Milena J StevanoviÄ

List of Publications by Year
in descending order

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	Chemical engineering methods in analyses of 3D cancer cell cultures: Hydrodinamic and mass transport considerations. Chemical Industry and Chemical Engineering Quarterly, 2022, 28, 211-223.	0.7	2
2	Bioactivities of Salvia nemorosa L. inflorescences are influenced by the extraction solvents. Industrial Crops and Products, 2022, 175, 114260.	5.2	7
3	Coumarin-Palladium(II) Complex Acts as a Potent and Non-Toxic Anticancer Agent against Pancreatic Carcinoma Cells. Molecules, 2022, 27, 2115.	3.8	5
4	Interplay of SOX transcription factors and microRNAs in the brain under physiological and pathological conditions. Neural Regeneration Research, 2022, 17, 2325.	3.0	7
5	L. exerts antineurodegenerative and antioxidant activities and induces prooxidant effect in glioblastoma cell line.. EXCLI Journal, 2022, 21, 387-399.	0.7	3
6	Reactive and Senescent Astroglial Phenotypes as Hallmarks of Brain Pathologies. International Journal of Molecular Sciences, 2022, 23, 4995.	4.1	18
7	Extract of Herba Anthrisci cerefolii: Chemical Profiling and Insights into Its Anti-Glioblastoma and Antimicrobial Mechanism of Actions. Pharmaceuticals, 2021, 14, 55.	3.8	9
8	Chemical profiling, antimicrobial, anti-enzymatic, and cytotoxic properties of Phlomis fruticosa L.. Journal of Pharmaceutical and Biomedical Analysis, 2021, 195, 113884.	2.8	17
9	SOX Transcription Factors as Important Regulators of Neuronal and Glial Differentiation During Nervous System Development and Adult Neurogenesis. Frontiers in Molecular Neuroscience, 2021, 14, 654031.	2.9	64
10	Synthesis and Biological Screening of New 4-Hydroxycoumarin Derivatives and Their Palladium(II) Complexes. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-18.	4.0	10
11	Insight in the Current Progress in the Largest Clinical Trials for Covid-19 Drug Management (As of) Tj ETQq1 1 0.784314 rgBT /Overlock 2021, 42, 5-18.	0.5	2
12	Bis-Bibenzyls from the Liverwort Pellia endiviifolia and Their Biological Activity. Plants, 2021, 10, 1063.	3.5	7
13	Facile Synthesis of L-Cysteine Functionalized Graphene Quantum Dots as a Bioimaging and Photosensitive Agent. Nanomaterials, 2021, 11, 1879.	4.1	12
14	Retinoic acid affects basic cellular processes and SOX2 and SOX18 expression in breast carcinoma cells. Biocell, 2021, 45, 1355-1367.	0.7	2
15	SOX transcription factors and glioma stem cells: Choosing between stemness and differentiation. World Journal of Stem Cells, 2021, 13, 1417-1445.	2.8	23
16	Inhibition of miR-21 Promotes Cellular Senescence in NT2-Derived Astrocytes. Biochemistry (Moscow), 2021, 86, 1434-1445.	1.5	3
17	Graphene quantum dots as singlet oxygen producer or radical quencher - The matter of functionalization with urea/thiourea. Materials Science and Engineering C, 2020, 109, 110539.	7.3	42
18	The use of remdesivir outside of clinical trials during the COVID-19 pandemic. Journal of Pharmaceutical Policy and Practice, 2020, 13, 61.	2.4	3

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19	Ononis spinosa L., an edible and medicinal plant: UHPLC-LTQ-Orbitrap/MS chemical profiling and biological activities of the herbal extract. Food and Function, 2020, 11, 7138-7151.	4.6	26
20	Current regulatory approaches for accessing potential COVID-19 therapies. Journal of Pharmaceutical Policy and Practice, 2020, 13, 16.	2.4	7
21	Complete mitogenome data for the Serbian population: the contribution to high-quality forensic databases. International Journal of Legal Medicine, 2020, 134, 1581-1590.	2.2	7
22	Methanolic Extract of the Herb Ononis spinosa L. Is an Antifungal Agent with no Cytotoxicity to Primary Human Cells. Pharmaceuticals, 2020, 13, 78.	3.8	22
23	Validation of a novel perfusion bioreactor system in cancer research. Hemijska Industrija, 2020, 74, 187-196.	0.7	5
24	Insights into platinum-induced peripheral neuropathyâ€“current perspective. Neural Regeneration Research, 2020, 15, 1623.	3.0	14
25	Pyrimethanil: Between efficient fungicide against Aspergillus rot on cherry tomato and cytotoxic agent on human cell lines. Annals of Applied Biology, 2019, 175, 228-235.	2.5	20
26	Graphene oxide size and structure pro-oxidant and antioxidant activity and photoinduced cytotoxicity relation on three cancer cell lines. Journal of Photochemistry and Photobiology B: Biology, 2019, 200, 111647.	3.8	39
27	Radiation effects on early phase of NT2/D1 neural differentiation in vitro. International Journal of Radiation Biology, 2019, 95, 1627-1639.	1.8	1
28	Synthesis and Characterization of 3-(1-((3,4-Dihydroxyphenethyl)amino)ethylidene)-chroman-2,4-dione as a Potential Antitumor Agent. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-12.	4.0	18
29	Neuroprotective Role of Selected Antioxidant Agents in Preventing Cisplatin-Induced Damage of Human Neurons In Vitro. Cellular and Molecular Neurobiology, 2019, 39, 619-636.	3.3	16
30	SOX3 can promote the malignant behavior of glioblastoma cells. Cellular Oncology (Dordrecht), 2019, 42, 41-54.	4.4	27
31	Subregion-specific Protective Effects of Fluoxetine and Clozapine on Parvalbumin Expression in Medial Prefrontal Cortex of Chronically Isolated Rats. Neuroscience, 2019, 396, 24-35.	2.3	28
32	Cytotoxicity Through Molecular Targets Involved in Apoptosis. Where Should We Further Search for Mushrooms Functionalities in Future Cancer Treatment?. Frontiers in Natural Product Chemistry, 2019, , 146-191.	0.2	1
33	Prognostic significance of SOX2, SOX3, SOX11, SOX14 and SOX18 gene expression in adult de novo acute myeloid leukemia. Leukemia Research, 2018, 67, 32-38.	0.8	17
34	Impact of measures to control brucellosis on disease characteristics in humans: experience from an endemic region in the Balkans. Infectious Diseases, 2018, 50, 340-345.	2.8	10
35	Benzothiazole carbamates and amides as antiproliferative species. European Journal of Medicinal Chemistry, 2018, 157, 1096-1114.	5.5	12
36	Early Impairments of Hippocampal Neurogenesis in 5xFAD Mouse Model of Alzheimerâ€™s Disease Are Associated with Altered Expression of SOXB Transcription Factors. Journal of Alzheimer's Disease, 2018, 65, 963-976.	2.6	29

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37	Features of Parapneumonic Effusions. Prilozi - Makedonska Akademija Na Naukite I Umetnostite Oddelenie Za Medicinski Nauki, 2018, 39, 131-141.	0.5	1
38	Abstract 456: WR1065, the active metabolite of amifostine modulates chemistry and biology of cisplatin. , 2018, , .		0
39	Chemical composition of the mushroom Meripilus giganteus Karst. and bioactive properties of its methanolic extract. LWT - Food Science and Technology, 2017, 79, 454-462.	5.2	29
40	Mitochondrial super-haplogroup U diversity in Serbians. Annals of Human Biology, 2017, 44, 408-418.	1.0	16
41	Oncogenic activity of SOX1 in glioblastoma. Scientific Reports, 2017, 7, 46575.	3.3	27
42	Histone modifications on the promoters of human OCT4 and NANOG genes at the onset of neural differentiation of NT2/D1 cells. Biochemistry (Moscow), 2017, 82, 715-722.	1.5	7
43	The Impact of 22q11.2 Microdeletion on Cardiac Surgery Postoperative Outcome. Pediatric Cardiology, 2017, 38, 1680-1685.	1.3	10
44	Epigenetic regulation of human SOX3 gene expression during early phases of neural differentiation of NT2/D1 cells. PLoS ONE, 2017, 12, e0184099.	2.5	6
45	SOX14 activates the p53 signaling pathway and induces apoptosis in a cervical carcinoma cell line. PLoS ONE, 2017, 12, e0184686.	2.5	20
46	Apigenin-7-O-glucoside versus apigenin: Insight into the modes of anticandidal and cytotoxic actions. EXCLI Journal, 2017, 16, 795-807.	0.7	56
47	All-trans retinoic acid influences viability, migration and adhesion of U251 glioblastoma cells. Archives of Biological Sciences, 2017, 69, 699-706.	0.5	1
48	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. Research in Developmental Disabilities, 2016, 55, 322-329.	2.2	17
49	Improving the diagnosis of children with 22q11.2 deletion syndrome: A single-center experience from Serbia. Indian Pediatrics, 2016, 53, 786-789.	0.4	3
50	Fever of unknown origin â^' diagnostic methods in a European developing country. Vojnosanitetski Pregled, 2016, 73, 553-558.	0.2	7
51	Speech and language abilities of children with the familial form of 22q11.2 deletion syndrome. Genetika, 2016, 48, 57-72.	0.4	1
52	The overexpression of SOX2 affects the migration of human teratocarcinoma cell line NT2/D1. Anais Da Academia Brasileira De Ciencias, 2015, 87, 389-404.	0.8	8
53	Transcription factor NF-Y inhibits cell growth and decreases SOX2 expression in human embryonal carcinoma cell line NT2/D1. Biochemistry (Moscow), 2015, 80, 202-207.	1.5	9
54	Crosstalk between SOXB1 proteins and WNT/Î²-catenin signaling in NT2/D1 cells. Histochemistry and Cell Biology, 2015, 144, 429-441.	1.7	5

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55	Antioxidant and antiproliferative activity of chokeberry juice phenolics during in vitro simulated digestion in the presence of food matrix. Food Chemistry, 2015, 175, 516-522.	8.2	79
56	Mitochondrial DNA perspective of Serbian genetic diversity. American Journal of Physical Anthropology, 2015, 156, 449-465.	2.1	15
57	SOX18 Is a Novel Target Gene of Hedgehog Signaling in Cervical Carcinoma Cell Lines. PLoS ONE, 2015, 10, e0143591.	2.5	24
58	SOX2 overexpression affects neural differentiation of human pluripotent NT2/D1 cells. Biochemistry (Moscow), 2014, 79, 1172-1182.	1.5	11
59	Quercetin reduces pluripotency, migration and adhesion of human teratocarcinoma cell line NT2/D1 by inhibiting Wnt/Î²-catenin signaling. Food and Function, 2014, 5, 2564-2573.	4.6	25
60	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. PLoS ONE, 2014, 9, e91852.	2.5	32
61	Cyclic AMP response element binding (CREB) protein acts as a positive regulator of SOX3 gene expression in NT2/D1 cells. BMB Reports, 2014, 47, 197-202.	2.4	4
62	Construction and functional analysis of novel dominant-negative mutant of human SOX18 protein. Biochemistry (Moscow), 2013, 78, 1287-1292.	1.5	7
63	The role of modern imaging techniques in the diagnosis of malposition of the branch pulmonary arteries and possible association with microdeletion 22q11.2. Cardiology in the Young, 2013, 23, 181-188.	0.8	19
64	Comparative evaluation of antimutagenic and antimitotic effects ofMorchella esculentaextracts and protocatechuic acid. Frontiers in Life Science: Frontiers of Interdisciplinary Research in the Life Sciences, 2013, 7, 218-223.	1.1	11
65	Mycotherapy of Cancer: An Update on Cytotoxic and Antitumor Activities of Mushrooms, Bioactive Principles and Molecular Mechanisms of their Action. Current Topics in Medicinal Chemistry, 2013, 13, 2791-2806.	2.1	40
66	Quercetin and lithium chloride modulate Wnt signaling in pluripotent embryonal carcinoma NT2/D1 cells. Archives of Biological Sciences, 2013, 65, 201-209.	0.5	5
67	TG-interacting Factor (TGIF) Downregulates SOX3 Gene Expression in the NT2/D1 Cell Line. Journal of Genetics and Genomics, 2012, 39, 19-27.	3.9	6
68	Establishment and initial characterization of SOX2-overexpressing NT2/D1 cell clones. Genetics and Molecular Research, 2012, 11, 1385-1400.	0.2	8
69	Direct PCR amplification of the HVSI region in mitochondrial DNA from buccal cell swabs. Archives of Biological Sciences, 2012, 64, 851-858.	0.5	6
70	4q34.1â€“q35.2 deletion in a boy with phenotype resembling 22q11.2 deletion syndrome. European Journal of Pediatrics, 2011, 170, 1465-1470.	2.7	19
71	Members of the CREB/ATF and AP1 family of transcription factors are involved in the regulation of SOX18 gene expression. Archives of Biological Sciences, 2011, 63, 517-525.	0.5	3
72	Regulation of the SOX3 Gene Expression by Retinoid Receptors. Physiological Research, 2011, 60, S83-S91.	0.9	2

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73	DETECTION OF PREMATURE SEGREGATION OF CENTROMERES IN PERSONS EXPOSED TO IONIZING RADIATION. Health Physics, 2010, 98, 717-727.	0.5	7
74	PBX1 and MEIS1 up-regulate SOX3 gene expression by direct interaction with a consensus binding site within the basal promoter region. Biochemical Journal, 2010, 425, 107-116.	3.7	27
75	VEGF and TNF up-regulate, NSAID down-regulate SOX18 protein level in HUVEC. Open Life Sciences, 2010, 5, 427-434.	1.4	1
76	Comparative Analysis of SOX3 Protein Orthologs: Expansion of Homopolymeric Amino Acid Tracts During Vertebrate Evolution. Biochemical Genetics, 2010, 48, 612-623.	1.7	7
77	Early growth response protein 1 acts as an activator of SOX18 promoter. Experimental and Molecular Medicine, 2010, 42, 132.	7.7	12
78	Tissue-specific Forkhead protein FOXA2 up-regulates SOX14 gene expression. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2010, 1799, 411-418.	1.9	4
79	Involvement of ubiquitous and tale transcription factors, as well as liganded RXRÎ±, in the regulation of human SOX2 gene expression in the NT2/D1 embryonal carcinoma cell line. Archives of Biological Sciences, 2010, 62, 199-210.	0.5	3
80	ZBP-89 and Sp3 down-regulate while NF-Y up-regulates SOX18 promoter activity in HeLa cells. Molecular Biology Reports, 2009, 36, 993-1000.	2.3	13
81	Remarkable evolutionary conservation of SOX14 orthologues. Journal of Genetics, 2009, 88, 15-24.	0.7	6
82	Retinoic acid-induced SoX3 gene expression in NT2/D1 cells is RXR homodimer-independent. Archives of Biological Sciences, 2009, 61, 631-638.	0.5	1
83	A rare association of interrupted aortic arch type C and microdeletion 22q11.2. European Journal of Pediatrics, 2008, 167, 1195-1198.	2.7	7
84	Upâ€regulation of the SOX3 gene expression by retinoic acid: characterization of the novel promoterâ€response element and the retinoid receptors involved. Journal of Neurochemistry, 2008, 107, 1206-1215.	3.9	20
85	Pattern of trisomy 1q in hematological malignancies: a single institution experience. Cancer Genetics and Cytogenetics, 2008, 186, 12-18.	1.0	14
86	Comparison of promoter regions ofSOX3,SOX14andSOX18orthologs in mammals. DNA Sequence, 2008, 19, 185-194.	0.7	5
87	Trans-activation of the human SOX3 promoter by MAZ in NT2/D1 cells. Archives of Biological Sciences, 2008, 60, 379-387.	0.5	3
88	PCR amplification and sequence analysis of the rat Sox3 gene. Archives of Biological Sciences, 2008, 60, 525-530.	0.5	1
89	Regulation of SOX3 gene expression is driven by multiple NF-Y binding elements. Archives of Biochemistry and Biophysics, 2007, 467, 163-173.	3.0	21
90	Generation of a whole chromosome painting probe from monochromosomal hybrid cells by the alu-polymerase chain reaction. Archives of Biological Sciences, 2007, 59, 89-95.	0.5	2

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91	The human SOX18 gene: Expression analysis and characterization of its 5â€™ flanking region. Archives of Biological Sciences, 2007, 59, 267-272.	0.5	4
92	Mapping of the RXRÎ± binding elements involved in retinoic acid induced transcriptional activation of the human SOX3 gene. Neuroscience Research, 2006, 56, 409-418.	1.9	19
93	Activation of the HSV-TK promoter in control reporter vector pBLCAT5 by liganded nuclear retinoid receptor RXRÎ±. Archives of Biological Sciences, 2006, 58, 197-203.	0.5	7
94	Rapid detection and purification of sequence specific DNA binding proteins using magnetic separation. Journal of the Serbian Chemical Society, 2006, 71, 135-141.	0.8	3
95	Functional characterization of the human SOX3 promoter: identification of transcription factors implicated in basal promoter activity. Gene, 2005, 344, 287-297.	2.2	41
96	Purification and functional analysis of the recombinant protein isolated from E. coli by employing three different methods of bacterial lysis. Journal of the Serbian Chemical Society, 2005, 70, 943-950.	0.8	1
97	Structural and functional characterization of the human SOX14 promoter. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2004, 1680, 53-59.	2.4	13
98	Gene expression analysis by non-radioactive RNA-RNA in situ hybridization techniques. Journal of Medical Biochemistry, 2004, 23, 127-133.	0.1	1
99	Modulation of SOX2 and SOX3 gene expression during differentiation of human neuronal precursor cell line NTERA2. Molecular Biology Reports, 2003, 30, 127-132.	2.3	42
100	Improved transfection efficiency of cultured human cells. Cell Biology International, 2003, 27, 735-737.	3.0	19
101	The human SOX18 gene: cDNA cloning and high resolution mapping. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2000, 1492, 237-241.	2.4	15
102	High-Resolution Human/Goat Comparative Map of the Goat Polled/Intersex Syndrome (PIS): The Human Homologue Is Contained in a Human YAC from HSA3q23. Genomics, 1999, 56, 31-39.	2.9	37
103	cDNA characterization and high resolution mapping of the human SOX20 gene. Mammalian Genome, 1998, 9, 1059-1061.	2.2	9
104	Campomelic dysplasia and autosomal sex reversal caused by mutations in an SRY-related gene. Nature, 1994, 372, 525-530.	27.8	1,476
105	Telomereâ€“associated chromosome fragmentation: applications in genome manipulation and analysis. Nature Genetics, 1992, 2, 275-282.	21.4	125
106	Genomic sequence of rat Î²-globin minor gene. Nucleic Acids Research, 1989, 17, 4878-4878.	14.5	6
107	Variant chromosomal arrangement of adult Î²-globin genes in rat. Gene, 1989, 79, 139-150.	2.2	10
108	Limited polymorphism of both classes of MHC genes in four different species of the Balkan mole rat. Immunogenetics, 1988, 28, 91-98.	2.4	24