

Evgenija A DjurendiÄ

List of Publications by Year in descending order

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52
papers

687
citations

471509

17
h-index

610901

24
g-index

57
all docs

57
docs citations

57
times ranked

475
citing authors

#	ARTICLE	IF	CITATIONS
1	New D-modified androstane derivatives as aromatase inhibitors†. <i>Steroids</i> , 2001, 66, 645-653.	1.8	43
2	Synthesis and biological evaluation of some 17-picolyl and 17-picolinylidene androst-5-ene derivatives. <i>Steroids</i> , 2007, 72, 31-40.	1.8	38
3	Synthesis of some epoxy and/or N-oxy 17-picolyl and 17-picolinylidene-androst-5-ene derivatives and evaluation of their biological activity. <i>Steroids</i> , 2008, 73, 129-138.	1.8	35
4	Synthesis and biological evaluation of some new A,B-ring modified steroidal d-lactones. <i>Steroids</i> , 2008, 73, 681-688.	1.8	32
5	Synthesis, X-ray crystal structures and biological activity of 16-amino-17-substituted-D-homo steroid derivatives. <i>Steroids</i> , 2003, 68, 667-676.	1.8	31
6	17(E)-Picolinylidene androstane derivatives as potential inhibitors of prostate cancer cell growth: Antiproliferative activity and molecular docking studies. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 7257-7266.	3.0	31
7	Synthesis and cytotoxic activity of some 17-picolyl and 17-picolinylidene androstane derivatives. <i>European Journal of Medicinal Chemistry</i> , 2012, 54, 784-792.	5.5	29
8	Synthesis and anticancer cell potential of steroidal 16,17-seco-16,17a-dinitriles: Identification of a selective inhibitor of hormone-independent breast cancer cells. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 703-711.	3.0	28
9	Evaluation of A-ring fused pyridine <sc>d</sc>-modified androstane derivatives for antiproliferative and aldoâ€“keto reductase 1C3 inhibitory activity. <i>MedChemComm</i> , 2018, 9, 969-981.	3.4	25
10	An intramolecular one-pot synthesis of steroidal triazoles via 1,3-dipolar cycloadditions of in situ generated diazo compounds. <i>Tetrahedron Letters</i> , 2009, 50, 4107-4109.	1.4	23
11	Synthesis and antitumor activity of new d-seco and d-homo androstane derivatives. <i>Steroids</i> , 2009, 74, 983-988.	1.8	23
12	Selective antitumour activity and ER† molecular docking studies of newly synthesized<sc>d</sc>-homo fused steroidal tetrazoles. <i>MedChemComm</i> , 2013, 4, 317-323.	3.4	22
13	Synthesis, structural analysis and antitumor activity of novel 17†-picolyl and 17(E)-picolinylidene A-modified androstane derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 1557-1568.	3.0	21
14	Synthesis, structural analysis and antiproliferative activity of some novel D-homo lactone androstane derivatives. <i>RSC Advances</i> , 2013, 3, 10385.	3.6	20
15	Androstane derivatives induce apoptotic death in MDA-MB-231 breast cancer cells. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 7189-7198.	3.0	20
16	Non-linear assessment of anticancer activity of 17-picolyl and 17-picolinylidene androstane derivatives â€“ Chemometric guidelines for further syntheses. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 62, 258-266.	4.0	19
17	Synthesis, X-ray structural analysis, and cytotoxic activity of some new androstane d-homo lactone derivatives. <i>Structural Chemistry</i> , 2012, 23, 1761-1767.	2.0	17
18	Determination of 17†-hydroxylase-C_{17,20}-lyase (P450_{17†}) enzyme activities and their inhibition by selected steroidal picolyl and picolinylidene compounds. <i>Acta Biologica Hungarica</i> , 2015, 66, 41-51.	0.7	17

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19	An Overview of Partial Synthesis and Transformations of Secosteroids. <i>Current Organic Chemistry</i> , 2014, 18, 216-259.	1.6	17
20	A novel route to 2-deoxy-2-iodo-d-mannopyranose derivatives. <i>Carbohydrate Research</i> , 1992, 233, 251-253.	2.3	16
21	Synthesis and biological evaluation of a series of A,B-ring modified 16,17-secoandrostane derivatives. <i>Bioorganic Chemistry</i> , 2008, 36, 128-132.	4.1	15
22	Comprehensive QSRR modeling as a starting point in characterization and further development of anticancer drugs based on 17 β -picolyl and 17(E)-picolinylidene androstane structures. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 93, 1-10.	4.0	15
23	A novel rearrangement of steroidal β -hydroxy oximes. <i>Tetrahedron Letters</i> , 1997, 38, 4683-4684.	1.4	13
24	New A-homo lactam D-homo lactone androstane derivative: Synthesis and evaluation of cytotoxic and anti-inflammatory activities in vitro. <i>Steroids</i> , 2020, 157, 108596.	1.8	12
25	Synthesis, crystal structure and antiaromatase activity of 17-halo-16,17-seco-5-androstene derivatives. <i>Journal of the Serbian Chemical Society</i> , 2003, 68, 707-714.	0.8	12
26	Preselection of A- and B- modified d-homo lactone and d-seco androstane derivatives as potent compounds with antiproliferative activity against breast and prostate cancer cells – QSAR approach and molecular docking analysis. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 93, 107-113.	4.0	11
27	Synthesis and Biological Activity of Some 17 α -Substituted Homolactones of Androst-5-ene Derivatives. <i>Collection of Czechoslovak Chemical Communications</i> , 2005, 70, 1387-1396.	1.0	10
28	Synthesis and Estrogenic Activity Screening of Some 6,9-Disubstituted Estradiol Derivatives. <i>Collection of Czechoslovak Chemical Communications</i> , 2005, 70, 479-486.	1.0	9
29	Synthesis and Biological Evaluation of Some A,D-Ring Modified 16,17-Secoandrostane Derivatives. <i>Collection of Czechoslovak Chemical Communications</i> , 2008, 73, 627-636.	1.0	9
30	How to rank and discriminate artificial neural networks? Case study: prediction of anticancer activity of 17-picolyl and 17-picolinylidene androstane derivatives. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 499-507.	2.2	9
31	New oxygen-containing androstane derivatives: Synthesis and biological potential. <i>Journal of Chemical Sciences</i> , 2020, 132, 1.	1.5	7
32	Synthesis and cytotoxic activity of a series of bile acid derivatives. <i>Hemijaska Industrija</i> , 2009, 63, 313-318.	0.7	7
33	X-ray structural analysis, antioxidant and cytotoxic activity of newly synthesized salicylic acid derivatives. <i>Structural Chemistry</i> , 2010, 21, 67-78.	2.0	6
34	X-ray structural analysis and antitumor activity of new salicylic acid derivatives. <i>Structural Chemistry</i> , 2014, 25, 1747-1758.	2.0	6
35	Microwave assisted synthesis and biomedical potency of salicyloyloxy and 2-methoxybenzoyloxy androstane and stigmasterane derivatives. <i>Steroids</i> , 2015, 94, 31-40.	1.8	6
36	Synthesis, Structural Analysis and Cytotoxic Activity of Novel A- and B-Modified d-Homo Lactone Androstane Derivative. <i>Journal of Chemical Crystallography</i> , 2016, 46, 84-92.	1.1	6

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37	Structural analysis and biomedical potential of novel salicyloyloxy estrane derivatives synthesized by microwave irradiation. <i>Structural Chemistry</i> , 2016, 27, 947-960.	2.0	5
38	Synthesis of some 16,17-secoandrost-5-ene derivatives. <i>Hemijaska Industrija</i> , 2010, 64, 81-84.	0.7	4
39	Improved Methods for Obtaining Immonium Perchlorates and Enamines of Solanidine Type Steroidal Alkaloids. <i>Collection of Czechoslovak Chemical Communications</i> , 1996, 61, 1655-1661.	1.0	3
40	Synthesis, anti-oxidant activity, and cytotoxicity of salicyloyl derivatives of estra-1,3,5(10)-triene and androst-5-ene. <i>Chemical Papers</i> , 2012, 66, .	2.2	3
41	Synthesis of some bis- and mono-2-hydroxybenzoic acid derivatives and the determination of their acidity constants. <i>Journal of the Serbian Chemical Society</i> , 2000, 65, 681-689.	0.8	3
42	Structural Analysis and Antitumor Activity of Androstane D-Seco-mesyloxy Derivatives. <i>Journal of the Brazilian Chemical Society</i> , 2013, , .	0.6	3
43	Synthesis and Biological Evaluation of 17-[4-(2-Aminoethoxy)phenyl]-16,17-secoestra-1,3,5(10)-triene Derivatives. <i>Collection of Czechoslovak Chemical Communications</i> , 2007, 72, 403-410.	1.0	2
44	Antioxidant and cytotoxic activity of mono- and bissalicylic acid derivatives. <i>Acta Periodica Technologica</i> , 2014, , 173-189.	0.2	2
45	Reactivity of 17 β -hydroxy-17 α -substituted androstane derivatives. <i>Acta Periodica Technologica</i> , 2010, , 169-176.	0.2	1
46	Synthesis of some diol DERivatives as potential reagents in steroid chemistry. <i>Acta Periodica Technologica</i> , 2003, , 111-118.	0.2	1
47	Structure-activity relationships in 4- and 5-androstene: 3 β -acetoxy-17-methyl-17-oxo-16,17-seco-5-androstene-16-carbonitrile and 17-methyl-3,17-dioxo-16,17-seco-4-androstene-16-carbonitrile. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> . 2004, 60, o671-o673.	0.4	0
48	Synthesis and antiproliferative activity of some A- and B modified D-homo lactone androstane derivatives. <i>Acta Periodica Technologica</i> , 2013, , 289-300.	0.2	0
49	Alternative syntheses of 3-hydroxy-17-bromo-16,17-secoestra-1,3,5(10)-triene-16-nitrile and crystallographic studies of two intermediates. <i>Journal of the Serbian Chemical Society</i> , 2005, 70, 569-577.	0.8	0
50	FTIR investigation of solvent-induced carbonyl band shifts of 17 β -hydroxy-17 α -picolyl-androst-4-en-3-one. <i>Acta Periodica Technologica</i> , 2014, , 191-199.	0.2	0
51	Chromatographic lipophilicity as a predictor of antiproliferative activity of 17-picolyl and 17-picolinylidene androstane derivatives toward prostate cancer. <i>Acta Periodica Technologica</i> , 2015, , 239-247.	0.2	0
52	Estimation of chromatographic lipophilicity of some D-homo androstene derivatives. <i>Acta Periodica Technologica</i> , 2015, , 249-258.	0.2	0