

ElÅ¼bieta Miller

List of Publications by Year in descending order

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Version: 2024-02-01

74
papers

1,710
citations

279487

23
h-index

329751

37
g-index

79
all docs

79
docs citations

79
times ranked

2140
citing authors

#	ARTICLE	IF	CITATIONS
1	Isoprostanes and Neuroprostanes as Biomarkers of Oxidative Stress in Neurodegenerative Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-10.	1.9	101
2	Melatonin Redox Activity. Its Potential Clinical Applications in Neurodegenerative Disorders. <i>Current Topics in Medicinal Chemistry</i> , 2015, 15, 163-169.	1.0	80
3	Oxidative modification of patient's plasma proteins and its role in pathogenesis of multiple sclerosis. <i>Clinical Biochemistry</i> , 2012, 45, 26-30.	0.8	75
4	Multiple Sclerosis. <i>Advances in Experimental Medicine and Biology</i> , 2012, 724, 222-238.	0.8	68
5	Melatonin reduces oxidative stress in the erythrocytes of multiple sclerosis patients with secondary progressive clinical course. <i>Journal of Neuroimmunology</i> , 2013, 257, 97-101.	1.1	65
6	A Review of Various Antioxidant Compounds and their Potential Utility as Complementary Therapy in Multiple Sclerosis. <i>Nutrients</i> , 2019, 11, 1528.	1.7	65
7	The Level of Isoprostanes as a Non-invasive Marker for in vivo Lipid Peroxidation in Secondary Progressive Multiple Sclerosis. <i>Neurochemical Research</i> , 2011, 36, 1012-1016.	1.6	60
8	Effect of short-term cryostimulation on antioxidative status and its clinical applications in humans. <i>European Journal of Applied Physiology</i> , 2012, 112, 1645-1652.	1.2	57
9	Whole-body cryostimulation (cryotherapy) provides benefits for fatigue and functional status in multiple sclerosis patients. A case-control study. <i>Acta Neurologica Scandinavica</i> , 2016, 134, 420-426.	1.0	55
10	Extremely low frequency electromagnetic field (ELF-EMF) reduces oxidative stress and improves functional and psychological status in ischemic stroke patients. <i>Bioelectromagnetics</i> , 2017, 38, 386-396.	0.9	51
11	Pharmacological Interventions and Rehabilitation Approach for Enhancing Brain Self-repair and Stroke Recovery. <i>Current Neuropharmacology</i> , 2019, 18, 51-64.	1.4	49
12	Pharmacological and Non-pharmacological Therapies of Cognitive Impairment in Multiple Sclerosis. <i>Current Neuropharmacology</i> , 2018, 16, 475-483.	1.4	43
13	Advances in Antioxidative Therapy of Multiple Sclerosis. <i>Current Medicinal Chemistry</i> , 2013, 20, 4720-4730.	1.2	43
14	Effects of the whole-body cryotherapy on a total antioxidative status and activities of some antioxidative enzymes in blood of patients with multiple sclerosis-preliminary study. <i>Journal of Medical Investigation</i> , 2010, 57, 168-173.	0.2	42
15	Effects of whole-body cryotherapy on a total antioxidative status and activities of antioxidative enzymes in blood of depressive multiple sclerosis patients. <i>World Journal of Biological Psychiatry</i> , 2011, 12, 223-227.	1.3	42
16	Flow cytometric analysis reveals the high levels of platelet activation parameters in circulation of multiple sclerosis patients. <i>Molecular and Cellular Biochemistry</i> , 2017, 430, 69-80.	1.4	39
17	The effects of whole-body cryotherapy on oxidative stress in multiple sclerosis patients. <i>Journal of Thermal Biology</i> , 2010, 35, 406-410.	1.1	35
18	miR-155 as an Important Regulator of Multiple Sclerosis Pathogenesis. A Review. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4332.	1.8	33

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19	Metformin as a Potential Agent in the Treatment of Multiple Sclerosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5957.	1.8	31
20	Melatonin redox activity. Its potential clinical applications in neurodegenerative disorders. <i>Current Topics in Medicinal Chemistry</i> , 2015, 15, 163-9.	1.0	29
21	Increase in Blood Levels of Growth Factors Involved in the Neuroplasticity Process by Using an Extremely Low Frequency Electromagnetic Field in Post-stroke Patients. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 294.	1.7	28
22	Evaluation of Selected MicroRNAs Expression in Remission Phase of Multiple Sclerosis and Their Potential Link to Cognition, Depression, and Disability. <i>Journal of Molecular Neuroscience</i> , 2017, 63, 275-282.	1.1	27
23	Benign Effect of Extremely Low-Frequency Electromagnetic Field on Brain Plasticity Assessed by Nitric Oxide Metabolism during Poststroke Rehabilitation. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-9.	1.9	27
24	Relationship between the Increased Haemostatic Properties of Blood Platelets and Oxidative Stress Level in Multiple Sclerosis Patients with the Secondary Progressive Stage. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-10.	1.9	26
25	Nutritional Supplements and Neuroprotective Diets and Their Potential Clinical Significance in Post-Stroke Rehabilitation. <i>Nutrients</i> , 2021, 13, 2704.	1.7	26
26	The increased level of COX-dependent arachidonic acid metabolism in blood platelets from secondary progressive multiple sclerosis patients. <i>Molecular and Cellular Biochemistry</i> , 2016, 420, 85-94.	1.4	25
27	Novel Advances to Post-Stroke Aphasia Pharmacology and Rehabilitation. <i>Journal of Clinical Medicine</i> , 2021, 10, 3778.	1.0	25
28	Poststroke Depression as a Factor Adversely Affecting the Level of Oxidative Damage to Plasma Proteins during a Brain Stroke. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-10.	1.9	24
29	The Impact of SARS-CoV-2 Infection on the Development of Neurodegeneration in Multiple Sclerosis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1804.	1.8	24
30	Cryostimulation for Post-exercise Recovery in Athletes: A Consensus and Position Paper. <i>Frontiers in Sports and Active Living</i> , 2021, 3, 688828.	0.9	24
31	The physiology of blood platelets and changes of their biological activities in multiple sclerosis. <i>Acta Neurobiologiae Experimentalis</i> , 2016, 76, 269-281.	0.4	22
32	Increased level of fibrinogen chains in the proteome of blood platelets in secondary progressive multiple sclerosis patients. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 3476-3482.	1.6	21
33	Muscle power, contraction velocity and functional performance after stroke. <i>Brain and Behavior</i> , 2019, 9, e01243.	1.0	19
34	Biomarkers of Angiogenesis and Neuroplasticity as Promising Clinical Tools for Stroke Recovery Evaluation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3949.	1.8	18
35	Benefits from Repetitive Transcranial Magnetic Stimulation in Post-Stroke Rehabilitation. <i>Journal of Clinical Medicine</i> , 2022, 11, 2149.	1.0	18
36	Modulation of antioxidant enzyme gene expression by extremely low frequency electromagnetic field in post-stroke patients. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2018, 78, 626-631.	0.6	17

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37	Markers of oxidative/nitrative damage of plasma proteins correlated with EDSS and BDI scores in patients with secondary progressive multiple sclerosis. <i>Redox Report</i> , 2017, 22, 547-555.	1.4	16
38	Effect of Rehabilitation with Extremely Low Frequency Electromagnetic Field on Molecular Mechanism of Apoptosis in Post-Stroke Patients. <i>Brain Sciences</i> , 2020, 10, 266.	1.1	16
39	The GPR17 Receptor—A Promising Goal for Therapy and a Potential Marker of the Neurodegenerative Process in Multiple Sclerosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1852.	1.8	16
40	Th17-Related Cytokines as Potential Discriminatory Markers between Neuromyelitis Optica (Devic's Disease) and Multiple Sclerosis. <i>Journal of Clinical Medicine</i> , 2020, 9, 3592.	1.8	16
41	Extremely low frequency electromagnetic field reduces oxidative stress during the rehabilitation of post-acute stroke patients. <i>Advances in Clinical and Experimental Medicine</i> , 2018, 27, 1285-1293.	0.6	15
42	New Strategies for Rehabilitation and Pharmacological Treatment of Fatigue Syndrome in Multiple Sclerosis. <i>Journal of Clinical Medicine</i> , 2020, 9, 3592.	1.0	14
43	Circulating miRNAs as Potential Biomarkers Distinguishing Relapsing-Remitting from Secondary Progressive Multiple Sclerosis. A Review. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11887.	1.8	13
44	The Role of Vitamin D in Stroke Prevention and the Effects of Its Supplementation for Post-Stroke Rehabilitation: A Narrative Review. <i>Nutrients</i> , 2022, 14, 2761.	1.7	13
45	Long-term effects of whole body cryostimulation on uric acid concentration in plasma of secondary progressive multiple sclerosis patients. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2013, 73, 635-640.	0.6	12
46	Potential of redox therapies in neurodegenerative disorders. <i>Frontiers in Bioscience - Elite</i> , 2017, 9, 214-234.	0.9	11
47	Increased Pro-Thrombotic Platelet Activity Associated with Thrombin/PAR1-Dependent Pathway Disorder in Patients with Secondary Progressive Multiple Sclerosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7722.	1.8	11
48	Strength of knee flexors of the paretic limb as an important determinant of functional status in post-stroke rehabilitation. <i>Neurologia i Neurochirurgia Polska</i> , 2017, 51, 227-233.	0.6	10
49	Association of miRNA and mRNA Levels of the Clinical Onset of Multiple Sclerosis Patients. <i>Biology</i> , 2021, 10, 554.	1.3	10
50	Unusual Bioactive Compounds with Antioxidant Properties in Adjuvant Therapy Supporting Cognition Impairment in Age-Related Neurodegenerative Disorders. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10707.	1.8	8
51	Neuroimaging Techniques as Potential Tools for Assessment of Angiogenesis and Neuroplasticity Processes after Stroke and Their Clinical Implications for Rehabilitation and Stroke Recovery Prognosis. <i>Journal of Clinical Medicine</i> , 2022, 11, 2473.	1.0	8
52	Oxidative Damage of Blood Platelets Correlates with the Degree of Psychophysical Disability in Secondary Progressive Multiple Sclerosis. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-12.	1.9	7
53	The effects of aerobic training on the functional status, quality of life, the level of fatigue and disability in patients with multiple sclerosis— a preliminary report. <i>Aktualnosci Neurologiczne</i> , 2017, 17, 15-22.	0.1	7
54	Burnout and Quality of Life Among Massage Therapists with Visual Impairment. <i>Journal of Occupational Rehabilitation</i> , 2019, 29, 384-394.	1.2	6

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55	Evaluation of the effects of extremely low frequency electromagnetic field on the levels of some inflammatory cytokines in post-stroke patients. <i>Journal of Rehabilitation Medicine</i> , 2019, 51, 854-860.	0.8	6
56	Single-Nucleotide Polymorphisms in Oxidative Stress-Related Genes and the Risk of a Stroke in a Polish Population – A Preliminary Study. <i>Brain Sciences</i> , 2021, 11, 391.	1.1	6
57	The Molecular Aspects of Disturbed Platelet Activation through ADP/P2Y12 Pathway in Multiple Sclerosis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6572.	1.8	6
58	The multipotent action of electromagnetic field. <i>Biologia (Poland)</i> , 2016, 71, 1103-1110.	0.8	5
59	Variation of genes encoding nitric oxide synthases and antioxidant enzymes as potential risks of multiple sclerosis development: a preliminary study. <i>Scientific Reports</i> , 2022, 12, .	1.6	5
60	Variation of Genes Encoding Tryptophan Catabolites Pathway Enzymes in Stroke. <i>Journal of Clinical Medicine</i> , 2019, 8, 2133.	1.0	4
61	The Role of Supplementation with Natural Compounds in Post-Stroke Patients. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7893.	1.8	4
62	Impact of Moderate Individually Tailored Physical Activity in Multiple Sclerosis Patients with Fatigue on Functional, Cognitive, Emotional State, and Postural Stability. <i>Brain Sciences</i> , 2021, 11, 1214.	1.1	4
63	Selected cognitive dysfunctions after brain stroke – clinical characteristics and diagnosis. <i>Aktualnosci Neurologiczne</i> , 2015, 15, 35-40.	0.1	4
64	Analysis of upper limb muscle strength in the early phase of brain stroke. <i>Acta of Bioengineering and Biomechanics</i> , 2017, 19, 85-91.	0.2	3
65	Pharmaceutical and Pharmacological Aspects of Modulation of Oxidative Stress 2020. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-2.	1.9	2
66	The Relationship between Cognitive Dysfunction and Postural Stability in Multiple Sclerosis. <i>Medicina (Lithuania)</i> , 2022, 58, 6.	0.8	2
67	Melatonin Redox Activity. Its Potential Clinical Application in Neurodegenerative Disorders. <i>Current Topics in Medicinal Chemistry</i> , 2014, , .	1.0	1
68	Cryostimulation as Adjunct Treatment in Psychiatric Disorders. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2015, , 575-591.	0.4	0
69	The course of early rehabilitation after brain stroke with acute coronary syndromes in the case of a patient with bilateral crural amputation. Case report. <i>Aktualnosci Neurologiczne</i> , 2015, 15, 99-102.	0.1	0
70	Rehabilitation after brain tumour removal in a two-year follow-up – a case report. <i>Aktualnosci Neurologiczne</i> , 2016, 16, 50-52.	0.1	0
71	Early rehabilitation after haemorrhagic stroke in a patient with a history of heart transplantation. A case study. <i>Aktualnosci Neurologiczne</i> , 2016, 16, 208-211.	0.1	0
72	Analysis of factors affecting the quality of life of patients with coxarthrosis. <i>Advances in Rehabilitation</i> , 2017, 31, 29-38.	0.2	0

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73	Melatonin Redox Activity. Its Potential Clinical application in Neurodegenerative Disorders. Current Topics in Medicinal Chemistry, 2014, , .	1.0	0
74	Force analysis of shoulder joint muscles in the early phase of brain stroke. Acta of Bioengineering and Biomechanics, 2018, 20, 107-113.	0.2	0