenoids from Sideritis montana L. and their antiproliferative activity. FÃ¬toterapÃ¬Ã¢, 2017, 122, 90-94.	1.1	15
56	Investigation of pH and substituent effects on the distribution ratio of novel steroidal ring D- and A-fused arylpyrazole regioisomers and evaluation of their cell-growth inhibitory effects in vitro. Steroids, 2017, 126, 35-49.	0.8	13
57	Stereoselective Synthesis and Antiproliferative Activity of Monoterpene-Fused 2- Imino-1,3-oxazines. Current Organic Synthesis, 2017, 14, 612-619.	0.7	5
58	HazaiÂmohafajokÂfitokÃ©miaiÂÃ©sÂfarmakolÃ³giaiÂvizsgÃ¡lata. , 2017, , .		0
59	Germinated and Ungerminated Seeds Extract from TwoLupinusSpecies: Biological Compounds Characterization and In Vitro and In Vivo Evaluations. Evidence-based Complementary and Alternative Medicine, 2016, 2016, 1-8.	0.5	11
60	Investigation of the Antiproliferative Properties of Natural Sesquiterpenes from Artemisia asiatica and Onopordum acanthium on HL-60 Cells in Vitro. International Journal of Molecular Sciences, 2016, 17, 83.	1.8	17
61	Synthesis and in Vitro Antiproliferative Evaluation of C-13 Epimers of Triazolyl-d-Secoestrone Alcohols: The First Potent 13Î±-d-Secoestrone Derivative. Molecules, 2016, 21, 611.	1.7	26
62	Synthesis and Biological Evaluation of Triazolyl 13Î±-Estroneâ€“Nucleoside Bioconjugates. Molecules, 2016, 21, 1212.	1.7	14
63	Anti-proliferative and antibacterialin vitroevaluation of the polyurethane nanostructures incorporating pentacyclic triterpenes. Pharmaceutical Biology, 2016, 54, 2714-2722.	1.3	18
64	Synthesis of novel 17-(4â€²-formyl)pyrazolylandrosta-5,16-dienes and their derivatives as potent 17Î±-hydroxylase/C17,20-lyase inhibitors or antiproliferative agents depending on the substitution pattern of the heteroring. European Journal of Medicinal Chemistry, 2016, 120, 284-295.	2.6	22
65	Microwave-assisted stereoselective approach to novel steroidal ring D-fused 2-pyrazolines and an evaluation of their cell-growth inhibitory effects in vitro. Steroids, 2016, 112, 36-46.	0.8	14
66	Synthesis and biological evaluation of 13Î±-estrone derivatives as potential antiproliferative agents. Steroids, 2016, 113, 14-21.	0.8	24
67	Regio- and stereoselective synthesis of pregnane-fused isoxazolines by nitril-oxide/alkene 1,3-dipolar cycloaddition and an evaluation of their cell-growth inhibitory effect inÂvitro. Journal of Molecular Structure, 2016, 1110, 143-149.	1.8	2
68	Stereocontrolled synthesis of the four 16-hydroxymethyl-19-nortestosterone isomers and their antiproliferative activities. Steroids, 2016, 105, 113-120.	0.8	7
69	Microwave-assisted one-pot synthesis of steroidâ€“quinoline hybrids and an evaluation of their antiproliferative activities on gynecological cancer cell lines. RSC Advances, 2016, 6, 27501-27516.	1.7	25
70	Synthesis andin vitropharmacological evaluation ofN-[(1-benzyl-1,2,3-triazol-4-yl)methyl]-carboxamides on<scp>d</scp>-secoestrone scaffolds. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 574-579.	2.5	17
71	Antiproliferative Effects of Various Furanoacridones Isolated from Ruta graveolens on Human Breast Cancer Cell Lines. Anticancer Research, 2016, 36, 2751-8.	0.5	13
72	A molecular understanding of <scp>d</scp>â€homoestroneâ€induced G2/M cell cycle arrest in HeLa human cervical carcinoma cells. Journal of Cellular and Molecular Medicine, 2015, 19, 2365-2374.	1.6	12

#	Article	IF	Citations
73	Solid-State Characterization and Biological Activity of Betulonic Acid Derivatives. Molecules, 2015, 20, 22691-22702.	1.7	13
74	A Click Approach to Novel D-Ring-Substituted 16Î±-Triazolylestrone Derivatives and Characterization of Their Antiproliferative Properties. PLoS ONE, 2015, 10, e0118104.	1.1	13
75	Anticancer Properties of Natural Products. BioMed Research International, 2015, 2015, 1-2.	0.9	8
76	PreliminaryIn VitroEvaluation of Genistein Chemopreventive Capacity as a Result of Esterification and Cyclodextrin Encapsulation. Analytical Cellular Pathology, 2015, 2015, 1-8.	0.7	3
77	Polyurethane Microstructures-a Good or Bad in vitro Partner for the Isoflavone Genistein?. Natural Product Communications, 2015, 10, 1934578X1501000.	0.2	6
78	Synthesis of antiproliferative 13Î±-d-homoestrones via Lewis acid-promoted one-pot Prinsâ€“Ritter reactions of d-secosteroidal Î´-alkenyl-aldehydes. Steroids, 2015, 102, 76-84.	0.8	12
79	The germacranolide sesquiterpene lactone neurolenin B of the medicinal plant Neurolaena lobata (L.) R.Br. ex Cass inhibits NPM/ALK-driven cell expansion and NF-ÎºB-driven tumour intravasation. Phytomedicine, 2015, 22, 862-874.	2.3	9
80	Synthesis of methoxycarbonylpyrazolylandrostene derivatives, and their potential inhibitory effect on androgen biosynthesis and cell proliferation. Steroids, 2015, 98, 143-152.	0.8	17
81	Synthesis of trans-16-triazolyl-13Î±-methyl-17-estradiol diastereomers and the effects of structural modifications on their in vitro antiproliferative activities. Journal of Steroid Biochemistry and Molecular Biology, 2015, 150, 123-134.	1.2	29
82	Lewis acid-induced intramolecular access to novel steroidal ring D-condensed arylpyrazolines exerting in vitro cell-growth-inhibitory effects. Molecular Diversity, 2015, 19, 511-527.	2.1	12
83	Efficient access to novel androsteno-17-(1â€²,3â€²,4â€²)-oxadiazoles and 17Î²-(1â€²,3â€²,4â€²)-thiadiazoles via N-substituted hydrazone and N,Nâ€²-disubstituted hydrazine intermediates, and their pharmacological evaluation inÂvitro. European Journal of Medicinal Chemistry, 2015, 98, 13-29.	2.6	28
84	Synthesis of novel 17-(5â€²-iodo)triazolyl-3-methoxyestrane epimers via Cu(I)-catalyzed azideâ€“alkyne cycloadditon, and an evaluation of their cytotoxic activity in vitro. Steroids, 2015, 98, 153-165.	0.8	6
85	Lobatin B inhibits NPM/ALK and NF-ÎºB attenuating anaplastic-large-cell-lymphomagenesis and lymphendothelial tumour intravasation. Cancer Letters, 2015, 356, 994-1006.	3.2	8
86	Anticancer and Multidrug Resistance-Reversal Effects of Solanidine Analogs Synthetized from Pregnadienolone Acetate. Molecules, 2014, 19, 2061-2076.	1.7	24
87	Bioactivity-guided Isolation of Antiproliferative Compounds from the Roots of Onopordum acanthium. Natural Product Communications, 2014, 9, 1934578X1400900.	0.2	6
88	Colloidal stability of carboxylated iron oxide nanomagnets for biomedical use. Periodica Polytechnica: Chemical Engineering, 2014, 58, 3-10.	0.5	16
89	Genistein in 1:1 Inclusion Complexes with Ramified Cyclodextrins: Theoretical, Physicochemical and Biological Evaluation. International Journal of Molecular Sciences, 2014, 15, 1962-1982.	1.8	35
90	Antiproliferative Activity of Artemisia asiatica Extract and Its Constituents on Human Tumor Cell Lines. Planta Medica, 2014, 80, 1692-1697.	0.7	24

#	Article	IF	Citations
91	Betulinic Acid in Complex with a Gamma-Cyclodextrin Derivative Decreases Proliferation and in Vivo Tumor Development of Non-Metastatic and Metastatic B164A5 Cells. International Journal of Molecular Sciences, 2014, 15, 8235-8255.	1.8	72
92	A facile access to novel steroidal 17-2â€²-(1â€²,3â€²,4â€²)-oxadiazoles, and an evaluation of their cytotoxic activities in vitro. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 1265-1268.	1.0	21
93	Synthesis and in vitro antiproliferative evaluation of d-secooxime derivatives of 13Î²- and 13Î±-estrone. Steroids, 2014, 89, 47-55.	0.8	18
94	Synthesis of novel steroidal 16-spiroisoxazolines by 1,3-dipolar cycloaddition, and an evaluation of their antiproliferative activities in vitro. Molecular Diversity, 2014, 18, 521-534.	2.1	7
95	Sesquiterpenes from Neurolaena lobata and Their Antiproliferative and Anti-inflammatory Activities. Journal of Natural Products, 2014, 77, 576-582.	1.5	19
96	Syntheses and antiproliferative effects of d-homo- and d-secoestrones. Steroids, 2014, 87, 128-136.	0.8	16
97	Stereoselective Synthesis and Cytoselective Toxicity of Monoterpene-Fused 2-Imino-1,3-thiazines. Molecules, 2014, 19, 15918-15937.	1.7	12
98	Bioactivity-guided isolation of antiproliferative compounds from the roots of Onopordum acanthium. Natural Product Communications, 2014, 9, 337-40.	0.2	9
99	Antiproliferative Activity of Polygonaceae Species from the Carpathian Basin against Human Cancer Cell Lines. Phytotherapy Research, 2013, 27, 77-85.	2.8	35
100	Cycloaddition of steroidal cyclic nitrones to CN dipolarophiles: Stereoselective synthesis and antiproliferative effects of oxadiazolidinones in the estrone series. Steroids, 2013, 78, 1021-1028.	0.8	5
101	An efficient approach to novel 17-5â€²-(1â€²,2â€²,4â€²)-oxadiazolyl androstenes via the cyclodehydration of cytotoxic O-steroidacylamidoximes, andÂan evaluation of their inhibitory action on 17Î±-hydroxylase/C17,20-lyase. European Journal of Medicinal Chemistry, 2013, 70, 649-660.	2.6	22
102	Synthesis and investigation of the anticancer effects of estrone-16-oxime ethers in vitro. Steroids, 2013, 78, 69-78.	0.8	53
103	Cytotoxicities of Polysubstituted Chlorodicarbonyl(cyclopentadienyl) and (Indenyl)ruthenium Complexes. Organometallics, 2013, 32, 3012-3017.	1.1	5
104	In vitro Antiâ€diabetic Activity and Chemical Characterization of an Apolar Fraction of Morus alba Leaf Water Extract. Phytotherapy Research, 2013, 27, 847-851.	2.8	25
105	Combined Na + /Ca 2+ Exchanger and L-Type Calcium Channel Block as a Potential Strategy to Suppress Arrhythmias and Maintain Ventricular Function. Circulation: Arrhythmia and Electrophysiology, 2013, 6, 371-379.	2.1	44
106	Chemical and Colloidal Stability of Carboxylated Core-Shell Magnetite Nanoparticles Designed for Biomedical Applications. International Journal of Molecular Sciences, 2013, 14, 14550-14574.	1.8	73
107	Direct antiproliferative effect of nonsteroidal 17Î²-hydroxysteroid dehydrogenase type 1 inhibitors in vitro. Journal of Enzyme Inhibition and Medicinal Chemistry, 2013, 28, 695-703.	2.5	1
108	Investigation of the Antiproliferative Action of the Quinoline Alkaloids Kokusaginine and Skimmianine on Human Cell Lines. Current Signal Transduction Therapy, 2013, 8, 148-155.	0.3	15

#	Article	IF	Citations
109	Effect of the isoflavone genistein on tumor size, metastasis potential and melanization in a B16 mouse model of murine melanoma. Natural Product Communications, 2013, 8, 343-6.	0.2	17
110	Designed Polyelectrolyte Shell on Magnetite Nanocore for Dilution-Resistant Biocompatible Magnetic Fluids. Langmuir, 2012, 28, 16638-16646.	1.6	48
111	Increasing the amphiphilicity of an estradiol based steroid structure by Barbier-allylation â€“ ring-closing metathesis â€“ dihydroxylation sequence. Steroids, 2012, 77, 110-117.	0.8	8
112	Synthesis of D-ring-substituted (5â€²R)- and (5â€²S)-17Î²-pyrazolinylandrostene epimers and comparison of their potential anticancer activities. Steroids, 2012, 77, 566-574.	0.8	56
113	Antiproliferative effect of normal and 13-epi-d-homoestrone and their 3-methyl ethers on human reproductive cancer cell lines. Journal of Steroid Biochemistry and Molecular Biology, 2012, 132, 168-175.	1.2	25
114	Study of the betulin enriched birch bark extracts effects on human carcinoma cells and ear inflammation. Chemistry Central Journal, 2012, 6, 137.	2.6	76
115	Synthesis, characterization and biological evaluation of some novel 17-isoxazoles in the estrone series. Steroids, 2012, 77, 1075-1085.	0.8	31
116	Significant Activity of Ecdysteroids on the Resistance to Doxorubicin in Mammalian Cancer Cells Expressing the Human ABCB1 Transporter. Journal of Medicinal Chemistry, 2012, 55, 5034-5043.	2.9	56
117	Chlorogenic Acid and Rutin Play a Major Role in the In Vivo Anti-Diabetic Activity of Morus alba Leaf Extract on Type II Diabetic Rats. PLoS ONE, 2012, 7, e50619.	1.1	151
118	A Novel Murine Model for theIn VivoStudy of Transdermal Drug Penetration. Scientific World Journal, The, 2012, 2012, 1-9.	0.8	7
119	Cytotoxic activity of some glycoconjugates including saponins and anthracyclines. Carbohydrate Research, 2012, 356, 295-298.	1.1	2
120	Bioactivity-guided isolation of antiproliferative compounds from Centaurea jacea L.. FÃ¬toterapÃ¬Ã¢, 2012, 83, 921-925.	1.1	55
121	Enhanced stability of polyacrylate-coated magnetite nanoparticles in biorelevant media. Colloids and Surfaces B: Biointerfaces, 2012, 94, 242-249.	2.5	69
122	A facile â€˜clickâ€™ approach to novel 15Î²-triazolyl-5Î±-androstane derivatives, and an evaluation of their antiproliferative activities in vitro. Bioorganic and Medicinal Chemistry, 2012, 20, 1396-1402.	1.4	34
123	Synthesis, stereochemistry and cytotoxic activity of novel steroidal 16-spiro-1,3,2-dioxaphosphorinanes. Journal of Molecular Structure, 2012, 1013, 39-44.	1.8	7
124	Efficient synthesis of novel A-ring-substituted 1,2,3-triazolylcholestane derivatives via catalytic azide-alkyne cycloaddition. Arkivoc, 2012, 2012, 279-296.	0.3	15
125	Betulin as an antitumor agent tested in vitro on A431, HeLa and MCF7, and as an angiogenic inhibitor in vivo in the CAM assay. Natural Product Communications, 2012, 7, 981-5.	0.2	30
126	Comparison of a specific HPLC determination of toxic aconite alkaloids in processed Radix aconiti with a titration method of total alkaloids. Pharmaceutical Biology, 2011, 49, 1097-1101.	1.3	15

#	Article	IF	Citations
127	Antiproliferative Constituents of the Roots ofConyza canadensis. Planta Medica, 2011, 77, 1183-1188.	0.7	49
128	Efficient approach to novel 1Î±-triazolyl-5Î±-androstane derivatives as potent antiproliferative agents. Organic and Biomolecular Chemistry, 2011, 9, 8051.	1.5	22
129	Antiproliferative effects of some novel synthetic solanidine analogs on HL-60 human leukemia cells in vitro. Steroids, 2011, 76, 156-162.	0.8	35
130	Synthesis of novel steroidal 17Î±-triazolyl derivatives via Cu(I)-catalyzed azide-alkyne cycloaddition, and an evaluation of their cytotoxic activity in vitro. Steroids, 2011, 76, 1141-1148.	0.8	38
131	Synthesis and In Vitro Antiproliferative Activity of Novel Androst-5-ene Triazolyl and Tetrazolyl Derivatives. Molecules, 2011, 16, 4786-4806.	1.7	27
132	Bioactivityâ€guided isolation of antiproliferative compounds from Centaurea arenaria. Phytotherapy Research, 2010, 24, 1664-1669.	2.8	40
133	Comparative Study of the Antioxidant Activities of Eleven Salvia Species. Natural Product Communications, 2010, 5, 1934578X1000500.	0.2	9
134	Bioactivity-Guided Isolation of Cytotoxic Sesquiterpenes and Flavonoids fromAnthemis ruthenica. Planta Medica, 2010, 76, 94-96.	0.7	19
135	Intramolecular approach to some new D-ring-fused steroidal isoxazolidines by 1,3-dipolar cycloaddition: synthesis, theoretical and in vitro pharmacological studies. New Journal of Chemistry, 2010, 34, 2671.	1.4	25
136	Synthesis and biological activity evaluation of 1H-benzimidazoles via mammalian DNA topoisomerase I and cytostaticity assays. European Journal of Medicinal Chemistry, 2009, 44, 2280-2285.	2.6	44
137	Antiproliferative effect of flavonoids and sesquiterpenoids from Achillea millefolium s.l. on cultured human tumour cell lines. Phytotherapy Research, 2009, 23, 672-676.	2.8	102
138	Antiproliferative activity of Hungarian Asteraceae species against human cancer cell lines. Part II. Phytotherapy Research, 2009, 23, 1109-1115.	2.8	55
139	EFFECTS OF EXPERIMENTALLY INDUCED DIABETES MELLITUS ON PHARMACOLOGICALLY AND ELECTRICALLY ELICITED MYOMETRIAL CONTRACTILITY. Clinical and Experimental Pharmacology and Physiology, 2009, 36, 884-891.	0.9	7
140	Synthesis and antitumor-evaluation of cyclopropyl-containing combretastatin analogs. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 6948-6951.	1.0	38
141	Qualitative and quantitative analysis of aconitine-type and lipo-alkaloids of Aconitum carmichaelii roots. Journal of Chromatography A, 2009, 1216, 2079-2086.	1.8	73
142	Efficient Approach to Androstene-Fused Arylpyrazolines as Potent Antiproliferative Agents. Experimental and Theoretical Studies of Substituent Effects on BF₃-Catalyzed Intramolecular [3 + 2] Cycloadditions of Olefinic Phenylhydrazones. Journal of the American Chemical Society, 2009, 131, 3894-3904.	6.6	79
143	Biological activity of bis-benzimidazole derivatives on DNA topoisomerase I and HeLa, MCF7 and A431 cells. Journal of Enzyme Inhibition and Medicinal Chemistry, 2009, 24, 844-849.	2.5	41
144	Xanthanolides with Antitumour Activity from Xanthium italicum. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2009, 64, 343-349.	0.6	27

#	Article	IF	Citations
145	Antitumor activity of alkaloids derived from Amaryllidaceae species. In Vivo, 2009, 23, 41-8.	0.6	44
146	Antitumour properties of acridone alkaloids on a murine lymphoma cell line. Anticancer Research, 2008, 28, 2737-43.	0.5	20
147	Investigation of Cytotoxic Activity on Human Cancer Cell Lines of Arborinine and Furanoacridones Isolated from Ruta graveolens. Planta Medica, 2007, 73, 41-48.	0.7	45
148	Phenanthrenes and a dihydrophenanthrene from Tamus communis and their cytotoxic activity. Phytochemistry, 2007, 68, 687-691.	1.4	14
149	Diterpenoids and flavonoids from the fruits ofVitex agnus-castus and antioxidant activity of the fruit extracts and their constituents. Phytotherapy Research, 2007, 21, 391-394.	2.8	91
150	Antiproliferative activity of Hungarian Asteraceae species against human cancer cell lines. Part I. Phytotherapy Research, 2007, 21, 1200-1208.	2.8	46
151	The effects of Î±â€methyldopa on myometrial noradrenaline release and myometrial contractility in rat. Acta Obstetricia Et Gynecologica Scandinavica, 2007, 86, 986-994.	1.3	2
152	Isobrassinin and its analogues: Novel types of antiproliferative agents. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 6273-6276.	1.0	30
153	Cytotoxic Phenanthrenes from the Rhizomes ofTamus communis. Planta Medica, 2006, 72, 767-770.	0.7	28
154	Monitoring the antioxidant activity of extracts originated from various Serratula species and isolation of flavonoids from Serratula coronata. FÃ¬toterapÃ¬Ã¢, 2004, 75, 162-167.	1.1	23
155	Î±-Adrenergic blockade: a possible mechanism of tocolytic action of certain benzodiazepines in a postpartum rat model in vivo. Life Sciences, 2003, 72, 1093-1102.	2.0	5
156	Diterpenes from the Aerial Parts ofSalvia candelabrumand their Protective Effects against Lipid Peroxidation. Planta Medica, 2003, 69, 1156-1159.	0.7	7
157	The Antiplasmodial Activity of Isolates from Ajuga remota. Journal of Natural Products, 2002, 65, 789-793.	1.5	66
158	Antioxidant Activity of Leaves of Salvia Species in Enzyme-Dependent and Enzyme-Independent Systems of Lipid Peroxidation and their Phenolic Constituents. Planta Medica, 2001, 67, 366-368.	0.7	102
159	Protective Effects of the Aerial Parts ofSalvia officinalis, Melissa officinalisandLavandula angustifoliaand their Constituents against Enzyme-Dependent and Enzyme-Independent Lipid Peroxidation. Planta Medica, 1999, 65, 576-578.	0.7	167