

# Marija Heffer

## List of Publications by Year in descending order

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44  
papers

731  
citations

687363

13  
h-index

552781

26  
g-index

44  
all docs

44  
docs citations

44  
times ranked

1351  
citing authors

#	ARTICLE	IF	CITATIONS
1	Species-Dependent Posttranscriptional Regulation of NOS1 by FMRP in the Developing Cerebral Cortex. <i>Cell</i> , 2012, 149, 899-911.	28.9	115
2	Biosynthesis of the major brain gangliosides GD1a and GT1b. <i>Glycobiology</i> , 2012, 22, 1289-1301.	2.5	100
3	Differential Distribution of Major Brain Gangliosides in the Adult Mouse Central Nervous System. <i>PLoS ONE</i> , 2013, 8, e75720.	2.5	80
4	SARS-CoV-2 Dissemination Through Peripheral Nerves Explains Multiple Organ Injury. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 229.	3.7	64
5	High levels of depression and anxiety among Croatian medical and nursing students and the correlation between subjective happiness and personality traits. <i>International Review of Psychiatry</i> , 2019, 31, 653-660.	2.8	59
6	Expression of Calcium/Calmodulin-Dependent Protein Kinase II and Pain-Related Behavior in Rat Models of Type 1 and Type 2 Diabetes. <i>Anesthesia and Analgesia</i> , 2013, 116, 712-721.	2.2	26
7	Structural analysis of brain ganglioside acetylation patterns in mice with altered ganglioside biosynthesis. <i>Carbohydrate Research</i> , 2013, 382, 1-8.	2.3	22
8	Genetic variations in circadian rhythm genes and susceptibility for myocardial infarction. <i>Genetics and Molecular Biology</i> , 2018, 41, 403-409.	1.3	21
9	Impact of ovariectomy, high fat diet, and lifestyle modifications on oxidative/antioxidative status in the rat liver. <i>Croatian Medical Journal</i> , 2014, 55, 218-227.	0.7	19
10	Targeting Burkitt lymphoma with a tumor cell-specific heptamethine carbocyanine-cisplatin conjugate. <i>Cancer</i> , 2019, 125, 2222-2232.	4.1	18
11	Circadian clock genes and circadian phenotypes in patients with myocardial infarction. <i>Advances in Medical Sciences</i> , 2019, 64, 224-229.	2.1	18
12	Plasma Membrane Calcium ATPase-Neuroplastin Complexes Are Selectively Stabilized in GM1-Containing Lipid Rafts. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13590.	4.1	15
13	Single acute stress-induced progesterone and ovariectomy alter cardiomyocyte contractile function in female rats. <i>Croatian Medical Journal</i> , 2014, 55, 239-249.	0.7	13
14	Overexpression of CREB protein protects from tunicamycin-induced apoptosis in various rat cell types. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2014, 19, 1080-1098.	4.9	13
15	Sex-specific chronic stress response at the level of adrenal gland modifies sexual hormone and leptin receptors. <i>Croatian Medical Journal</i> , 2015, 56, 104-113.	0.7	12
16	Role of ganglioside biosynthesis genetic polymorphism in cervical cancer development. <i>Journal of Obstetrics and Gynaecology</i> , 2020, 40, 1127-1132.	0.9	11
17	Medication effects on developmental sterol biosynthesis. <i>Molecular Psychiatry</i> , 2022, 27, 490-501.	7.9	11
18	Distribution of mono-, di- and trisialo gangliosides in the brain of Actinopterygian fishes. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012, 1820, 1437-1443.	2.4	9

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19	Neuroplastin Expression in the Hippocampus of Mice Lacking Complex Gangliosides. <i>Journal of Molecular Neuroscience</i> , 2012, 48, 161-166.	2.3	9
20	Ovariectomy and chronic stress lead toward leptin resistance in the satiety centers and insulin resistance in the hippocampus of Sprague-Dawley rats. <i>Croatian Medical Journal</i> , 2016, 57, 194-206.	0.7	8
21	Disarranged neuroplastin environment upon aging and chronic stress recovery in female Sprague Dawley rats. <i>European Journal of Neuroscience</i> , 2021, , .	2.6	8
22	Who's in, who's out? Reevaluation of lipid raft residents. <i>Journal of Neurochemistry</i> , 2021, 158, 657-672.	3.9	8
23	Importance of the big-five in the future medical specialty preference. <i>BMC Medical Education</i> , 2020, 20, 234.	2.4	7
24	Dendritic morphology and spine density is not altered in motor cortex and dentate granular cells in mice lacking the ganglioside biosynthetic gene B4galnt1 - A quantitative Golgi cox study. <i>Collegium Antropologicum</i> , 2011, 35 Suppl 1, 25-30.	0.2	7
25	Effects of high fat diet, ovariectomy, and physical activity on leptin receptor expression in rat brain and white fat tissue. <i>Croatian Medical Journal</i> , 2014, 55, 228-238.	0.7	6
26	The circle of Willis revisited: Forebrain dehydration sensing facilitated by the anterior communicating artery. <i>BioEssays</i> , 2021, 43, e2000115.	2.5	6
27	High-throughput rat immunoglobulin G N-glycosylation profiling revealed subclass-specific changes associated with chronic stress. <i>Journal of Proteomics</i> , 2021, 245, 104293.	2.4	6
28	Genetic variation in leptin and leptin receptor genes is a risk factor for idiopathic recurrent spontaneous abortion. <i>Croatian Medical Journal</i> , 2016, 57, 566-571.	0.7	5
29	Association of Circadian Rhythm with Myocardial Infarction. <i>Acta Clinica Croatica</i> , 2018, 57, 480-486.	0.2	4
30	Circadian Typology and Personality Dimensions of Croatian Students of Health-Related University Majors. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 4794.	2.6	4
31	AC/DC magnetic device for safe medical use of potentially harmful magnetic nanocarriers. <i>Journal of Hazardous Materials</i> , 2021, 409, 124918.	12.4	4
32	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
33	Cholesterogenic genes expression in brain and liver of ganglioside-deficient mice. <i>Molecular and Cellular Biochemistry</i> , 2012, 369, 127-133.	3.1	3
34	Sex differences in oxidative stress level and antioxidative enzymes expression and activity in obese pre-diabetic elderly rats treated with metformin or liraglutide. <i>Croatian Medical Journal</i> , 2021, 62, 215-226.	0.7	3
35	Plasma Content of Glucose, C-reactive Protein, Uric Acid and Cholesterol in Male, Female and Ovariectomized Rats upon Acute and Chronic Stress—a Path for Development of Cardiovascular Diseases. <i>Collegium Antropologicum</i> , 2015, 39, 385-92.	0.2	3
36	Construction of AC/DC magnetic syringe device for stimulated drug release, injection and ejection of nanocarriers and testing cytotoxicity in vitro. <i>MethodsX</i> , 2021, 8, 101312.	1.6	2

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37	A mathematical model reveals sex-specific changes in glucose and insulin tolerance during rat puberty and maturation. <i>Croatian Medical Journal</i> , 2020, 61, 107-118.	0.7	2
38	Interleukin-10 rs1800896 and interleukin-1B rs16944 polymorphisms and the risk of cervical cancer. <i>Wiener Medizinische Wochenschrift</i> , 2022, , 1.	1.1	2
39	MALDI TOF Mass Spectrometry Imaging of Blood Smear: Method Development and Evaluation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 585.	4.1	1
40	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
41	Differences in Fatty Acid Profile and Physical-Chemical Composition of Slavonska slanina "Dry Cured Smoked Bacon Produced from Black Slavonian Pig and Modern Pigs. <i>Animals</i> , 2022, 12, 924.	2.3	1
42	A Lack of GD3 Synthase Leads to Impaired Renal Expression of Connexins and Pannexin1 in St8sia1 Knockout Mice. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6237.	4.1	1
43	Active Work Strategies in Single and Block Scheduled Classes and Biology Test Results. <i>Sociologija i Prostor</i> , 2014, , .	0.1	0
44	A Hypercaloric Diet Induces Early Podocyte Damage in Aged, Non-Diabetic Rats. <i>Cellular Physiology and Biochemistry</i> , 2021, 55, 96-112.	1.6	0