

# Mahmut Ozer

## List of Publications by Year in descending order

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43  
papers

1,027  
citations

567144

15  
h-index

434063

31  
g-index

43  
all docs

43  
docs citations

43  
times ranked

549  
citing authors

#	ARTICLE	IF	CITATIONS
1	Autapse-induced multiple coherence resonance in single neurons and neuronal networks. Scientific Reports, 2016, 6, 30914.	1.6	162
2	Controlling the spontaneous spiking regularity via channel blocking on Newman-Watts networks of Hodgkin-Huxley neurons. Europhysics Letters, 2009, 86, 40008.	0.7	113
3	Enhancement of pacemaker induced stochastic resonance by an autapse in a scale-free neuronal network. Science China Technological Sciences, 2016, 59, 364-370.	2.0	91
4	Spike latency and jitter of neuronal membrane patches with stochastic Hodgkin-Huxley channels. Journal of Theoretical Biology, 2009, 261, 83-92.	0.8	68
5	Weak signal propagation through noisy feedforward neuronal networks. NeuroReport, 2010, 21, 338-343.	0.6	68
6	Investigating the performance improvement of HRV Indices in CHF using feature selection methods based on backward elimination and statistical significance. Computers in Biology and Medicine, 2014, 45, 72-79.	3.9	67
7	Delayed feedback and detection of weak periodic signals in a stochastic Hodgkin-Huxley neuron. Physica A: Statistical Mechanics and Its Applications, 2015, 421, 455-462.	1.2	57
8	Double inverse stochastic resonance with dynamic synapses. Physical Review E, 2017, 95, 012404.	0.8	48
9	Chimera states in networks of type-I Morris-Lecar neurons. Physical Review E, 2018, 98, .	0.8	45
10	Comparison of the Effects of Cross-validation Methods on Determining Performances of Classifiers Used in Diagnosing Congestive Heart Failure. Measurement Science Review, 2015, 15, 196-201.	0.6	38
11	Can scale-freeness offset delayed signal detection in neuronal networks?. Europhysics Letters, 2014, 105, 60002.	0.7	36
12	Noise-delayed decay in the response of a scale-free neuronal network. Chaos, Solitons and Fractals, 2013, 56, 202-208.	2.5	29
13	The Contribution of the Strengthened Capacity of Vocational Education and Training System in Turkey to the Fight against Covid-19. YÃ¼ksekÃ¶ğretim Dergisi, 2020, 10, 134-140.	0.0	29
14	Effects of autapse and ion channel block on the collective firing activity of Newman-Watts small-world neuronal networks. Physica A: Statistical Mechanics and Its Applications, 2017, 486, 386-396.	1.2	22
15	TÃ¼rkiye'de Mesleki Eğitimde Paradigma Değişimi. Gazi University Journal of Gazi Education Faculty, 2020, 40, 357-384.	0.0	22
16	Science High School Students' Socioeconomic Background and Their Preferences Regarding Their Transition into Higher Education. YÃ¼ksekÃ¶ğretim Dergisi, 2021, 10, 356-370.	0.0	19
17	Impact of synaptic noise and conductance state on spontaneous cortical firing. NeuroReport, 2007, 18, 1371-1374.	0.6	12
18	The Impact COVID-19 School Closures on Educational Inequalities. Journal of Humanity and Society (insan & Toplum), 2020, 10, 217-246.	0.0	12

#	ARTICLE	IF	CITATIONS
19	A new methodology to define the equilibrium value function in the kinetics of (in)activation gates. NeuroReport, 2003, 14, 1071-1073.	0.6	10
20	Early prediction of Paroxysmal Atrial Fibrillation using frequency domain measures of heart rate variability. , 2016, , .		10
21	A comparative tool for the validity of rate kinetics in ion channels by Onsager reciprocity theorem. Journal of Theoretical Biology, 2005, 233, 237-243.	0.8	9
22	School-Based Improvement in VET: â€œThe 1,000 Schools in Vocational Education and Training Projectâ€. BartÄ±n Âœniversitesi EÄŸitim FakÄ±ltesi Dergisi, 2022, 11, 268-279.	0.1	9
23	A computer software for simulating single-compartmental model of neurons. Computer Methods and Programs in Biomedicine, 2004, 75, 51-57.	2.6	7
24	A new approach to define dynamics of the ion channel gates. NeuroReport, 2004, 15, 335-338.	0.6	7
25	The New Steps Taken for Improvement of Vocational Education and Training in Turkey. Uluslararası TÄ±rk EÄŸitim Bilimleri Dergisi, 2021, 2021, 1-16.	0.1	7
26	The Achievement Gap between Schools and Relationship between Achievement and Socioeconomic Status in Turkey. Journal of Measurement and Evaluation in Education and Psychology, 2021, 12, 54-70.	0.0	6
27	The Relationship of Preschool Attendance with Academic Achievement and Socioeconomic Status in Turkey. Journal of Measurement and Evaluation in Education and Psychology, 2022, 13, 54-68.	0.0	4
28	Impact of The Ion Channel Blockage on the Collective Spiking Regularity of a Scale-Free Neuronal Network. Procedia Technology, 2012, 1, 199-204.	1.1	3
29	Impact of Social Networks on the Labor Market Inequalities and School-to-Work Transitions. YÄ±ksekÄŸretim Dergisi, 2021, 11, 38-50.	0.0	3
30	Activation kinetics of T-type calcium channel by a path probability approximation. NeuroReport, 2004, 15, 1451-1455.	0.6	2
31	An improved non-linear thermodynamic model of voltage-dependent ionic currents. NeuroReport, 2004, 15, 1953-1957.	0.6	2
32	TÄ±rkiyeâ€™de Ä–zel Yeteneklilere Yetenek GeliÄŸtirme DesteÄŸinde Bilim ve Sanat Merkezleri: Mevcut Durum ve Ä–yileÄŸtirme AlanlarÄ±. OPUS Uluslararası Toplum AraÄŸtÄ±rmalarÄ± Dergisi, 2021, 17, 727-749.	0.3	2
33	Okuldan Ä–Ÿe GeÄŸiÄŸ SorunlarÄ±nda Bireyselci ve YapÄ±salcÄ± YaklaÄŸÄ±m ÄŸatÄ±ÄŸmasÄ±. BartÄ±n Ä±niversitesi İktisadi Ve İdari Bilimler FakÄ±ltesi Dergisi, 2020, 11, 330-345.	0.5	2
34	The effect of channel blocking on first spike timing. , 2015, , .		1
35	Effects of autapse and channel blockage on firing regularity in a biological neuronal network. , 2016, , .		1
36	OKUL Ä–NCESÄ° EÄŸÄ°TÄ°MÄ°N EÄŸÄ°TSÄ°ZLÄ°KLERÄ° AZALTMADAKÄ° ROLÄ± ve TÄœRKÄ°YEÄ™DE GELÄ°ÄŸÄ°MÄ°. NevÅŸehir Hacı Âœniversitesi SBE Dergisi, 0, , .	0.1	1

#	ARTICLE	IF	CITATIONS
37	The Turkish National Remedial Program (TNRP) to Combat the Negative Effects of the Covid-19 Pandemic. Kastamonu EÄŸitim Dergisi, 0, , .	0.1	1
38	A Promising Opportunity for the Integration of Syrian Refugees in Turkey: New Targets in Accessing the Labor Market through Vocational Education and Training. BartÄ±n Ä¼niversitesi İktisadi Ve İdari Bilimler FakÄ¼ltesi Dergisi, 0, , .	0.5	1
39	How compatible is the Supply of Vocational Education and Training Graduates with Labor Market Demand in Turkey?. Gazi University Journal of Gazi Education Faculty, 2021, 41, 1023-1050.	0.0	1
40	Relaxation phenomena in the (in)activation gates of the voltage-gated ion channels. AIP Conference Proceedings, 2004, , .	0.3	0
41	Effects of channel blocking on the spontaneous firing regularity of scale-free Hodgkin-Huxley neuronal network. , 2011, , .		0
42	Variation of the Spiking Dynamics of a Hodgkin-Huxley Neuron with an Electrical Autaptic Connection Under Ion Channel Blocking. , 2019, , 115-118.		0
43	Early Prediction of Paroxysmal Atrial Fibrillation using Wavelet Transform Methods. , 2019, , 111-114.		0