

Milena J StevanoviÄ

List of Publications by Year in descending order

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108
papers

3,080
citations

304743

22
h-index

175258

52
g-index

109
all docs

109
docs citations

109
times ranked

3602
citing authors

#	ARTICLE	IF	CITATIONS
1	Campomelic dysplasia and autosomal sex reversal caused by mutations in an SRY-related gene. <i>Nature</i> , 1994, 372, 525-530.	27.8	1,476
2	Telomere-associated chromosome fragmentation: applications in genome manipulation and analysis. <i>Nature Genetics</i> , 1992, 2, 275-282.	21.4	125
3	Antioxidant and antiproliferative activity of chokeberry juice phenolics during in vitro simulated digestion in the presence of food matrix. <i>Food Chemistry</i> , 2015, 175, 516-522.	8.2	79
4	SOX Transcription Factors as Important Regulators of Neuronal and Glial Differentiation During Nervous System Development and Adult Neurogenesis. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 654031.	2.9	64
5	Apigenin-7-O-glucoside versus apigenin: Insight into the modes of anticandidal and cytotoxic actions. <i>EXCLI Journal</i> , 2017, 16, 795-807.	0.7	56
6	Modulation of SOX2 and SOX3 gene expression during differentiation of human neuronal precursor cell line NTERA2. <i>Molecular Biology Reports</i> , 2003, 30, 127-132.	2.3	42
7	Graphene quantum dots as singlet oxygen producer or radical quencher - The matter of functionalization with urea/thiourea. <i>Materials Science and Engineering C</i> , 2020, 109, 110539.	7.3	42
8	Functional characterization of the human SOX3 promoter: identification of transcription factors implicated in basal promoter activity. <i>Gene</i> , 2005, 344, 287-297.	2.2	41
9	Mycotherapy of Cancer: An Update on Cytotoxic and Antitumor Activities of Mushrooms, Bioactive Principles and Molecular Mechanisms of their Action. <i>Current Topics in Medicinal Chemistry</i> , 2013, 13, 2791-2806.	2.1	40
10	Graphene oxide size and structure pro-oxidant and antioxidant activity and photoinduced cytotoxicity relation on three cancer cell lines. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 200, 111647.	3.8	39
11	High-Resolution Human/Goat Comparative Map of the Goat Polled/Intersex Syndrome (PIS): The Human Homologue Is Contained in a Human YAC from HSA3q23. <i>Genomics</i> , 1999, 56, 31-39.	2.9	37
12	Expression Analysis of SOX14 during Retinoic Acid Induced Neural Differentiation of Embryonal Carcinoma Cells and Assessment of the Effect of Its Ectopic Expression on SOXB Members in HeLa Cells. <i>PLoS ONE</i> , 2014, 9, e91852.	2.5	32
13	Chemical composition of the mushroom <i>Meripilus giganteus</i> Karst. and bioactive properties of its methanolic extract. <i>LWT - Food Science and Technology</i> , 2017, 79, 454-462.	5.2	29
14	Early Impairments of Hippocampal Neurogenesis in 5xFAD Mouse Model of Alzheimer's Disease Are Associated with Altered Expression of SOXB Transcription Factors. <i>Journal of Alzheimer's Disease</i> , 2018, 65, 963-976.	2.6	29
15	Subregion-specific Protective Effects of Fluoxetine and Clozapine on Parvalbumin Expression in Medial Prefrontal Cortex of Chronically Isolated Rats. <i>Neuroscience</i> , 2019, 396, 24-35.	2.3	28
16	PBX1 and MEIS1 up-regulate <i>SOX3</i> gene expression by direct interaction with a consensus binding site within the basal promoter region. <i>Biochemical Journal</i> , 2010, 425, 107-116.	3.7	27
17	Oncogenic activity of SOX1 in glioblastoma. <i>Scientific Reports</i> , 2017, 7, 46575.	3.3	27
18	SOX3 can promote the malignant behavior of glioblastoma cells. <i>Cellular Oncology (Dordrecht)</i> , 2019, 42, 41-54.	4.4	27

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19	<i>Ononis spinosa</i> L., an edible and medicinal plant: UHPLC-LTQ-Orbitrap/MS chemical profiling and biological activities of the herbal extract. <i>Food and Function</i> , 2020, 11, 7138-7151.	4.6	26
20	Quercetin reduces pluripotency, migration and adhesion of human teratocarcinoma cell line NT2/D1 by inhibiting Wnt/ β -catenin signaling. <i>Food and Function</i> , 2014, 5, 2564-2573.	4.6	25
21	Limited polymorphism of both classes of MHC genes in four different species of the Balkan mole rat. <i>Immunogenetics</i> , 1988, 28, 91-98.	2.4	24
22	SOX18 Is a Novel Target Gene of Hedgehog Signaling in Cervical Carcinoma Cell Lines. <i>PLoS ONE</i> , 2015, 10, e0143591.	2.5	24
23	SOX transcription factors and glioma stem cells: Choosing between stemness and differentiation. <i>World Journal of Stem Cells</i> , 2021, 13, 1417-1445.	2.8	23
24	Methanolic Extract of the Herb <i>Ononis spinosa</i> L. Is an Antifungal Agent with no Cytotoxicity to Primary Human Cells. <i>Pharmaceuticals</i> , 2020, 13, 78.	3.8	22
25	Regulation of SOX3 gene expression is driven by multiple NF- κ B binding elements. <i>Archives of Biochemistry and Biophysics</i> , 2007, 467, 163-173.	3.0	21
26	Up-regulation of the <i>SOX3</i> gene expression by retinoic acid: characterization of the novel promoter response element and the retinoid receptors involved. <i>Journal of Neurochemistry</i> , 2008, 107, 1206-1215.	3.9	20
27	Pyrimethanil: Between efficient fungicide against <i>Aspergillus rot</i> on cherry tomato and cytotoxic agent on human cell lines. <i>Annals of Applied Biology</i> , 2019, 175, 228-235.	2.5	20
28	SOX14 activates the p53 signaling pathway and induces apoptosis in a cervical carcinoma cell line. <i>PLoS ONE</i> , 2017, 12, e0184686.	2.5	20
29	Improved transfection efficiency of cultured human cells. <i>Cell Biology International</i> , 2003, 27, 735-737.	3.0	19
30	Mapping of the RXR β binding elements involved in retinoic acid induced transcriptional activation of the human SOX3 gene. <i>Neuroscience Research</i> , 2006, 56, 409-418.	1.9	19
31	4q34.1-q35.2 deletion in a boy with phenotype resembling 22q11.2 deletion syndrome. <i>European Journal of Pediatrics</i> , 2011, 170, 1465-1470.	2.7	19
32	The role of modern imaging techniques in the diagnosis of malposition of the branch pulmonary arteries and possible association with microdeletion 22q11.2. <i>Cardiology in the Young</i> , 2013, 23, 181-188.	0.8	19
33	Synthesis and Characterization of 3-(1-((3,4-Dihydroxyphenethyl)amino)ethylidene)-chroman-2,4-dione as a Potential Antitumor Agent. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-12.	4.0	18
34	Reactive and Senescent Astroglial Phenotypes as Hallmarks of Brain Pathologies. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4995.	4.1	18
35	Differences in speech and language abilities between children with 22q11.2 deletion syndrome and children with phenotypic features of 22q11.2 deletion syndrome but without microdeletion. <i>Research in Developmental Disabilities</i> , 2016, 55, 322-329.	2.2	17
36	Prognostic significance of SOX2, SOX3, SOX11, SOX14 and SOX18 gene expression in adult de novo acute myeloid leukemia. <i>Leukemia Research</i> , 2018, 67, 32-38.	0.8	17

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37	Chemical profiling, antimicrobial, anti-enzymatic, and cytotoxic properties of <i>Phlomis fruticosa</i> L.. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 195, 113884.	2.8	17
38	Mitochondrial super-haplogroup U diversity in Serbians. <i>Annals of Human Biology</i> , 2017, 44, 408-418.	1.0	16
39	Neuroprotective Role of Selected Antioxidant Agents in Preventing Cisplatin-Induced Damage of Human Neurons In Vitro. <i>Cellular and Molecular Neurobiology</i> , 2019, 39, 619-636.	3.3	16
40	The human SOX18 gene: cDNA cloning and high resolution mapping. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2000, 1492, 237-241.	2.4	15
41	Mitochondrial DNA perspective of Serbian genetic diversity. <i>American Journal of Physical Anthropology</i> , 2015, 156, 449-465.	2.1	15
42	Pattern of trisomy 1q in hematological malignancies: a single institution experience. <i>Cancer Genetics and Cytogenetics</i> , 2008, 186, 12-18.	1.0	14
43	Insights into platinum-induced peripheral neuropathyâ€œcurrent perspective. <i>Neural Regeneration Research</i> , 2020, 15, 1623.	3.0	14
44	Structural and functional characterization of the human SOX14 promoter. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2004, 1680, 53-59.	2.4	13
45	ZBP-89 and Sp3 down-regulate while NF-Y up-regulates SOX18 promoter activity in HeLa cells. <i>Molecular Biology Reports</i> , 2009, 36, 993-1000.	2.3	13
46	Early growth response protein 1 acts as an activator of SOX18 promoter. <i>Experimental and Molecular Medicine</i> , 2010, 42, 132.	7.7	12
47	Benzothiazole carbamates and amides as antiproliferative species. <i>European Journal of Medicinal Chemistry</i> , 2018, 157, 1096-1114.	5.5	12
48	Facile Synthesis of L-Cysteine Functionalized Graphene Quantum Dots as a Bioimaging and Photosensitive Agent. <i>Nanomaterials</i> , 2021, 11, 1879.	4.1	12
49	Comparative evaluation of antimutagenic and antimitotic effects of <i>Morchella esculenta</i> extracts and protocathechuic acid. <i>Frontiers in Life Science: Frontiers of Interdisciplinary Research in the Life Sciences</i> , 2013, 7, 218-223.	1.1	11
50	SOX2 overexpression affects neural differentiation of human pluripotent NT2/D1 cells. <i>Biochemistry (Moscow)</i> , 2014, 79, 1172-1182.	1.5	11
51	Variant chromosomal arrangement of adult $\hat{1}^2$ -globin genes in rat. <i>Gene</i> , 1989, 79, 139-150.	2.2	10
52	The Impact of 22q11.2 Microdeletion on Cardiac Surgery Postoperative Outcome. <i>Pediatric Cardiology</i> , 2017, 38, 1680-1685.	1.3	10
53	Impact of measures to control brucellosis on disease characteristics in humans: experience from an endemic region in the Balkans. <i>Infectious Diseases</i> , 2018, 50, 340-345.	2.8	10
54	Synthesis and Biological Screening of New 4-Hydroxycoumarin Derivatives and Their Palladium(II) Complexes. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-18.	4.0	10

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55	cDNA characterization and high resolution mapping of the human SOX20 gene. <i>Mammalian Genome</i> , 1998, 9, 1059-1061.	2.2	9
56	Transcription factor NF-Y inhibits cell growth and decreases SOX2 expression in human embryonal carcinoma cell line NT2/D1. <i>Biochemistry (Moscow)</i> , 2015, 80, 202-207.	1.5	9
57	Extract of <i>Herba Anthrisci cerefolii</i> : Chemical Profiling and Insights into Its Anti-Glioblastoma and Antimicrobial Mechanism of Actions. <i>Pharmaceuticals</i> , 2021, 14, 55.	3.8	9
58	Establishment and initial characterization of SOX2-overexpressing NT2/D1 cell clones. <i>Genetics and Molecular Research</i> , 2012, 11, 1385-1400.	0.2	8
59	The overexpression of SOX2 affects the migration of human teratocarcinoma cell line NT2/D1. <i>Anais Da Academia Brasileira De Ciencias</i> , 2015, 87, 389-404.	0.8	8
60	A rare association of interrupted aortic arch type C and microdeletion 22q11.2. <i>European Journal of Pediatrics</i> , 2008, 167, 1195-1198.	2.7	7
61	DETECTION OF PREMATURE SEGREGATION OF CENTROMERES IN PERSONS EXPOSED TO IONIZING RADIATION. <i>Health Physics</i> , 2010, 98, 717-727.	0.5	7
62	Comparative Analysis of SOX3 Protein Orthologs: Expansion of Homopolymeric Amino Acid Tracts During Vertebrate Evolution. <i>Biochemical Genetics</i> , 2010, 48, 612-623.	1.7	7
63	Construction and functional analysis of novel dominant-negative mutant of human SOX18 protein. <i>Biochemistry (Moscow)</i> , 2013, 78, 1287-1292.	1.5	7
64	Histone modifications on the promoters of human OCT4 and NANOG genes at the onset of neural differentiation of NT2/D1 cells. <i>Biochemistry (Moscow)</i> , 2017, 82, 715-722.	1.5	7
65	Current regulatory approaches for accessing potential COVID-19 therapies. <i>Journal of Pharmaceutical Policy and Practice</i> , 2020, 13, 16.	2.4	7
66	Complete mitogenome data for the Serbian population: the contribution to high-quality forensic databases. <i>International Journal of Legal Medicine</i> , 2020, 134, 1581-1590.	2.2	7
67	Bis-Bibenzyls from the Liverwort <i>Pellia endiviifolia</i> and Their Biological Activity. <i>Plants</i> , 2021, 10, 1063.	3.5	7
68	Activation of the HSV-TK promoter in control reporter vector pBLCAT5 by liganded nuclear retinoid receptor RXR α . <i>Archives of Biological Sciences</i> , 2006, 58, 197-203.	0.5	7
69	Fever of unknown origin âˆ” diagnostic methods in a European developing country. <i>Vojnosanitetski Pregled</i> , 2016, 73, 553-558.	0.2	7
70	Bioactivities of <i>Salvia nemorosa</i> L. inflorescences are influenced by the extraction solvents. <i>Industrial Crops and Products</i> , 2022, 175, 114260.	5.2	7
71	Interplay of SOX transcription factors and microRNAs in the brain under physiological and pathological conditions. <i>Neural Regeneration Research</i> , 2022, 17, 2325.	3.0	7
72	Genomic sequence of rat Î²-globin minor gene. <i>Nucleic Acids Research</i> , 1989, 17, 4878-4878.	14.5	6

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73	Remarkable evolutionary conservation of SOX14 orthologues. <i>Journal of Genetics</i> , 2009, 88, 15-24.	0.7	6
74	TG-interacting Factor (TGIF) Downregulates SOX3 Gene Expression in the NT2/D1 Cell Line. <i>Journal of Genetics and Genomics</i> , 2012, 39, 19-27.	3.9	6
75	Epigenetic regulation of human SOX3 gene expression during early phases of neural differentiation of NT2/D1 cells. <i>PLoS ONE</i> , 2017, 12, e0184099.	2.5	6
76	Direct PCR amplification of the HVSI region in mitochondrial DNA from buccal cell swabs. <i>Archives of Biological Sciences</i> , 2012, 64, 851-858.	0.5	6
77	Comparison of promoter regions of <i>SOX3</i> , <i>SOX14</i> and <i>SOX18</i> orthologs in mammals. <i>DNA Sequence</i> , 2008, 19, 185-194.	0.7	5
78	Crosstalk between SOXB1 proteins and WNT/ β -catenin signaling in NT2/D1 cells. <i>Histochemistry and Cell Biology</i> , 2015, 144, 429-441.	1.7	5
79	Quercetin and lithium chloride modulate Wnt signaling in pluripotent embryonal carcinoma NT2/D1 cells. <i>Archives of Biological Sciences</i> , 2013, 65, 201-209.	0.5	5
80	Validation of a novel perfusion bioreactor system in cancer research. <i>Hemijska Industrija</i> , 2020, 74, 187-196.	0.7	5
81	Coumarin-Palladium(II) Complex Acts as a Potent and Non-Toxic Anticancer Agent against Pancreatic Carcinoma Cells. <i>Molecules</i> , 2022, 27, 2115.	3.8	5
82	Tissue-specific Forkhead protein FOXA2 up-regulates SOX14 gene expression. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2010, 1799, 411-418.	1.9	4
83	The human SOX18 gene: Expression analysis and characterization of its 5' flanking region. <i>Archives of Biological Sciences</i> , 2007, 59, 267-272.	0.5	4
84	Cyclic AMP response element binding (CREB) protein acts as a positive regulator of SOX3 gene expression in NT2/D1 cells. <i>BMB Reports</i> , 2014, 47, 197-202.	2.4	4
85	Improving the diagnosis of children with 22q11.2 deletion syndrome: A single-center experience from Serbia. <i>Indian Pediatrics</i> , 2016, 53, 786-789.	0.4	3
86	The use of remdesivir outside of clinical trials during the COVID-19 pandemic. <i>Journal of Pharmaceutical Policy and Practice</i> , 2020, 13, 61.	2.4	3
87	Trans-activation of the human SOX3 promoter by MAZ in NT2/D1 cells. <i>Archives of Biological Sciences</i> , 2008, 60, 379-387.	0.5	3
88	Involvement of ubiquitous and tale transcription factors, as well as liganded RXR α , in the regulation of human SOX2 gene expression in the NT2/D1 embryonal carcinoma cell line. <i>Archives of Biological Sciences</i> , 2010, 62, 199-210.	0.5	3
89	Members of the CREB/ATF and AP1 family of transcription factors are involved in the regulation of SOX18 gene expression. <i>Archives of Biological Sciences</i> , 2011, 63, 517-525.	0.5	3
90	Rapid detection and purification of sequence specific DNA binding proteins using magnetic separation. <i>Journal of the Serbian Chemical Society</i> , 2006, 71, 135-141.	0.8	3

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91	Inhibition of miR-21 Promotes Cellular Senescence in NT2-Derived Astrocytes. <i>Biochemistry (Moscow)</i> , 2021, 86, 1434-1445.	1.5	3
92	L. exerts antineurodegenerative and antioxidant activities and induces prooxidant effect in glioblastoma cell line.. <i>EXCLI Journal</i> , 2022, 21, 387-399.	0.7	3
93	Insight in the Current Progress in the Largest Clinical Trials for Covid-19 Drug Management (As of Tj ETQq1 1 0.784314 rgBT /Overlo 2021, 42, 5-18.	0.5	2
94	Chemical engineering methods in analyses of 3D cancer cell cultures: Hydrodynamic and mass transport considerations. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2022, 28, 211-223.	0.7	2
95	Retinoic acid affects basic cellular processes and SOX2 and SOX18 expression in breast carcinoma cells. <i>Biocell</i> , 2021, 45, 1355-1367.	0.7	2
96	Generation of a whole chromosome painting probe from monochromosomal hybrid cells by the alu-polymerase chain reaction. <i>Archives of Biological Sciences</i> , 2007, 59, 89-95.	0.5	2
97	Regulation of the SOX3 Gene Expression by Retinoid Receptors. <i>Physiological Research</i> , 2011, 60, S83-S91.	0.9	2
98	VEGF and TNF up-regulate, NSAID down-regulate SOX18 protein level in HUVEC. <i>Open Life Sciences</i> , 2010, 5, 427-434.	1.4	1
99	Radiation effects on early phase of NT2/D1 neural differentiation in vitro. <i>International Journal of Radiation Biology</i> , 2019, 95, 1627-1639.	1.8	1
100	Cytotoxicity Through Molecular Targets Involved in Apoptosis. Where Should We Further Search for Mushrooms Functionalities in Future Cancer Treatment?. <i>Frontiers in Natural Product Chemistry</i> , 2019, , 146-191.	0.2	1
101	PCR amplification and sequence analysis of the rat Sox3 gene. <i>Archives of Biological Sciences</i> , 2008, 60, 525-530.	0.5	1
102	Gene expression analysis by non-radioactive RNA-RNA in situ hybridization techniques. <i>Journal of Medical Biochemistry</i> , 2004, 23, 127-133.	0.1	1
103	Features of Parapneumonic Effusions. <i>Prilozi - Makedonska Akademija Na Naukite I Umetnostite Oddelenie Za Medicinski Nauki</i> , 2018, 39, 131-141.	0.5	1
104	Purification and functional analysis of the recombinant protein isolated from E. coli by employing three different methods of bacterial lysis. <i>Journal of the Serbian Chemical Society</i> , 2005, 70, 943-950.	0.8	1
105	Retinoic acid-induced Sox3 gene expression in NT2/D1 cells is RXR homodimer-independent. <i>Archives of Biological Sciences</i> , 2009, 61, 631-638.	0.5	1
106	Speech and language abilities of children with the familial form of 22q11.2 deletion syndrome. <i>Genetika</i> , 2016, 48, 57-72.	0.4	1
107	All-trans retinoic acid influences viability, migration and adhesion of U251 glioblastoma cells. <i>Archives of Biological Sciences</i> , 2017, 69, 699-706.	0.5	1
108	Abstract 456: WR1065, the active metabolite of amifostine modulates chemistry and biology of cisplatin. , 2018, , .		0