

Srecko Gajovic

List of Publications by Year in descending order

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Version: 2024-02-01

89
papers

2,345
citations

257450

24
h-index

223800

46
g-index

95
all docs

95
docs citations

95
times ranked

3652
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulated splicing of the fibronectin EDA exon is essential for proper skin wound healing and normal lifespan. <i>Journal of Cell Biology</i> , 2003, 162, 149-160.	5.2	274
2	A Recent Evolutionary Change Affects a Regulatory Element in the Human FOXP2 Gene. <i>Molecular Biology and Evolution</i> , 2013, 30, 844-852.	8.9	205
3	Superparamagnetic Fe ₃ O ₄ Nanoparticles: Synthesis by Thermal Decomposition of Iron(III) Glucuronate and Application in Magnetic Resonance Imaging. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 7238-7247.	8.0	114
4	Concepts and definitions of health and health-related values in the knowledge landscapes of the digital society. <i>Croatian Medical Journal</i> , 2017, 58, 431-435.	0.7	111
5	Mutations in a Novel Gene, NHS, Cause the Pleiotropic Effects of Nance-Horan Syndrome, Including Severe Congenital Cataract, Dental Anomalies, and Mental Retardation. <i>American Journal of Human Genetics</i> , 2003, 73, 1120-1130.	6.2	107
6	Face Masks During the COVID-19 Pandemic: A Simple Protection Tool With Many Meanings. <i>Frontiers in Public Health</i> , 2020, 8, 606635.	2.7	100
7	Retinoic acid mediates Pax6 expression during in vitro differentiation of embryonic stem cells. <i>Differentiation</i> , 1998, 62, 187-192.	1.9	82
8	Distribution, Differentiation, and Survival of Intravenously Administered Neural Stem Cells in a Rat Model of Amyotrophic Lateral Sclerosis. <i>Cell Transplantation</i> , 2010, 19, 537-548.	2.5	74
9	Toll-like receptor 2 deficiency leads to delayed exacerbation of ischemic injury. <i>Journal of Neuroinflammation</i> , 2012, 9, 191.	7.2	74
10	Surface coating affects behavior of metallic nanoparticles in a biological environment. <i>Beilstein Journal of Nanotechnology</i> , 2016, 7, 246-262.	2.8	69
11	Synchrotron inline phase contrast μ CT enables detailed virtual histology of embedded soft-tissue samples with and without staining. <i>Journal of Synchrotron Radiation</i> , 2018, 25, 1153-1161.	2.4	62
12	Sarajevo Declaration on Integrity and Visibility of Scholarly Publications. <i>Croatian Medical Journal</i> , 2016, 57, 527-529.	0.7	57
13	Oxidative stress response in neural stem cells exposed to different superparamagnetic iron oxide nanoparticles. <i>International Journal of Nanomedicine</i> , 2016, 11, 1701.	6.7	57
14	Increased expression and colocalization of GAP43 and CASP3 after brain ischemic lesion in mouse. <i>Neuroscience Letters</i> , 2015, 597, 176-182.	2.1	56
15	Impact of surface functionalization on the uptake mechanism and toxicity effects of silver nanoparticles in HepG2 cells. <i>Food and Chemical Toxicology</i> , 2017, 107, 349-361.	3.6	55
16	Does surface coating of metallic nanoparticles modulate their interference with in vitro assays?. <i>RSC Advances</i> , 2015, 5, 70787-70807.	3.6	54
17	Physico-chemical characteristics, biocompatibility, and MRI applicability of novel monodisperse PEG-modified magnetic Fe ₃ O ₄ & SiO ₂ core-shell nanoparticles. <i>RSC Advances</i> , 2017, 7, 8786-8797.	3.6	44
18	Nop2 is expressed during proliferation of neural stem cells and in adult mouse and human brain. <i>Brain Research</i> , 2015, 1597, 65-76.	2.2	38

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19	Hypertension in β -Adducin ^{-/-} Deficient Mice. <i>Hypertension</i> , 2000, 36, 449-453.	2.7	37
20	Origin of the notochord in the rat embryo tail. <i>Anatomy and Embryology</i> , 1989, 179, 305-310.	1.5	32
21	Improved biocompatibility and efficient labeling of neural stem cells with poly(L-lysine)-coated maghemite nanoparticles. <i>Beilstein Journal of Nanotechnology</i> , 2016, 7, 926-936.	2.8	29
22	Distortion, confusion, and impasses: could a public dialogue within Knowledge Landscapes contribute to better communication and understanding of innovative knowledge?. <i>Croatian Medical Journal</i> , 2014, 55, 54-60.	0.7	28
23	Neural stem cells from mouse strain Thy1 YFP-16 are a valuable tool to monitor and evaluate neuronal differentiation and morphology. <i>Neuroscience Letters</i> , 2016, 634, 32-41.	2.1	28
24	Surface coating affects uptake of silver nanoparticles in neural stem cells. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 50, 684-692.	3.0	27
25	Genes Expressed after Retinoic Acid-Mediated Differentiation of Embryoid Bodies Are Likely to Be Expressed during Embryo Development. <i>Experimental Cell Research</i> , 1998, 242, 138-143.	2.6	23
26	Navigating knowledge landscapes: on health, science, communication, media, and society. <i>Croatian Medical Journal</i> , 2015, 56, 321-323.	0.7	23
27	Expression analysis of genes involved in TLR2-related signaling pathway: Inflammation and apoptosis after ischemic brain injury. <i>Neuroscience</i> , 2013, 238, 87-96.	2.3	22
28	Signaling by Neuronal Tyrosine Kinase Receptors: Relevance for Development and Regeneration. <i>Anatomical Record</i> , 2009, 292, 1976-1985.	1.4	21
29	RANK/RANKL/OPG Signaling in the Brain: A Systematic Review of the Literature. <i>Frontiers in Neurology</i> , 2020, 11, 590480.	2.4	21
30	An improved method for determination of gene copy numbers in transgenic mice by serial dilution curves obtained by real-time quantitative PCR assay. <i>Journal of Proteomics</i> , 2005, 64, 83-98.	2.4	20
31	Computed microtomography visualization and quantification of mouse ischemic brain lesion by nonionic radio contrast agents. <i>Croatian Medical Journal</i> , 2013, 54, 3-11.	0.7	18
32	When communicating health-related knowledge, beware of the black holes of the knowledge landscapes geography. <i>Croatian Medical Journal</i> , 2016, 57, 504-509.	0.7	17
33	D-mannose-Coating of Maghemite Nanoparticles Improved Labeling of Neural Stem Cells and Allowed Their Visualization by <i>ex vivo</i> MRI after Transplantation in the Mouse Brain. <i>Cell Transplantation</i> , 2019, 28, 553-567.	2.5	17
34	The First Mediterranean Seminar on Science Writing, Editing and Publishing, Sarajevo, December 2-3, 2016. <i>Acta Informatica Medica</i> , 2016, 24, 424.	1.1	17
35	Open access " is this the future of medical publishing?. <i>Croatian Medical Journal</i> , 2013, 54, 315-318.	0.7	16
36	Morphological evidence for secondary formation of the tail gut in the rat embryo. <i>Anatomy and Embryology</i> , 1993, 187, 291-297.	1.5	15

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37	Human embryo before ultrasound visualization. <i>Ultrasound Review of Obstetrics and Gynecology</i> , 2005, 5, 1-8.	0.2	15
38	Toward the Treatments with Neural Stem Cells: Experiences from Amyotrophic Lateral Sclerosis. <i>Anatomical Record</i> , 2009, 292, 1962-1967.	1.4	15
39	Multiscale study of the influence of cationic surfactants on amorphous calcium phosphate precipitation. <i>CrystEngComm</i> , 2015, 17, 8529-8548.	2.6	15
40	Ventral ectodermal ridge and ventral ectodermal groove: two distinct morphological features in the developing rat embryo tail. <i>Anatomy and Embryology</i> , 1995, 192, 181-187.	1.5	14
41	Mice Genotyping Using Buccal Swab Samples: An Improved Method. <i>Biochemical Genetics</i> , 2008, 46, 105-112.	1.7	14
42	Personalized medicine – where do we stand? Pouring some water into wine: a realistic perspective. <i>Croatian Medical Journal</i> , 2012, 53, 314-320.	0.7	14
43	The Second Mediterranean Seminar on Science Writing, Editing and Publishing (SWEP - 2018), Sarajevo, December 8th, 2018. <i>Acta Informatica Medica</i> , 2018, 26, 284.	1.1	14
44	Tlr2 Deficiency is Associated with Enhanced Elements of Neuronal Repair and Caspase 3 Activation Following Brain Ischemia. <i>Scientific Reports</i> , 2019, 9, 2821.	3.3	13
45	Self-Perceived Mental Health Status, Digital Activity, and Physical Distancing in the Context of Lockdown Versus Not-in-Lockdown Measures in Italy and Croatia: Cross-Sectional Study in the Early Ascending Phase of the COVID-19 Pandemic in March 2020. <i>Frontiers in Psychology</i> , 2021, 12, 621633.	2.1	13
46	Genetically modified stem cells for the treatment of neurological diseases. <i>Frontiers in Bioscience - Elite</i> , 2012, E4, 1170.	1.8	12
47	Wildfire-Like Effect of a WhatsApp Campaign to Mobilize a Group of Predominantly Health Professionals With a University Degree on a Health Issue: Infodemiology Study. <i>Journal of Medical Internet Research</i> , 2020, 22, e17051.	4.3	10
48	The Mouse Gene <i>Noto</i> Is Expressed in the Tail Bud and Essential for Its Morphogenesis. <i>Cells Tissues Organs</i> , 2010, 192, 85-92.	2.3	9
49	Unexpected Rescue of Alpha-synuclein and Multimerin1 Deletion in C57BL/6J OlaHsd Mice by Beta-adducin Knockout. <i>Transgenic Research</i> , 2006, 15, 255-259.	2.4	8
50	STAM2, a member of the endosome-associated complex ESCRT-0 is highly expressed in neurons. <i>Molecular and Cellular Neurosciences</i> , 2015, 67, 104-115.	2.2	8
51	Urodilatin reverses the detrimental influence of bradykinin in acute ischemic stroke. <i>Experimental Neurology</i> , 2016, 284, 1-10.	4.1	8
52	Independent, Publicly Funded Journals Adhering to Platinum Open Access Are the Future of Responsible Scholarly Publishing. <i>Journal of Korean Medical Science</i> , 2020, 35, e13.	2.5	8
53	Morphological Features of Tail Bud Development in <i>Truncate</i> Mouse Mutants. <i>Cells Tissues Organs</i> , 2004, 178, 23-32.	2.3	7
54	Krüppel-like transcription factor 8 (Klf8) is expressed and active in the neurons of the mouse brain. <i>Gene</i> , 2015, 570, 132-140.	2.2	7

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55	How fisetin reduces the impact of age and disease on CNS function. <i>Frontiers in Bioscience - Scholar</i> , 2015, 7, 58-82.	2.1	7
56	The innate immune toll-like-receptor-2 modulates the depressogenic and anorexiolytic neuroinflammatory response in obstructive sleep apnoea. <i>Scientific Reports</i> , 2020, 10, 11475.	3.3	7
57	Knowledge-for-data trade at the interface between precision medicine and person-centered care. <i>Croatian Medical Journal</i> , 2018, 59, 132-135.	0.7	6
58	Impact of High Salt Diet on Cerebral Vascular Function and Stroke in Tff3 ^{+/+} /C57BL/6N Knockout and WT (C57BL/6N) Control Mice. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5188.	4.1	6
59	Retinoic acid mediates. <i>Differentiation</i> , 1998, 62, 187.	1.9	6
60	Synthesis, characterization and in vitro biocompatibility assessment of a novel tripeptide hydrogelator, as a promising scaffold for tissue engineering applications. <i>Biomaterials Science</i> , 2016, 4, 1412-1416.	5.4	5
61	A novel adjustable automated system for inducing chronic intermittent hypoxia in mice. <i>PLoS ONE</i> , 2017, 12, e0174896.	2.5	5
62	Navigating Knowledge Landscapes in the digital society: a look back and visions for the future. <i>Croatian Medical Journal</i> , 2018, 59, 274-278.	0.7	5
63	Lentivirus- or AAV-mediated gene therapy interventions in ischemic stroke: A systematic review of preclinical <i>in vivo</i> studies. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 219-236.	4.3	5
64	Splice variant of mouse Stam2 mRNA in nervous and muscle tissue contains additional exon with stop codon within region coding for VHS domain. <i>Croatian Medical Journal</i> , 2006, 47, 16-24.	0.7	5
65	Why scholarly publishing might be a bubble. <i>Croatian Medical Journal</i> , 2017, 58, 1-3.	0.7	4
66	Digital mediators as key enablers of navigation toward health in knowledge landscapes. <i>Croatian Medical Journal</i> , 2018, 59, 178-182.	0.7	4
67	Semi-thin sections of epoxy resin-embedded mouse embryos in morphological analysis of whole mount <i>in situ</i> RNA hybridization. <i>Journal of Microscopy</i> , 2008, 232, 504-507.	1.8	3
68	What is constant in a time of change?. <i>Croatian Medical Journal</i> , 2011, 52, 593-593.	0.7	3
69	Neurons and a Subset of Interstitial Cells of Cajal in the Enteric Nervous System Highly Express <i>Stam2</i> Gene. <i>Anatomical Record</i> , 2012, 295, 113-120.	1.4	3
70	Brain extracellular matrix meets COST Matrix for European research networks. <i>Progress in Brain Research</i> , 2014, 214, xix-xxiii.	1.4	3
71	How Croatian patients suffering from amyotrophic lateral sclerosis have been turned into medical tourists â€” a comment on a medical and social phenomenon. <i>Croatian Medical Journal</i> , 2014, 55, 443-445.	0.7	3
72	The cost of scientific excellence â€” could it be expensive and out of reach?. <i>Croatian Medical Journal</i> , 2016, 57, 413-414.	0.7	3

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73	Diamond Open Access in the quest for interdisciplinarity and excellence. Croatian Medical Journal, 2017, 58, 261-262.	0.7	3
74	PCR-based identification of short deletion/insertions and single nucleotide substitutions in genotyping of splotch (Pax3sp) and truncate (Nototc) mouse mutants. Molecular and Cellular Probes, 2008, 22, 110-114.	2.1	2
75	Stam2 expression pattern during embryo development. Gene Expression Patterns, 2012, 12, 68-76.	0.8	2
76	Resisting the small cake phenomenon " sharing resources and knowledge makes you rich. Croatian Medical Journal, 2017, 58, 93-94.	0.7	2
77	Publishing interdisciplinary research " a perspective from the Croatian Medical Journal. Croatian Medical Journal, 2015, 56, 399-400.	0.7	1
78	Nobel Peace Prize nomination for Doctors Against Forced Organ Harvesting (DAFOH) " a recognition of upholding ethical practices in medicine. Croatian Medical Journal, 2016, 57, 219-222.	0.7	1
79	Human embryo before ultrasound visualization. Ultrasound Review of Obstetrics and Gynecology, 2005, 5, 1-8.	0.2	1
80	The Therapeutic Potential of Stem Cells in Amyotrophic Lateral Sclerosis. Current Signal Transduction Therapy, 2011, 6, 341-346.	0.5	1
81	Morphogenetic and Differentiation Powers of the Human Embryo. Donald School Journal of Ultrasound in Obstetrics and Gynecology, 2021, 14, 327-332.	0.3	1
82	Differentiation and Developmental Potential of Rat Post-implantation Embryo without Extra-Embryonic Membranes Cultured In Vitro or Grafted In Vivo. Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia, 2004, 33, 90-95.	0.7	0
83	PCR-Quality DNA Isolation from Human Bronchial Aspirates and Buccal and Eyelid Swabs by a Simple Procedure Based on Alkaline Lysis. Genetic Testing and Molecular Biomarkers, 2009, 13, 799-802.	0.7	0
84	The effect of natriuretic peptides and bradykinin on development of brain oedema after ischemic stroke. BMC Pharmacology & Toxicology, 2015, 16, .	2.4	0
85	How to express visually the genetic identity of a scientific journal? " an example of the Croatian Medical Journal cover page. Croatian Medical Journal, 2015, 56, 179-180.	0.7	0
86	BIOMEDICAL RESEARCHERS CONFRONTING THE COVID-19 PANDEMIC. Central Asian Journal of Medical Hypotheses and Ethics, 2021, 2, 23-28.	0.4	0
87	Molecular biomarkers of lung carcinoma. Frontiers in Bioscience - Elite, 2012, E4, 865-875.	1.8	0
88	Introduction: A Multidisciplinary Approach to the Digital Landscape. , 2021, , 1-11.		0
89	Exploring the Concept of the Knowledge Landscape Geography: Some Proposals and Reflections. , 2021, , 89-103.		0