

# Suzana S JovanoviÄ-Å anta

## List of Publications by Year in descending order

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36  
papers

329  
citations

840776

11  
h-index

888059

17  
g-index

38  
all docs

38  
docs citations

38  
times ranked

335  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical composition, antioxidant and anticancer activity of licorice from Fruska Gora locality. <i>Industrial Crops and Products</i> , 2018, 112, 217-224.	5.2	48
2	Synthesis, structure, and screening of estrogenic and antiestrogenic activity of new 3,17-substituted-16,17-seco-estratriene derivatives. <i>Bioorganic Chemistry</i> , 2003, 31, 475-484.	4.1	32
3	Synthesis and Biological Activity of New 16,17-Secoestrone Derivatives. <i>Collection of Czechoslovak Chemical Communications</i> , 2000, 65, 77-82.	1.0	24
4	Synthesis, structural analysis and antitumor activity of novel 17 $\pm$ -picolyl and 17(E)-picolinylidene A-modified androstane derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 1557-1568.	3.0	21
5	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
6	Antihormonal potential of selected D-homo and D-seco estratriene derivatives. <i>Steroids</i> , 2015, 97, 45-53.	1.8	19
7	Determination of 17 $\pm$ -hydroxylase-C <sub>17,20</sub> -lyase (P450 <sub>17<math>\pm</math></sub> ) enzyme activities and their inhibition by selected steroidal picolyl and picolinylidene compounds. <i>Acta Biologica Hungarica</i> , 2015, 66, 41-51.	0.7	17
8	An Overview of Partial Synthesis and Transformations of Secosteroids. <i>Current Organic Chemistry</i> , 2014, 18, 216-259.	1.6	17
9	Anticancer activity of novel steroidal 6-substituted 4-en-3-one D-seco dinitriles. <i>Steroids</i> , 2018, 135, 101-107.	1.8	13
10	Anticancer and antimicrobial properties of imidazolium based ionic liquids with salicylate anion. <i>Journal of the Serbian Chemical Society</i> , 2020, 85, 291-303.	0.8	13
11	Evaluation of biological activity of new hemiesters of 17-hydroxy-16,17-secoestra-1,3,5(10)-triene-16-nitrile. <i>Medicinal Chemistry Research</i> , 2011, 20, 1102-1110.	2.4	12
12	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
13	Novel alkylaminoethyl derivatives of androstane 3-oximes as anticancer candidates: synthesis and evaluation of cytotoxic effects. <i>RSC Advances</i> , 2021, 11, 37449-37461.	3.6	7
14	X-ray structural analysis and antitumor activity of new salicylic acid derivatives. <i>Structural Chemistry</i> , 2014, 25, 1747-1758.	2.0	6
15	Microwave assisted synthesis and biomedical potency of salicyloyloxy and 2-methoxybenzoyloxy androstane and stigmastane derivatives. <i>Steroids</i> , 2015, 94, 31-40.	1.8	6
16	Normal and reversed phase thin-layer chromatography of new 16, 17-secoestrone derivatives. <i>Journal of the Serbian Chemical Society</i> , 2003, 68, 57-64.	0.8	6
17	Normal- and Reversed-Phase Behaviour of 16,17-Secoestrone Derivatives on Cyanopropyl-Bonded Silica Gel. <i>Chromatographia</i> , 2009, 70, 1679-1683.	1.3	5
18	Structural, computational and anticancer activity studies of D-seco-17-mesyloxy androstane derivatives. <i>Journal of Molecular Structure</i> , 2019, 1187, 14-22.	3.6	5

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19	Synergistic activity of bile salts and their derivatives in combination with conventional antimicrobial agents against <i>Acinetobacter baumannii</i> . <i>Journal of Ethnopharmacology</i> , 2021, 264, 113266.	4.1	5
20	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. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021, 214, 105997.	2.5	5
21	A novel route to 3-hydroxy-16,17-seco-estrone derivatives. <i>Journal of the Serbian Chemical Society</i> , 1999, 64, 391-394.	0.8	5
22	The Influence of 17-Oxo- and 17-Hydroxy-16,17-secoestratriene Derivatives on Estrogen Receptor. <i>Collection of Czechoslovak Chemical Communications</i> , 2006, 71, 532-542.	1.0	4
23	Separation and lipophilicity of some new steroid derivatives in normal- and reversed-phase high performance liquid chromatography. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2011, 17, 535-542.	0.7	3
24	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
25	New challenge in the lipophilicity determination and separation of biologically active 16,17-secoesterone derivatives by HPLC – Use of pentafluorophenyl-propyl column. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2020, 43, 106-117.	1.0	3
26	Modified bile acids and androstanes – Novel promising inhibitors of human cytochrome P450 17A1. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021, 205, 105777.	2.5	3
27	Structural Analysis and Antitumor Activity of Androstane D-Seco-mesyloxy Derivatives. <i>Journal of the Brazilian Chemical Society</i> , 2013, , .	0.6	3
28	Reversed Phase-Behaviour of 16,17-Secoestrone Derivatives in LC. <i>Chromatographia</i> , 2010, 71, 913-916.	1.3	2
29	Microwave-Assisted Synthesis of Bile Acids Derivatives: An Overview. <i>Current Organic Chemistry</i> , 2019, 23, 256-275.	1.6	2
30	Synthesis of some D-homo-D-aza estratriene derivatives. <i>Acta Periodica Technologica</i> , 2004, , 225-230.	0.2	2
31	Antioxidant and cytotoxic activity of mono- and bisalicylic acid derivatives. <i>Acta Periodica Technologica</i> , 2014, , 173-189.	0.2	2
32	Investigation of the potential of bile acid methyl esters as inhibitors of aldo-keto reductase 1C2: insight from molecular docking, virtual screening, experimental assays and molecular dynamics. <i>Molecular Informatics</i> , 2022, , .	2.5	2
33	Apoptosis induction in HeLa cervical cancer cell line by steroidal 16,17-seco-16,17a-dinitriles. <i>Journal of the Serbian Chemical Society</i> , 2022, 87, 969-981.	0.8	1
34	Feasibility study of separation and purification of bile acid derivatives by HPLC on C18 and F5 columns. <i>Steroids</i> , 2022, 186, 109074.	1.8	1
35	Synthesis of 3-benzyloxy-17-maleloxy-16, 17-secoestra- 1, 3, 5 (10)-triene-16-nitrile - Sinteza 3-benziloksi-17-maleiloksi- 16, 17-sekoestra-1, 3, 5 (10)-trien-16-nitrila. <i>Zbornik Matice Srpske Za Prirodne Nauke</i> , 2002, , 5-9.	0.1	0
36	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