

# Yashar Sarbaz

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

284  
citations

1040056

9  
h-index

940533

16  
g-index

32  
all docs

32  
docs citations

32  
times ranked

247  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling the Parkinson's tremor and its treatments. Journal of Theoretical Biology, 2005, 236, 311-322.	1.7	68
2	A review of presented mathematical models in Parkinson's disease: black- and gray-box models. Medical and Biological Engineering and Computing, 2016, 54, 855-868.	2.8	25
3	Do the chaotic features of gait change in Parkinson's disease?. Journal of Theoretical Biology, 2012, 307, 160-167.	1.7	22
4	Classification of normal and abnormal lung sounds using neural network and support vector machines. , 2013, , .		22
5	Modeling the gait of normal and Parkinsonian persons for improving the diagnosis. Neuroscience Letters, 2012, 509, 72-75.	2.1	21
6	Huntington's disease: Modeling the gait disorder and proposing novel treatments. Journal of Theoretical Biology, 2008, 254, 361-367.	1.7	18
7	Automatic classification of schizophrenia patients using resting-state EEG signals. Physical and Engineering Sciences in Medicine, 2021, 44, 855-870.	2.4	16
8	GAIT SPECTRAL ANALYSIS: AN EASY FAST QUANTITATIVE METHOD FOR DIAGNOSING PARKINSON'S DISEASE. Journal of Mechanics in Medicine and Biology, 2012, 12, 1250041.	0.7	15
9	Future of the Renal Biopsy: Time to Change the Conventional Modality Using Nanotechnology. International Journal of Biomedical Imaging, 2017, 2017, 1-14.	3.9	14
10	A computational model for the Huntington disease. Medical Hypotheses, 2007, 68, 1154-1158.	1.5	10
11	SEPARATING PARKINSONIAN PATIENTS FROM NORMAL PERSONS USING HANDWRITING FEATURES. Journal of Mechanics in Medicine and Biology, 2013, 13, 1350030.	0.7	9
12	Pathophysiology of freezing of gait and some possible treatments for it. Medical Hypotheses, 2012, 78, 258-261.	1.5	7
13	SPECTRAL ANALYSIS OF GAIT DISORDERS IN HUNTINGTON'S DISEASE: A NEW HORIZON TO EARLY DIAGNOSIS. Journal of Mechanics in Medicine and Biology, 2014, 14, 1450001.	0.7	6
14	Introducing treatment strategy for cerebellar ataxia in mutant med mice: Combination of acetazolamide and 4-Aminopyridine. Computer Methods and Programs in Biomedicine, 2014, 113, 697-704.	4.7	5
15	INTRODUCING A DECISION SUPPORT SYSTEM FOR MULTIPLE SCLEROSIS BASED ON POSTURAL TREMOR: A HOPE FOR SEPARATION OF PEOPLE WHO MIGHT BE AFFECTED BY MULTIPLE SCLEROSIS IN THE FUTURE. Biomedical Engineering - Applications, Basis and Communications, 2017, 29, 1750046.	0.6	5
16	Proper Features Extraction from the Multiple Sclerosis Disease Postural Disorders for Decision Support System Definition. Applied Mechanics and Materials, 2014, 666, 230-234.	0.2	4
17	Power Spectral Density Analysis of Purkinje Cell Tonic and Burst Firing Patterns From a Rat Model of Ataxia and Riluzole Treated. Basic and Clinical Neuroscience, 2017, 8, 61-68.	0.6	4
18	Contribution of Somatic and Dendritic SK Channels in the Firing Rate of Deep Cerebellar Nuclei: Implication in Cerebellar Ataxia. Basic and Clinical Neuroscience, 2016, 7, 57-61.	0.6	3

#	ARTICLE	IF	CITATIONS
19	A Grey Box Neural Network Model of Basal Ganglia for Gait Signal of Patients with Huntington Disease. Basic and Clinical Neuroscience, 2016, 7, 107-14.	0.6	2
20	Optical plasmonic star-shaped nanoprobes for intracellular sensing and imaging. Optical and Quantum Electronics, 2021, 53, 1.	3.3	2
21	Using a parameter of black box model for gait as a criterion to differentiate between parkinson disease & healthy states. , 2010, , .		1
22	A Novel Clinical Gait Test Protocol for Separating Parkinsonian Patients from Normal Persons in Early Disease Stages. Journal of Medical Imaging and Health Informatics, 2013, 3, 7-11.	0.3	1
23	Analysis Spectrum of Normal and Ataxia Purkinje Cell Output and Classification Using Artificial Neural Network. Journal of Neuropsychiatry and Clinical Neurosciences, 2014, 26, E14-E14.	1.8	1
24	The effect of yoga practice on muscular strength improvement in patients with multiple sclerosis. International Journal of Therapy and Rehabilitation, 2020, 27, 1-10.	0.3	1
25	Exploring the nature of Parkinsonian rest tremor and the effects of common treatments on it: Stochastic process or chaotic behavior?. Biomedical Signal Processing and Control, 2020, 61, 102040.	5.7	1
26	Effects of Counting the Stride Numbers as A Secondary Task on Gait in People with Parkinsonâ€™s Disease: An Idea About the Cause of Dual Task Interference During Gait and A New Hope for Early Diagnosis. Basic and Clinical Neuroscience, 2019, 10, 269-279.	0.6	1
27	NUMBER OF SPIKES: A PROPER METRIC FOR PARALLEL FIBER PATTERNS RECOGNITION BY A PURKINJE CELL. Biomedical Engineering - Applications, Basis and Communications, 2016, 28, 1650033.	0.6	0
28	PRESENTING A NEW DECISION SUPPORT SYSTEM FOR SCREENING PARKINSONâ€™S DISEASE PATIENTS USING SYMLET WAVELET. Biomedical Engineering - Applications, Basis and Communications, 2019, 31, 1950026.	0.6	0
29	A new theory based on possible existence of timing control by intracellular photons in tonically active neurons. Medical Hypotheses, 2019, 129, 109248.	1.5	0
30	How perception of time differs under different situations: Different behaviors of the central nervous system as a complex dynamic system. Psychiatry and Clinical Neurosciences, 2020, 74, 86-87.	1.8	0