

# Serkan Gurgul

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

286  
citations

933447

10  
h-index

888059

17  
g-index

25  
all docs

25  
docs citations

25  
times ranked

482  
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of insulin therapy on biomechanical deterioration of bone in streptozotocin (STZ)-induced type 1 diabetes mellitus in rats. <i>Diabetes Research and Clinical Practice</i> , 2012, 97, 461-467.	2.8	34
2	Effect of N-acetylcysteine on Radiation-induced Genotoxicity and Cytotoxicity in Rat Bone Marrow. <i>Journal of Radiation Research</i> , 2009, 50, 43-50.	1.6	30
3	Effects of Long-term Exposure of Extremely Low Frequency Magnetic Field on Oxidative/Nitrosative Stress in Rat Liver. <i>Journal of Radiation Research</i> , 2008, 49, 181-187.	1.6	29
4	Cytogenetic effects of extremely low frequency magnetic field on Wistar rat bone marrow. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2007, 630, 69-77.	1.7	27
5	Deterioration of bone quality by long-term magnetic field with extremely low frequency in rats. <i>Bone</i> , 2008, 42, 74-80.	2.9	26
6	Deterioration of Bone Quality by Streptozotocin (STZ)-Induced Type 2 Diabetes Mellitus in Rats. <i>Biological Trace Element Research</i> , 2011, 140, 342-353.	3.5	26
7	Inhibition of Radiation-Induced Oxidative Damage in the Lung Tissue: May Acetylsalicylic Acid Have a Positive Role?. <i>Inflammation</i> , 2016, 39, 158-165.	3.8	22
8	The effect of N-acetylcysteine on biomarkers for radiation-induced oxidative damage in a rat model. <i>Acta Medica Okayama</i> , 2008, 62, 403-9.	0.2	17
9	miRNA expression profile is altered differentially in the rat brain compared to blood after experimental exposure to 50ÅHz and 1ÅmT electromagnetic field. <i>Progress in Biophysics and Molecular Biology</i> , 2018, 132, 35-42.	2.9	11
10	The Effect of Long-Term Extremely Low-Frequency Magnetic Field on Geometric and Biomechanical Properties of Rats' Bone. <i>Electromagnetic Biology and Medicine</i> , 2010, 29, 9-18.	1.4	10
11	Determination of the effects of pulmonary arterial hypertension and therapy on the cardiovascular system of rats by impedance cardiography. <i>Croatian Medical Journal</i> , 2014, 55, 498-506.	0.7	8
12	Melatonin can Ameliorate Radiation-Induced Oxidative Stress and Inflammation-Related Deterioration of Bone Quality in Rat Femur. <i>Inflammation</i> , 2016, 39, 1134-40.	3.8	8
13	Does Levetiracetam Administration Prevent Cardiac Damage in Adulthood Rats Following Neonatal Hypoxia/Ischemia-Induced Brain Injury?. <i>Medicina (Lithuania)</i> , 2018, 54, 12.	2.0	6
14	N-Acetylcysteine Ameliorates $\text{I}^{137}$ -Radiation-Induced Deterioration of Bone Quality in the Rat Femur. <i>Journal of International Medical Research</i> , 2011, 39, 2393-2401.	1.0	5
15	Electrocardiography (ECG) analysis and a new feature extraction method using wavelet transform with scalogram analysis. <i>Biomedizinische Technik</i> , 2020, 65, 543-556.	0.8	5
16	Effects of a Tumor Necrosis Factor-Alpha Inhibitor (Etanercept) on the Sciatic Nerve in a Hypoxic Ischemia-Induced Neonatal Rat Model. <i>Advances in Clinical and Experimental Medicine</i> , 2014, 23, 705-713.	1.4	5
17	Lack of Effect of Extremely Low Frequency Electromagnetic Fields on Cyclin-Dependent Kinase 4 Inhibitor Gene p18INK4C in Electric Energy Workers. <i>Archives of Medical Research</i> , 2005, 36, 120-123.	3.3	3
18	Clinical and histopathological relationship of sildenafil and bosentan treatments in rats with monocrotaline induced pulmonary hypertension. <i>Bratislava Medical Journal</i> , 2017, 118, 544-551.	0.8	3

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19	Comparison of the Effects of Pulsed Electromagnetic Field and Extracorporeal Shockwave Therapy in a Rabbit Model of Experimentally Induced Achilles Tendon Injury. <i>Bioelectromagnetics</i> , 2021, 42, 128-145.	1.6	3
20	The Protective Effects of Pulsed Magnetic Field and Melatonin on Testis Torsion and Detorsion Induced Rats Indicated by Scintigraphy, Positron Emission Tomography/Computed Tomography and Histopathological Methods. <i>Urology Journal</i> , 2018, 15, 387-396.	0.4	3
21	Does anti-IgE therapy prevent chronic allergic asthma-related bone deterioration in asthmatic mice?. <i>Journal of Biomechanics</i> , 2022, 141, 111180.	2.1	2
22	Maternal cardiovascular hemodynamics in a patient with mitral prosthetic heart valve evaluated with impedance cardiography and echocardiography. <i>Anatolian Journal of Cardiology</i> , 2011, 11, 655-6.	0.4	1
23	Rebaudioside A inhibits pentylenetetrazolâ€induced convulsions in rats. <i>Kaohsiung Journal of Medical Sciences</i> , 2016, 32, 446-451.	1.9	1
24	Determination of drug activity on pulmonary arterial hypertension using frequency-domain analysis of measured ECG signals. , 2017, , .		1
25	The Effect of Glucovance Therapy on Biomechanical Deterioration of Bone in Streptozotocin-Induced Diabetic Rats. <i>Acta Endocrinologica</i> , 2019, 15, 301-304.	0.3	0