

# Natalija Filipovic

## List of Publications by Year in descending order

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Version: 2024-02-01

71  
papers

578  
citations

687363

13  
h-index

888059

17  
g-index

72  
all docs

72  
docs citations

72  
times ranked

682  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dietary DHA/EPA supplementation ameliorates diabetic nephropathy by protecting from distal tubular cell damage. <i>Cell and Tissue Research</i> , 2019, 378, 301-317.	2.9	24
2	Increased vitamin D receptor expression in dorsal root ganglia neurons of diabetic rats. <i>Neuroscience Letters</i> , 2013, 549, 140-145.	2.1	22
3	Long-term streptozotocin diabetes impairs arachidonic and docosahexaenoic acid metabolism and $\Delta^5$ desaturation indices in aged rats. <i>Experimental Gerontology</i> , 2014, 60, 140-146.	2.8	21
4	Relationship between fructosamine with serum protein, albumin and glucose concentrations in dairy ewes. <i>Small Ruminant Research</i> , 2011, 96, 46-48.	1.2	18
5	Effects of isoflurane postconditioning on chronic phase of ischemia-reperfusion heart injury in rats. <i>Cardiovascular Pathology</i> , 2015, 24, 94-101.	1.6	18
6	Effects of treatment with sucrose in drinking water on liver histology, lipogenesis and lipogenic gene expression in rats fed high-fiber diet. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2017, 116, 1-8.	2.2	18
7	Expression pattern of RAGE and IGF-1 in the human fetal ovary and ovarian serous carcinoma. <i>Acta Histochemica</i> , 2015, 117, 468-476.	1.8	16
8	Hepatic Lipogenesis and Brain Fatty Acid Profile in Response to Different Dietary n6/n3 Ratios and DHA/EPA Supplementation in Streptozotocin Treated Rats. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1701007.	3.3	16
9	Expression and localization of DAB1 and Reelin during normal human kidney development. <i>Croatian Medical Journal</i> , 2019, 60, 521-531.	0.7	16
10	Tissue fatty acid composition and estimated $\Delta^7$ desaturase activity after castration in chicken broilers fed with linseed or sunflower oil. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2014, 98, 384-392.	2.2	15
11	Immunohistochemical and electronmicroscopic features of mesenchymal-to-epithelial transition in human developing, postnatal and nephrotic podocytes. <i>Histochemistry and Cell Biology</i> , 2017, 147, 481-495.	1.7	15
12	The influence of late pregnancy and lactation on bone metabolism in mares. <i>Research in Veterinary Science</i> , 2010, 88, 405-410.	1.9	14
13	Immunohistochemical expression pattern of RIP5, FGFR1, FGFR2 and HIP2 in the normal human kidney development. <i>Acta Histochemica</i> , 2019, 121, 531-538.	1.8	14
14	Plasma parathyroid hormone-related peptide and bone metabolism in periparturient dairy cows. <i>Acta Veterinaria Hungarica</i> , 2008, 56, 235-244.	0.5	13
15	Diabetes mellitus influences the expression of NPY and VEGF in neurons of rat trigeminal ganglion. <i>Neuropeptides</i> , 2017, 62, 57-64.	2.2	12
16	Expression pattern of apoptosis-inducing factor in the kidneys of streptozotocin-induced diabetic rats. <i>Acta Histochemica</i> , 2020, 122, 151655.	1.8	12
17	Alteration of Cx37, Cx40, Cx43, Cx45, Panx1, and Renin Expression Patterns in Postnatal Kidneys of Dab1 <sup>-/-</sup> (yotari) Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1284.	4.1	12
18	Ultrastructural characterization of vitamin D receptors and metabolizing enzymes in the lipid droplets of the fatty liver in rat. <i>Acta Histochemica</i> , 2020, 122, 151502.	1.8	11

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19	Changes in neurofilament 200 and tyrosine hydroxylase expression in the cardiac innervation of diabetic rats during aging. <i>Cardiovascular Pathology</i> , 2018, 32, 38-43.	1.6	10
20	Glomeruli from patients with nephrin mutations show increased number of ciliated and poorly differentiated podocytes. <i>Acta Histochemica</i> , 2018, 120, 748-756.	1.8	10
21	Connexin Signaling in the Juxtaglomerular Apparatus (JGA) of Developing, Postnatal Healthy and Nephrotic Human Kidneys. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8349.	4.1	10
22	Sigma $\alpha$ 1 Receptor Expression in DRG Neurons During a Carrageenan $\alpha$ Provoked Inflammation. <i>Anatomical Record</i> , 2019, 302, 1620-1627.	1.4	9
23	Prognostic value of connective tissue growth factor and c-Myb expression in IgA nephropathy and Henoch-Sch $\alpha$ lein purpura $\alpha$ A pilot immunohistochemical study. <i>Acta Histochemica</i> , 2020, 122, 151479.	1.8	9
24	PUFAs supplementation affects the renal expression of pannexin 1 and connexins in diabetic kidney of rats. <i>Histochemistry and Cell Biology</i> , 2020, 153, 165-175.	1.7	9
25	Effects of Different n6/n3 PUFAs Dietary Ratio on Cardiac Diabetic Neuropathy. <i>Nutrients</i> , 2020, 12, 2761.	4.1	9
26	A Homozygous Dab1 $\alpha$ Is a Potential Novel Cause of Autosomal Recessive Congenital Anomalies of the Mice Kidney and Urinary Tract. <i>Biomolecules</i> , 2021, 11, 609.	4.0	9
27	Aging and a long-term diabetes mellitus increase expression of 1 $\alpha$ -hydroxylase and vitamin D receptors in the rat liver. <i>Experimental Gerontology</i> , 2015, 72, 167-176.	2.8	8
28	Diabetes mellitus affects activity of calcium/calmodulin-dependent protein kinase II alpha in rat trigeminal ganglia. <i>Journal of Chemical Neuroanatomy</i> , 2015, 64-65, 12-19.	2.1	8
29	Interplay of proliferation and differentiation factors is revealed in the early human eye development. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2015, 253, 2187-2201.	1.9	8
30	Expression of Epithelial and Mesenchymal Differentiation Markers in the Early Human Gonadal Development. <i>Anatomical Record</i> , 2017, 300, 1315-1326.	1.4	8
31	Changes in expression of special AT-rich sequence binding protein 1 and phosphatase and tensin homologue in kidneys of diabetic rats during ageing. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, 1734-1741.	0.7	8
32	Changes in snail and SRF expression in the kidneys of diabetic rats during ageing. <i>Acta Histochemica</i> , 2020, 122, 151460.	1.8	8
33	Expression of Connexins 37, 43 and 45 in Developing Human Spinal Cord and Ganglia. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9356.	4.1	8
34	Expression of PTHrP and PTH/PTHrP receptor 1 in the superior cervical ganglia of rats. <i>Neuropeptides</i> , 2014, 48, 353-359.	2.2	7
35	Gender and gonadectomy influence on neurons in superior cervical ganglia of sexually mature rats. <i>Neuroscience Letters</i> , 2014, 563, 55-60.	2.1	7
36	Neuronal differentiation in the early human retinogenesis. <i>Acta Histochemica</i> , 2017, 119, 264-272.	1.8	7

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37	Spatio-temporal patterning of different connexins in developing and postnatal human kidneys and in nephrotic syndrome of the Finnish type (CNF). <i>Scientific Reports</i> , 2020, 10, 8756.	3.3	7
38	Isoflurane post-conditioning stimulates the proliferative phase of myocardial recovery in an ischemia-reperfusion model of heart injury in rats. <i>Histology and Histopathology</i> , 2014, 29, 89-99.	0.7	7
39	The Expression of Connexin 37, 40, 43, 45 and Pannexin 1 in the Early Human Retina and Choroid Development and Tumorigenesis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5918.	4.1	7
40	Changes in cardiac innervation during maturation in long-term diabetes. <i>Experimental Gerontology</i> , 2013, 48, 1473-1478.	2.8	6
41	Expression pattern of CYP24 in liver during ageing in long-term diabetes. <i>Acta Histochemica</i> , 2016, 118, 486-495.	1.8	6
42	Neuronal differentiation in the developing human spinal ganglia. <i>Anatomical Record</i> , 2016, 299, 1060-1072.	1.4	6
43	Expression Pattern of iNOS, BCL-2 and MMP-9 in the Hip Synovium Tissue of Patients with Osteoarthritis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1489.	4.1	6
44	The influence of age on bone metabolism in mares during late pregnancy and lactation. <i>Research in Veterinary Science</i> , 2014, 97, 194-198.	1.9	5
45	Expression of DENDRIN in several glomerular diseases and correlation to pathological parameters and renal failure - preliminary study. <i>Diagnostic Pathology</i> , 2018, 13, 90.	2.0	5
46	Reabsorption in the proximal tubuli – ultrastructural evidence for a novel aspect of renal VEGF trafficking. <i>Cell and Tissue Research</i> , 2018, 374, 189-201.	2.9	5
47	Expression Pattern of $\gamma$ -Tubulin, Inversin and Its Target Dishevelled-1 and Morphology of Primary Cilia in Normal Human Kidney Development and Diseases. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3500.	4.1	5
48	Connexin Expression Is Altered in Liver Development of Yotari (dab1 -/-) Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10712.	4.1	5
49	Serum fructosamine concentrations in relation to metabolic changes during late pregnancy and early lactation in mares. <i>Berliner Und Munchener Tierarztliche Wochenschrift</i> , 2010, 123, 169-73.	0.7	5
50	Blood lipids and fatty acid composition of abdominal fat in castrated and intact male common pheasant ( <i>Colchicus colchicus</i> ). <i>Italian Journal of Animal Science</i> , 2010, 9, e78.	1.9	4
51	Expression of vitamin D receptors in the superior cervical ganglia of rats. <i>Biotechnic and Histochemistry</i> , 2018, 93, 320-327.	1.3	4
52	Renal expression of sigma 1 receptors in diabetic rats. <i>Acta Histochemica</i> , 2020, 122, 151580.	1.8	4
53	Spatio-Temporal Expression Pattern of Ki-67, pRB, MMP-9 and Bax in Human Secondary Palate Development. <i>Life</i> , 2021, 11, 164.	2.4	4
54	GREB1L, CRELD2 and ITGA10 expression in the human developmental and postnatal kidneys: an immunohistochemical study. <i>Acta Histochemica</i> , 2021, 123, 151679.	1.8	4

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55	Immunohistochemical Expression Pattern of Mismatch Repair Genes in the Short-term Streptozotocin-induced Diabetic Rat Kidneys. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2021, Publish Ahead of Print, e83-e91.	1.2	4
56	Expression Pattern of 5-HT (Serotonin) Receptors during Normal Development of the Human Spinal Cord and Ganglia and in Fetus with Cervical Spina Bifida. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7320.	4.1	4
57	CRKL, AIFM3, AIF, BCL2, and UBASH3A during Human Kidney Development. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9183.	4.1	4
58	Chronic Stress and Gonadectomy Affect the Expression of Cx37, Cx40 and Cx43 in the Spinal Cord. <i>Life</i> , 2021, 11, 1330.	2.4	4
59	Expression of Pannexin 1 in the Human Kidney during Embryonal, Early Fetal and Postnatal Development and Its Prognostic Significance in Diabetic Nephropathy. <i>Biomedicines</i> , 2022, 10, 944.	3.2	4
60	Differences in Immunohistochemical and Ultrastructural Features between Podocytes and Parietal Epithelial Cells (PECs) Are Observed in Developing, Healthy Postnatal, and Pathologically Changed Human Kidneys. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7501.	4.1	4
61	Expression of nestin in superior cervical ganglia of rats is influenced by gender and gonadectomy. <i>Journal of Chemical Neuroanatomy</i> , 2015, 63, 6-12.	2.1	3
62	Time course and expression pattern of the neuronal markers in the developing human spinal cord. <i>International Journal of Developmental Neuroscience</i> , 2019, 74, 1-10.	1.6	3
63	Factors That Determine Completion Rates of Biomedical Students in a PhD Programme. <i>Education Sciences</i> , 2020, 10, 336.	2.6	2
64	SATB1 and PTEN expression patterns in biopsy proven kidney diseases. <i>Acta Histochemica</i> , 2020, 122, 151631.	1.8	2
65	Expression of renal vitamin D receptors and metabolizing enzymes in IgA nephropathy. <i>Acta Histochemica</i> , 2021, 123, 151740.	1.8	2
66	Sex-specific effects of metformin and liraglutide on renal pathology and expression of connexin 45 and pannexin 1 following long-term high-fat high-sugar diet. <i>Acta Histochemica</i> , 2021, 123, 151817.	1.8	2
67	Increased expression of dendrin in the dorsal horn of the spinal cord during stress is regulated by sex hormones. <i>Neuropeptides</i> , 2021, 86, 102126.	2.2	1
68	Chronic sucrose intake increases expression of SREBP-1c and inflammatory response genes in rat kidneys without significant changes in long chain polyunsaturated fatty acid content. <i>Veterinarski Arhiv</i> , 2018, 88, 497-510.	0.3	1
69	The Interplay of Cx26, Cx32, Cx37, Cx40, Cx43, Cx45, and Panx1 in Inner-Ear Development of Yotari ( <i>dab1<sup>Δ</sup>/Δ) Mice and Humans. <i>Biomedicines</i>, 2022, 10, 589.</i>	3.2	1
70	A Lack of GD3 Synthase Leads to Impaired Renal Expression of Connexins and Pannexin1 in <i>St8sia1</i> Knockout Mice. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6237.	4.1	1
71	Potential Influence of Age and Diabetes Mellitus Type 1 on MSH2 (MutS homolog 2) Expression in a Rat Kidney Tissue. <i>Genes</i> , 2022, 13, 1053.	2.4	0