

# Shahriar Gharibzadeh

## List of Publications by Year in descending order

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155  
papers

1,124  
citations

430442

18  
h-index

525886

27  
g-index

155  
all docs

155  
docs citations

155  
times ranked

1306  
citing authors

#	ARTICLE	IF	CITATIONS
1	Silence: an ignored concept in artificial intelligence. <i>AI and Society</i> , 2024, 39, 415-416.	3.1	0
2	Correlations of frontal resting-state EEG markers with MMSE scores in patients with Alzheimer's disease. <i>Egyptian Journal of Neurology, Psychiatry and Neurosurgery</i> , 2022, 58, .	0.4	3
3	A Review of Methods of Diagnosis and Complexity Analysis of Alzheimer's Disease Using EEG Signals. <i>BioMed Research International</i> , 2021, 2021, 1-15.	0.9	17
4	Introducing a chaotic map with a wide range of long-term memory as a model of patch-clamped ion channels current time series. <i>Chaos, Solitons and Fractals</i> , 2019, 126, 361-368.	2.5	12
5	Is It Possible to Determine the Level of Spiritual Well-Being by Measuring Heart Rate Variability During the Reading of Heavenly Books?. <i>Applied Psychophysiology Biofeedback</i> , 2019, 44, 185-193.	1.0	5
6	Presenting a Neuron model of wind-up based on dynamic synapse. <i>Journal of Theoretical Biology</i> , 2019, 465, 45-50.	0.8	0
7	Nonlinear analysis of electroencephalogram signals while listening to the holy Quran. <i>Journal of Medical Signals and Sensors</i> , 2019, 9, 100.	0.5	9
8	The effect of network structure on desynchronization dynamics. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2018, 63, 271-279.	1.7	3
9	Coexistence of Stochastic Oscillations and Self-Organized Criticality in a Neuronal Network: Sandpile Model Application. <i>Neural Computation</i> , 2018, 30, 1132-1149.	1.3	5
10	A new look to coma from the viewpoint of nonlinear dynamics. <i>Nonlinear Dynamics</i> , 2018, 92, 2119-2131.	2.7	2
11	Bifurcation Theory Approach to Neuro-Developmental Language Impairment in Autistic Children. <i>The Malaysian Journal of Medical Sciences</i> , 2018, 25, 142-145.	0.3	0
12	The role of driver nodes in managing epileptic seizures: Application of Kuramoto model. <i>Journal of Theoretical Biology</i> , 2017, 419, 108-115.	0.8	11
13	Effect of Social Stimuli on Postural Responses in Individuals with Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2017, 47, 1305-1313.	1.7	10
14	Scale-freeness of dominant and piecemeal perceptions during binocular rivalry. <i>Cognitive Neurodynamics</i> , 2017, 11, 319-326.	2.3	6
15	Human Brain Function in Path Planning: a Task Study. <i>Cognitive Computation</i> , 2017, 9, 136-149.	3.6	4
16	Introducing a Time Efficient Model for Spatial Contrast Detection Based on Wavelet Transform, Suitable for Practical Applications. <i>Journal of Vision</i> , 2017, 17, 779.	0.1	0
17	Classification of Asthma Based on Nonlinear Analysis of Breathing Pattern. <i>PLoS ONE</i> , 2016, 11, e0147976.	1.1	48
18	The role of time in conflict-triggered control: Extending the theory of response-conflict monitoring. <i>Neuroscience Letters</i> , 2016, 618, 110-114.	1.0	2

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19	Identification of Chaos-Periodic Transitions, Band Merging, and Internal Crisis Using Wavelet-DFA Method. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2016, 26, 1650065.	0.7	3
20	Mesoscopic model of neuronal system deficits in Multiple Sclerosis. Journal of Theoretical Biology, 2016, 411, 6-15.	0.8	1
21	Brain-inspired self-organizing modular structure to control human-like movements based on primitive motion identification. Neurocomputing, 2016, 173, 1436-1442.	3.5	2
22	Artificial neural network-based modeling of brain response to flicker light. Nonlinear Dynamics, 2015, 81, 1951-1967.	2.7	53
23	Multisensory integration using dynamical Bayesian networks. Frontiers in Computational Neuroscience, 2015, 9, 58.	1.2	2
24	Biological Motion Perception Is Affected by Age and Cognitive Style in Children Aged 8â€“15. Neurology Research International, 2015, 2015, 1-6.	0.5	8
25	Evaluation of relationship between balance parameters and bone mineral density. , 2015, , .		1
26	Spirituality and brain waves. Journal of Medical Engineering and Technology, 2015, 39, 153-158.	0.8	13
27	Investigating the Effect of Thermal Stress on Nerve Action Potential Using the Soliton Model. Ultrasound in Medicine and Biology, 2015, 41, 1668-1680.	0.7	2
28	Empathizing and systemizing skills influence risky decision making in children. Learning and Individual Differences, 2015, 40, 22-26.	1.5	2
29	Authentic modeling of complex dynamics of biological systems by the manipulation of artificial intelligence. , 2015, , .		1
30	Computer-based working memory training in children with mild intellectual disability. Early Child Development and Care, 2015, 185, 66-74.	0.7	13
31	Is $\tilde{C}_{\tilde{A},\tilde{A}}$ capacitive coupling $\tilde{A},\tilde{A}$ purely excitatory in the cardiac tissue?. Frontiers in Physiology, 2014, 5, 77.	1.3	1
32	Bifurcation analysis of $\tilde{C}_{\tilde{A},\tilde{A}}$ synchronization fluctuation $\tilde{A},\tilde{A}$ a diagnostic measure of brain epileptic states. Frontiers in Computational Neuroscience, 2014, 8, 11.	1.2	1
33	A more realistic quantum mechanical model of conscious perception during binocular rivalry. Frontiers in Computational Neuroscience, 2014, 8, 15.	1.2	2
34	Synchrony analysis: application in early diagnosis, staging and prognosis of multiple sclerosis. Frontiers in Computational Neuroscience, 2014, 8, 73.	1.2	2
35	The hypothetical cost-conflict monitor: is it a possible trigger for conflict-driven control mechanisms in the human brain?. Frontiers in Computational Neuroscience, 2014, 8, 77.	1.2	2
36	Novel insight into modeling of brain response to flicker light. , 2014, , .		0

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37	Are Chaotic Models of EEG Signals Useful in Diagnosing Attention-Deficit/Hyperactivity Disorder?. <i>Clinical EEG and Neuroscience</i> , 2014, 45, 57-58.	0.9	1
38	Pragmatic modeling of chaotic dynamical systems through artificial neural network. , 2014, , .		1
39	Modeling studies for designing transcranial direct current stimulation protocol in Alzheimer's disease. <i>Frontiers in Computational Neuroscience</i> , 2014, 8, 72.	1.2	7
40	The Correlation between Osteoporosis Occurrences in Both Schizophrenia and Parkinson's Disease. <i>Frontiers in Neurology</i> , 2014, 5, 83.	1.1	5
41	A two level real-time path planning method inspired by cognitive map and predictive optimization in human brain. <i>Applied Soft Computing Journal</i> , 2014, 21, 352-364.	4.1	5
42	Common cold outbreaks: A network theory approach. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2014, 19, 3994-4002.	1.7	0
43	Computer aided measurement of melanoma depth of invasion in microscopic images. <i>Micron</i> , 2014, 61, 40-48.	1.1	19
44	Reinforcement-conflict based control: An integrative model of error detection in anterior cingulate cortex. <i>Neurocomputing</i> , 2014, 123, 140-149.	3.5	5
45	Artificial neural networks: powerful tools for modeling chaotic behavior in the nervous system. <i>Frontiers in Computational Neuroscience</i> , 2014, 8, 40.	1.2	34
46	Compensation of downbeat nystagmus with a modular controller. , 2014, , .		0
47	Detection of airway partitioning following unilateral nasal stimulations by the forced oscillation technique in rats. <i>Acta Medica Iranica</i> , 2014, 52, 623-30.	0.8	1
48	A fast model of voltage-dependent NMDA receptors. <i>Journal of Computational Neuroscience</i> , 2013, 34, 521-531.	0.6	19
49	Unmitigated numerical solution to the diffraction term in the parabolic nonlinear ultrasound wave equation. <i>Journal of the Acoustical Society of America</i> , 2013, 134, 1775-1790.	0.5	11
50	Modeling error detection in human brain: A preliminary unification of reinforcement learning and conflict monitoring theories. <i>Neurocomputing</i> , 2013, 103, 1-13.	3.5	7
51	Nonlinear model for estimating respiratory volume based on thoracoabdominal breathing movements. <i>Respirology</i> , 2013, 18, 108-116.	1.3	22
52	Postural sway patterns in children with autism spectrum disorder compared with typically developing children. <i>Research in Autism Spectrum Disorders</i> , 2013, 7, 325-332.	0.8	54
53	Improving motor functions in children with Down syndrome. <i>Medical Hypotheses</i> , 2013, 81, 746.	0.8	0
54	Brain-inspired modular controller with fuzzy module selection. , 2013, , .		0

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55	A Novel Viewpoint on Parameter Estimation in a Chaotic Neuron Model. Journal of Neuropsychiatry and Clinical Neurosciences, 2013, 25, E19-E19.	0.9	9
56	How Does Tonic Dopamine Level Affect Decision-Making in Dual Tasks in Parkinson's Disease?. Journal of Neuropsychiatry and Clinical Neurosciences, 2013, 25, E65-E65.	0.9	1
57	The "Brother's Arm": Alien Hand Syndrome After Right Posterior Parietal Lesion. Journal of Neuropsychiatry and Clinical Neurosciences, 2013, 25, E02-E02.	0.9	11
58	Drug Delivery Using Nano-Pore Zeolites and Ultrasound. Journal of Neuropsychiatry and Clinical Neurosciences, 2013, 25, E20-E20.	0.9	6
59	Using Natural Zeolite as a Transporter of Dopamine. Journal of Neuropsychiatry and Clinical Neurosciences, 2013, 25, E21-E21.	0.9	3
60	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.	0.2	1
61	The Effect of Visual and Cerebellar Exercises on Dyslexia. Journal of Neuropsychiatry and Clinical Neurosciences, 2013, 25, E31-E31.	0.9	2
62	Increasing Performance in Children With ADHD By Trapping Lead With a Nano-Zeolite. Journal of Neuropsychiatry and Clinical Neurosciences, 2013, 25, E23-E23.	0.9	7
63	Brain Activity Preceded Awareness in Libet's Experiment Is Probably Related to Unconscious Inhibition. Journal of Neuropsychiatry and Clinical Neurosciences, 2013, 25, E34-E34.	0.9	0
64	Application of the Fuzzy Logic Concept in the Multiple Sclerosis Functional Composite for Scoring the Progress of Multiple Sclerosis. Journal of Neuropsychiatry and Clinical Neurosciences, 2013, 25, E45-E45.	0.9	1
65	A biologically inspired neural model for visual and proprioceptive integration including sensory training. Journal of Integrative Neuroscience, 2013, 12, 491-511.	0.8	2
66	Removing Cadmium by Nano-Pore Zeolites to Decrease Aggressive Behavior, Stress, and Hyperactivity. Journal of Neuropsychiatry and Clinical Neurosciences, 2013, 25, E73-E73.	0.9	0
67	Is Attention Deficit Hyperactivity Disorder a Kind of Intermittent Chaos?. Journal of Neuropsychiatry and Clinical Neurosciences, 2013, 25, E02-E02.	0.9	12
68	Does the Immune System Act as a Self-Organized System in Multiple Sclerosis?. Journal of Neuropsychiatry and Clinical Neurosciences, 2013, 25, E64-E64.	0.9	0
69	Is Attention a "Period Window" in the Chaotic Brain?. Journal of Neuropsychiatry and Clinical Neurosciences, 2013, 25, E05-E05.	0.9	17
70	Extracting and study of synchronous muscle synergies during fast arm reaching movements. , 2013, , .		5
71	Using Brain Network Graph Modeling to Explore the Cause of Non-Motor Symptoms in Parkinson's Disease. Journal of Neuropsychiatry and Clinical Neurosciences, 2013, 25, E60-E60.	0.9	0
72	What is the mathematical description of the treated mood pattern in bipolar disorder?. Frontiers in Computational Neuroscience, 2013, 7, 106.	1.2	5

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73	Is there any geometrical information in the nervous system?. <i>Frontiers in Computational Neuroscience</i> , 2013, 7, 121.	1.2	7
74	Can cellular automata be a representative model for visual perception dynamics?. <i>Frontiers in Computational Neuroscience</i> , 2013, 7, 130.	1.2	7
75	Relationship between Bone Mineral Density and Balance Disorders in Osteoporotic Patients. <i>Frontiers in Bioengineering and Biotechnology</i> , 2013, 1, 5.	2.0	5
76	Relationship among Bone Mineral Density Reduction, Hearing Loss, and Balance Disorders in Osteoporotic Patients. <i>Frontiers in Bioengineering and Biotechnology</i> , 2013, 1, 17.	2.0	5
77	Managing Epileptic Seizures by Controlling the Brain Driver Nodes: A Complex Network View. <i>Frontiers in Bioengineering and Biotechnology</i> , 2013, 1, 21.	2.0	2
78	Quantifying Memory in Complex Physiological Time-Series. <i>PLoS ONE</i> , 2013, 8, e72854.	1.1	26
79	Are speech attractor models useful in diagnosing vocal fold pathologies?. <i>Journal of Medical Signals and Sensors</i> , 2013, 3, 185-6.	0.5	0
80	Do Nano-Pore Zeolites Improve Damaged Bloodâ€“Brain Barrier Operation?. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2012, 24, E55-E55.	0.9	1
81	Introducing a New Method for Early Diagnosis of Parkinsonâ€™s Disease. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2012, 24, E10-E10.	0.9	0
82	Proposing a New Management for Freezing of Gait in Parkinsonâ€™s Disease. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2012, 24, E48-E48.	0.9	0
83	Mental Practice: A Psychotherapy to Improve Action-Selection in Obsessive-Compulsive Disorder. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2012, 24, E25-E25.	0.9	0
84	Environment Multiple-Layer Map, Inspired From Hippocampal Function. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2012, 24, E1-E1.	0.9	2
85	Is AlPO <sub>4</sub> -5 Nano-Zeolite Effective for Preventing Alzheimerâ€™s Disease in Humans?. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2012, 24, E44-E44.	0.9	1
86	Virtual Reality and Down Syndrome Rehabilitation. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2012, 24, E7-E7.	0.9	4
87	Some remarks on chaotic systems. <i>International Journal of General Systems</i> , 2012, 41, 329-330.	1.2	24
88	A NEURO-FUZZY BASED MODEL FOR ACCURATE ESTIMATION OF THE LYAPUNOV EXPONENTS OF AN UNKNOWN DYNAMICAL SYSTEM. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2012, 22, 1250043.	0.7	8
89	The effect of proprioceptive training on multisensory perception under visual uncertainty. <i>Journal of Integrative Neuroscience</i> , 2012, 11, 401-415.	0.8	4
90	A novel neural-based model for acoustic-articulatory inversion mapping. <i>Neural Computing and Applications</i> , 2012, 21, 935-943.	3.2	5

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91	Pathophysiology of freezing of gait and some possible treatments for it. <i>Medical Hypotheses</i> , 2012, 78, 258-261.	0.8	7
92	Modeling the gait of normal and Parkinsonian persons for improving the diagnosis. <i>Neuroscience Letters</i> , 2012, 509, 72-75.	1.0	21
93	The role of passive normalization, voltage-gated channels and synaptic scaling in site-independence of somatic EPSP amplitude in CA1 pyramidal neurons. <i>Neuroscience Research</i> , 2012, 73, 8-16.	1.0	3
94	GAIT SPECTRAL ANALYSIS: AN EASY FAST QUANTITATIVE METHOD FOR DIAGNOSING PARKINSON'S DISEASE. <i>Journal of Mechanics in Medicine and Biology</i> , 2012, 12, 1250041.	0.3	15
95	Designing a Decision Support System for Distinguishing ADHD from Similar Children Behavioral Disorders. <i>Journal of Medical Systems</i> , 2012, 36, 1335-1343.	2.2	12
96	Artificial Intelligence Models for Predicting Iron Deficiency Anemia and Iron Serum Level Based on Accessible Laboratory Data. <i>Journal of Medical Systems</i> , 2012, 36, 2057-2061.	2.2	42
97	Do the chaotic features of gait change in Parkinson's disease?. <i>Journal of Theoretical Biology</i> , 2012, 307, 160-167.	0.8	22
98	Automatic classification of hyperactive children: Comparing multiple artificial intelligence approaches. <i>Neuroscience Letters</i> , 2011, 498, 190-193.	1.0	4
99	Is the Functional State of Schizophrenic Patients Located in the Vicinity of a Bifurcation Point?. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2011, 23, E11-E11.	0.9	2
100	Feature-Selection Based Cognitive Control. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2011, 23, E35-E35.	0.9	0
101	Toward a Unifying Hypothesis for Schizophrenia and Autism Visual Fragmentation. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2011, 23, E25-E25.	0.9	0
102	A Novel Method for Diagnosing Cirrhosis in Patients with Chronic Hepatitis B: Artificial Neural Network Approach. <i>Journal of Medical Systems</i> , 2011, 35, 121-126.	2.2	27
103	Predicting Arterial Blood Gas Values from Venous Samples in Patients with Acute Exacerbation Chronic Obstructive Pulmonary Disease Using Artificial Neural Network. <i>Journal of Medical Systems</i> , 2011, 35, 483-488.	2.2	25
104	A Parameter Selection for Differentiating Between Healthy and Parkinsonian Gait Through Modeling Parkinson's Disease From a Chaotic Viewpoint. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2011, 23, E22-E22.	0.9	0
105	Improving Phonological Dyslexia Using Electrical Stimulation in the Articulatory System. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2010, 22, 352.e2-352.e2.	0.9	1
106	A Chaotic Viewpoint on DBS Treatment of Parkinson's Disease. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2010, 22, 247.e12-247.e13.	0.9	0
107	Microarray image enhancement by denoising using decimated and undecimated multiwavelet transforms. <i>Signal, Image and Video Processing</i> , 2010, 4, 177-185.	1.7	22
108	PREDICTING THE COMBINED EFFECT OF <i>ZATARIA MULTIFLORA</i> ESSENTIAL OIL, PH AND TEMPERATURE ON THE GROWTH OF <i>STAPHYLOCOCCUS AUREUS</i> USING ARTIFICIAL NEURAL NETWORKS. <i>Journal of Food Safety</i> , 2010, 30, 318-329.	1.1	6

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109	APPLICATION OF ARTIFICIAL NEURAL NETWORKS TO PREDICT <i>CLOSTRIDIUM BOTULINUM</i> GROWTH AS A FUNCTION OF <i>ZATARIA MULTIFLORA</i> ESSENTIAL OIL, pH, NaCl AND TEMPERATURE. <i>Journal of Food Safety</i> , 2010, 30, 490-505.	1.1	14
110	Could <i>Helicobacter pylori</i> play an important role in axonal type of Guillain-Barré Syndrome pathogenesis?. <i>Clinical Neurology and Neurosurgery</i> , 2010, 112, 193-198.	0.6	16
111	Using a parameter of black box model for gait as a criterion to differentiate between parkinson disease & healthy states. , 2010, , .		1
112	Is the Chaotic Nature of Parkinson's Disease Prone to Simulation?. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2009, 21, 101-102.	0.9	0
113	Designing a Novel Double-J Stent to Facilitate the Expulsion of Urinary Stones. <i>Urologia Internationalis</i> , 2009, 82, 484-484.	0.6	0
114	Modeling schizophrenic-like neuronal patterns using nonlinear delayed differential equations. <i>Computers in Biology and Medicine</i> , 2009, 39, 1058-1062.	3.9	2
115	$\hat{\rho}^2$ Oscillations as the Cause of Both Hyper- and Hypokinetic Symptoms of Movement Disorders. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2009, 21, 352-352.	0.9	3
116	Organizational Role of Retina Horizontal Cells. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2009, 21, 479-480.	0.9	3
117	Two Novel Comments on the Treatment of Huntington's Disease. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2009, 21, 98-99.	0.9	0
118	Global Versus Local Perspectives on Schizophrenia. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2009, 21, 231-231.	0.9	1
119	Hippocampus as an Independent Component Analyzer. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2009, 21, 235-236.	0.9	0
120	Does a Kind of Over-Fitting Occur in the Brain of Autistic Patients?. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2009, 21, 343-343.	0.9	5
121	Parkinson's Disease: Presenting a Gray Box Model. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2009, 21, 470-471.	0.9	0
122	Modeling Huntington's Disease Considering the Theory of Central Pattern Generators (CPG). <i>Advances in Intelligent and Soft Computing</i> , 2009, , 11-19.	0.2	1
123	Huntington's disease: Modeling the gait disorder and proposing novel treatments. <i>Journal of Theoretical Biology</i> , 2008, 254, 361-367.	0.8	18
124	Are rigidity and tremor two sides of the same coin in Parkinson's disease?. <i>Computers in Biology and Medicine</i> , 2008, 38, 1133-1139.	3.9	13
125	Saccadic and smooth pursuit eye movements: Computational modeling of a common inhibitory mechanism in brainstem. <i>Neuroscience Letters</i> , 2008, 448, 84-89.	1.0	8
126	Arsenic Exposure May Be a Risk Factor for Alzheimer's Disease. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2008, 20, 501-501.	0.9	38

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127	Potential Drugs for Improving Chronic Fatigue Syndrome. Journal of Neuropsychiatry and Clinical Neurosciences, 2007, 19, 472-472.	0.9	1
128	A Novel View on the Pharmacodynamics of Rosiglitazone and Introducing Some Potential Drugs in Ameliorating Alzheimer's Disease. Journal of Neuropsychiatry and Clinical Neurosciences, 2007, 19, 349-349.	0.9	0
129	Is the Migraine Headache Ameliorated by Enhancing Chloride Current?. Journal of Neuropsychiatry and Clinical Neurosciences, 2007, 19, 340-341.	0.9	0
130	Acute Hypertensive Crisis May Be a Risk Factor for Alzheimer's Disease Induction and Progression. Journal of Neuropsychiatry and Clinical Neurosciences, 2007, 19, 483-484.	0.9	1
131	A computational model for the Huntington disease. Medical Hypotheses, 2007, 68, 1154-1158.	0.8	10
132	Could dynamic attractors explain associative prosopagnosia?. Medical Hypotheses, 2007, 68, 1399-1405.	0.8	2
133	Path planning in the hippocampo-prefrontal cortex pathway: An adaptive model based receding horizon planner. Medical Hypotheses, 2007, 68, 1411-1415.	0.8	20
134	Chronic dehydration may be a preventable risk factors for Alzheimer's disease. Medical Hypotheses, 2007, 68, 718.	0.8	4
135	Oltipraz may be useful in the prevention or treatment of Alzheimer's disease. Medical Hypotheses, 2007, 68, 915-916.	0.8	2
136	Squeezing the glans penis: A possible maneuver for improving the defecation process and preventing constipation. Medical Hypotheses, 2007, 68, 925-926.	0.8	1
137	Could Parkinson's disease be diagnosed at an early stage by measuring rest tremor under stressed conditions?. Medical Hypotheses, 2007, 68, 927.	0.8	0
138	Some new psychological side effects due to anti-androgenic properties of cyproterone compound. Medical Hypotheses, 2007, 68, 1422-1423.	0.8	0
139	A Model of Wind-up based on Short-term and Long-term Synaptic Plasticity Mechanisms. Neural Networks (IJCNN), International Joint Conference on, 2007, , .	0.0	2
140	Modeling force-velocity relation in skeletal muscle isotonic contraction using an artificial neural network. BioSystems, 2007, 90, 529-534.	0.9	13
141	Modeling the primary auditory cortex using dynamic synapses: Can synaptic plasticity explain the temporal tuning?. Journal of Theoretical Biology, 2007, 248, 1-9.	0.8	4
142	High-pressure hydrocephalus: A novel analytical modeling approach. Journal of Theoretical Biology, 2007, 248, 401-410.	0.8	7
143	PSpice Simulation of Cardiac Impulse Propagation: studying the mechanisms of action potential propagation. , 2006, , .		0
144	Sprouting phenomenon, a new model for the role of A- $\beta$ fibers in wind up. Medical Hypotheses, 2006, 66, 805-807.	0.8	5

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145	Is there any relation between moldy building exposure and chronic fatigue syndrome?. Medical Hypotheses, 2006, 66, 1243-1244.	0.8	4
146	The potential role of nitric oxide metabolites in diagnosing chronic fatigue syndrome. Medical Hypotheses, 2006, 67, 197-198.	0.8	1
147	Anakinra: A potential treatment for chronic fatigue syndrome. Medical Hypotheses, 2006, 67, 196-197.	0.8	0
148	A cybernetic view on wind-up. Medical Hypotheses, 2006, 67, 304-306.	0.8	10
149	Dynamic behavior of gap junctions in each cardiac cycle: A novel view on the electrical coupling of normal cardiocytes. Medical Hypotheses, 2006, 67, 300-303.	0.8	1
150	The chaotic nature of temper in humans: A long short-term memory recurrent neural network model. Medical Hypotheses, 2006, 67, 658-661.	0.8	3
151	Black tea extract and its major polyphenolic pigment may ameliorate the gastrointestinal disorder in irritable bowel syndrome. Medical Hypotheses, 2006, 67, 419.	0.8	3
152	The safety role of gap junctions: A new perspective on atrio-ventricular nodal reentry. Medical Hypotheses, 2006, 67, 1253-1254.	0.8	0
153	Adjustable primitive pattern generator: A novel cerebellar model for reaching movements. Neuroscience Letters, 2006, 406, 232-234.	1.0	5
154	Computational Modeling of AÅŸ Fiber Wind-up. , 2006, 2006, 4975-8.		5
155	Modeling the Parkinson's tremor and its treatments. Journal of Theoretical Biology, 2005, 236, 311-322.	0.8	68