

Metin Akay

List of Publications by Year in descending order

Source: [//exaly.com/author-pdf/3826566/publications.pdf](https://exaly.com/author-pdf/3826566/publications.pdf)

Version: 2024-02-01

157
papers

1,748
citations

328504

20
h-index

336716

35
g-index

166
all docs

166
docs citations

166
times ranked

2249
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineering a Brain Cancer Chip for High-throughput Drug Screening. Scientific Reports, 2016, 6, 25062.	3.4	165
2	A Novel Approach to Monitor Rehabilitation Outcomes in Stroke Survivors Using Wearable Technology. Proceedings of the IEEE, 2010, 98, 450-461.	26.3	143
3	Wavelets in biomedical engineering. Annals of Biomedical Engineering, 1995, 23, 531-542.	2.5	94
4	Drug Screening of Human GBM Spheroids in Brain Cancer Chip. Scientific Reports, 2018, 8, 15423.	3.4	54
5	Open Access Dataset, Toolbox and Benchmark Processing Results of High-Density Surface Electromyogram Recordings. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2021, 29, 1035-1046.	5.0	53
6	NF- κ B inhibitor with Temozolomide results in significant apoptosis in glioblastoma via the NF- κ B(p65) and actin cytoskeleton regulatory pathways. Scientific Reports, 2020, 10, 13352.	3.4	50
7	Multichannel Intraneural and Intramuscular Techniques for Multiunit Recording and Use in Active Prostheses. Proceedings of the IEEE, 2010, 98, 432-449.	26.3	47
8	Deep Learning Classification of Systemic Sclerosis Skin Using the MobileNetV2 Model. IEEE Open Journal of Engineering in Medicine and Biology, 2021, 2, 104-110.	2.5	44
9	Dynamics of Diastolic Sounds Caused by Partially Occluded Coronary Arteries. IEEE Transactions on Biomedical Engineering, 2009, 56, 513-517.	4.3	42
10	Implantable Microimaging Device for Observing Brain Activities of Rodents. Proceedings of the IEEE, 2017, 105, 158-166.	26.3	39
11	Neuromuscular Password-Based User Authentication. IEEE Transactions on Industrial Informatics, 2021, 17, 2641-2652.	12.0	34
12	Time-frequency analysis of the electrocortical activity during maturation using wavelet transform. Biological Cybernetics, 1994, 71, 169-176.	1.3	33
13	Cancelable HD-sEMG-Based Biometrics for Cross-Application Discrepant Personal Identification. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 1070-1079.	6.8	32
14	Reduced respiratory-related evoked activity in subjects with obstructive sleep apnea syndrome. Journal of Applied Physiology, 2003, 94, 429-438.	2.7	28
15	Investigating Glioblastoma Angiogenesis Using A 3D in Vitro GelMA Microwell Platform. IEEE Transactions on Nanobioscience, 2016, 15, 289-293.	3.9	26
16	Spectral Analysis of Heart Sounds Associated With Coronary Occlusions. , 2007, , .		25
17	Recommendation to Use Wearable-Based mHealth in Closed-Loop Management of Acute Cardiovascular Disease Patients During the COVID-19 Pandemic. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 903-908.	6.8	25
18	Contribution of supraglottal mechanoreceptor afferents to respiratory-related evoked potentials in humans. Journal of Applied Physiology, 2000, 88, 291-299.	2.7	24

#	ARTICLE	IF	CITATIONS
19	A comparison of analytical methods for the study of fractional brownian motion. <i>Annals of Biomedical Engineering</i> , 1996, 24, 537-543.	2.5	23
20	Investigating the Contamination of Electroencephalograms by Facial Muscle Electromyographic Activity Using Matching Pursuit. <i>Brain and Language</i> , 1999, 66, 184-200.	1.7	21
21	Effects of hypoxia on the complexity of respiratory patterns during maturation. <i>Early Human Development</i> , 2002, 70, 55-71.	1.8	21
22	Investigating the complexity of respiratory patterns during the laryngeal chemoreflex. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2008, 5, 17.	4.7	21
23	Investigating the complexity of respiratory patterns during recovery from severe hypoxia. <i>Journal of Neural Engineering</i> , 2004, 1, 16-20.	3.5	19
24	Investigating the influence of perinatal nicotine and alcohol exposure on the genetic profiles of dopaminergic neurons in the VTA using miRNA-mRNA analysis. <i>Scientific Reports</i> , 2020, 10, 15016.	3.4	19
25	Fuzzy sets in life sciences. <i>Fuzzy Sets and Systems</i> , 1997, 90, 219-224.	3.0	18
26	Non-Calcified Coronary Atherosclerotic Plaque Characterization by Dual Energy Computed Tomography. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2014, 18, 939-945.	6.8	17
27	Healthcare Innovations to Address the Challenges of the COVID-19 Pandemic. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2022, 26, 3294-3302.	6.8	17
28	Investigating the genetic profile of dopaminergic neurons in the VTA in response to perinatal nicotine exposure using mRNA-miRNA analyses. <i>Scientific Reports</i> , 2018, 8, 13769.	3.4	16
29	Monitoring Neural Activities in the VTA in Response to Nicotine Intake Using a Novel Implantable Microimaging Device. <i>IEEE Access</i> , 2020, 8, 68013-68020.	4.4	16
30	Investigating the effects of opioid drugs on electrocortical activity using wavelet transform. <i>Biological Cybernetics</i> , 1995, 72, 431-437.	1.3	15
31	Investigating the Effect of Perinatal Nicotine Exposure on Dopaminergic Neurons in the VTA Using miRNA Expression Profiles. <i>IEEE Transactions on Nanobioscience</i> , 2017, 16, 843-849.	3.9	15
32	Astrocytes Decreased the Sensitivity of Glioblastoma Cells to Temozolomide and Bay 11-7082. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7154.	4.2	15
33	Harmonic decomposition of diastolic heart sounds associated with coronary artery disease. <i>Signal Processing</i> , 1995, 41, 79-90.	3.9	14
34	Investigating the effect of maternal alcohol intake on human fetal breathing rate using adaptive time-frequency analysis methods. <i>Early Human Development</i> , 1996, 46, 153-164.	1.8	14
35	Ventral Tegmental Area Dopamine Neurons Firing Model Reveals Prenatal Nicotine Induced Alterations. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2017, 25, 1387-1396.	5.0	14
36	Cancelable HD-SEMG Biometric Identification via Deep Feature Learning. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2022, 26, 1782-1793.	6.8	14

#	ARTICLE	IF	CITATIONS
37	Noninvasive cardiac output estimation: a preliminary study. <i>Biological Cybernetics</i> , 1997, 77, 111-122.	1.3	13
38	Complexity measures of the central respiratory networks during wakefulness and sleep. <i>Journal of Neural Engineering</i> , 2008, 5, 254-261.	3.5	13
39	An anthropomorphic beating heart phantom for cardiac X-ray CT imaging evaluation. <i>Journal of Applied Clinical Medical Physics</i> , 2010, 11, 191-199.	1.8	13
40	Brain-Computer Interfaces. , 2013, , 237-252.		13
41	Nonlinear dynamical analysis of carbachol induced hippocampal oscillations in mice. <i>Acta Pharmacologica Sinica</i> , 2009, 30, 859-867.	6.1	12
42	Endophilin B2 promotes inner mitochondrial membrane degradation by forming heterodimers with Endophilin B1 during mitophagy. <i>Scientific Reports</i> , 2016, 6, 25153.	3.4	12
43	Gene expression profiling of midbrain dopamine neurons upon gestational nicotine exposure. <i>Medical and Biological Engineering and Computing</i> , 2017, 55, 467-482.	2.9	12
44	Micro-LED Array-Based Photo-Stimulation Devices for Optogenetics in Rat and Macaque Monkey Brains. <i>IEEE Access</i> , 2021, 9, 127937-127949.	4.4	12
45	Carotid-Cardiac Interaction: Heart Rate Variability During the Unblocking of the Carotid Artery. <i>Advances in Experimental Medicine and Biology</i> , 1993, 346, 365-372.	9.0	12
46	Global field power helps separate respiratory-related evoked potentials from EMG contamination. <i>Journal of Applied Physiology</i> , 2000, 88, 282-290.	2.7	11
47	Nicotine exposure increases the complexity of dopamine neurons in the parainterfascicular nucleus (PIF) sub-region of VTA. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2014, 11, 103.	4.7	11
48	The interaction between breathing and swallowing in amyotrophic lateral sclerosis. <i>Acta Neurologica Belgica</i> , 2016, 116, 549-556.	1.1	11
49	Movement-Related Cortical Potentials and Their Application in Brain-Computer Interfacing. , 2013, , 253-266.		11
50	Statistical Mapping of Scalp-Recorded Ictal EEG Records Using Wavelet Analysis. <i>Epilepsia</i> , 2003, 44, 664-672.	4.6	10
51	Complexity of VTA DA neural activities in response to PFC transection in nicotine treated rats. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2011, 8, 13.	4.7	10
52	Investigating the influence of PFC transection and nicotine on dynamics of AMPA and NMDA receptors of VTA dopaminergic neurons. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2011, 8, 58.	4.7	10
53	Investigating the relationship between fetus EEG, respiratory, and blood pressure signals during maturation using wavelet transform. <i>Annals of Biomedical Engineering</i> , 1995, 23, 574-582.	2.5	9
54	AGE RELATED ALTERATIONS IN THE COMPLEXITY OF RESPIRATORY PATTERNS. <i>Journal of Integrative Neuroscience</i> , 2003, 02, 165-178.	1.7	9

#	ARTICLE	IF	CITATIONS
55	Hypoxia silences the neural activities in the early phase of the phrenic neurogram of eupnea in the piglet. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2005, 2, 32.	4.7	9
56	Acoustic Detection of Coronary Occlusions before and after Stent Placement Using an Electronic Stethoscope. <i>Entropy</i> , 2016, 18, 281.	2.3	9
57	Comparison between dopaminergic and non-dopaminergic neurons in the VTA following chronic nicotine exposure during pregnancy. <i>Scientific Reports</i> , 2019, 9, 445.	3.4	9
58	Noise Reduction Technique for Single-Color Video Plethysmography Using Singular Spectrum Analysis. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2020, 24, 1788-1795.	6.8	9
59	PERFORM: A platform for monitoring and management of chronic neurodegenerative diseases: The Parkinson and Amyotrophic Lateral Sclerosis case. , 2009, , .		8
60	Spike Sorting. , 2013, , 155-172.		8
61	Investigating the Influence of GABA Neurons on Dopamine Neurons in the Ventral Tegmental Area Using Optogenetic Techniques. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1114.	4.2	8
62	Automatic Upper-Limb Brunnstrom Recovery Stage Evaluation via Daily Activity Monitoring. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2022, 30, 2589-2599.	5.0	8
63	Respiratory Related Evoked Responses to Graduated Pressure Pulses using Wavelet Transform Methods. <i>Annals of Biomedical Engineering</i> , 2000, 28, 1126-1135.	2.5	7
64	Introduction to Upper Limb Prosthetics. , 2013, , 267-290.		7
65	Investigating the influence of perinatal nicotine exposure on genetic profiles of neurons in the sub-regions of the VTA. <i>Scientific Reports</i> , 2020, 10, 2419.	3.4	7
66	The Effects of Maturation on Early and Late Phases of Phrenic Neurogram During Eupnea. <i>IEEE Transactions on Biomedical Engineering</i> , 2004, 51, 1954-1959.	4.3	6
67	Influence of the Vagus Nerve on Respiratory Patterns During Early Maturation. <i>IEEE Transactions on Biomedical Engineering</i> , 2005, 52, 1863-1868.	4.3	6
68	The effects of nicotine exposure and PFC transection on the time-frequency distribution of VTA DA neurons' firing activities. <i>Medical and Biological Engineering and Computing</i> , 2011, 49, 605-612.	2.9	6
69	Time-frequency analysis of the turbulent sounds caused by femoral artery stenosis in dogs using wavelet transform. , 1992, , .		5
70	The effects of morphine on the relationship between fetal EEG, breathing and blood pressure signals using fast wavelet transform. <i>Biological Cybernetics</i> , 1996, 74, 367-372.	1.3	5
71	Improved estimators for fractional Brownian motion via the expectation-maximization algorithm. <i>Medical Engineering and Physics</i> , 2002, 24, 77-83.	1.8	5
72	ActiGait®: A Partly Implantable Drop-Foot Stimulator System. , 2013, , 421-432.		5

#	ARTICLE	IF	CITATIONS
73	Temozolomide in Combination With NF- κ B Inhibitor Significantly Disrupts the Glioblastoma Multiforme Spheroid Formation. IEEE Open Journal of Engineering in Medicine and Biology, 2020, 1, 9-16.	2.5	5
74	Hippocampal gamma oscillations in rats. IEEE Engineering in Medicine and Biology Magazine, 2009, 28, 92-95.	0.8	4
75	The Assessment of Stent Effectiveness Using a Wearable Beamforming MEMS Microphone Array System. IEEE Journal of Translational Engineering in Health and Medicine, 2016, 4, 1-10.	3.9	4
76	Monitoring Neuronal Dynamics in the Ventral Tegmental Area Using an Implantable Microimaging Device With Microdialysis System. IEEE Access, 2021, 9, 55871-55878.	4.4	4
77	Multi-Region Microdialysis Imaging Platform Revealed Dorsal Raphe Nucleus Calcium Signaling and Serotonin Dynamics during Nociceptive Pain. International Journal of Molecular Sciences, 2023, 24, 6654.	4.2	4
78	Effect of Supraglottic Mechanoreceptors on Spatial Mapping of Respiratory Related Evoked Responses using Wavelet and Laplacian Methods. Annals of Biomedical Engineering, 2000, 28, 1370-1380.	2.5	3
79	CO ₂ sensitivity of the complexity of phrenic neurograms in the piglet during early maturation. Journal of Neural Engineering, 2005, 2, 35-41.	3.5	3
80	The effects of elevated body temperature on the complexity of the diaphragm EMG signals during maturation. Journal of Neural Engineering, 2009, 6, 024001.	3.5	3
81	The effects of 2-APB on the time-frequency distributions of δ oscillations in rat hippocampal slices. Journal of Neural Engineering, 2009, 6, 056006.	3.5	3
82	Modeling carbachol-induced hippocampal network synchronization using hidden Markov models. Journal of Neural Engineering, 2010, 7, 056012.	3.5	3
83	Wavelet Denoising and Conditioning of Neural Recordings. , 2013, , 173-182.		3
84	Myoelectric Prostheses and Targeted Reinnervation. , 2013, , 291-310.		3
85	Selecting Relevant Genes From Microarray Datasets Using a Random Forest Model. IEEE Access, 2021, 9, 97813-97821.	4.4	3
86	Time-frequency analysis of the electrocortical activity during maturation using wavelet transform. Biological Cybernetics, 1994, 71, 169-176.	1.3	3
87	Investigating the Influence of Morphine and Cocaine on the Mesolimbic Pathway Using a Novel Microimaging Platform. International Journal of Molecular Sciences, 2023, 24, 16303.	4.2	3
88	Optimization of inter-subject sEMG-based hand gesture recognition tasks using unsupervised domain adaptation techniques. Biomedical Signal Processing and Control, 2024, 92, 106086.	5.9	3
89	Complex Life Science Multidatabase Queries. , 0, , 209-225.		2
90	Robust Methods for Microarray Analysis. , 0, , 99-130.		2

#	ARTICLE	IF	CITATIONS
91	Nicotine and elevated body temperature reduce the complexity of the genioglossus and diaphragm EMG signals in rats during early maturation. Journal of Neural Engineering, 2009, 6, 056004.	3.5	2
92	Selectivity of Peripheral Neural Interfaces. , 2013, , 433-460.		2
93	Methods for Noninvasive Electroencephalogram Detection. , 2013, , 137-154.		2
94	Functional Electrical Therapy of Upper Extremities. , 2013, , 477-492.		2
95	Investigating the effects of chronic perinatal alcohol and combined nicotine and alcohol exposure on dopaminergic and non-dopaminergic neurons in the VTA. Scientific Reports, 2021, 11, 8706.	3.4	2
96	Predicting Feeding Conditions of Premature Infants Through Non-Nutritive Sucking Skills Using a Sensitized Pacifier. IEEE Transactions on Biomedical Engineering, 2022, 69, 2370-2378.	4.3	2
97	Evaluation of the tracking potential of a noninvasive estimator of cardiac output. Computers in Biology and Medicine, 1996, 26, 281-295.	7.2	1
98	In Silico Radiation Oncology: A Platform for Understanding Cancer Behavior and Optimizing Radiation Therapy Treatment. , 0, , 131-156.		1
99	Qualitative Knowledge Models in Functional Genomics and Proteomics. , 0, , 1-23.		1
100	Computational Analysis of Interactions between Tumor and Tumor Suppressor Proteins. , 0, , 257-287.		1
101	Dynamics of hippocampal θ oscillations in rats in response to acute 2-APB exposure. , 2009, ,		1
102	Paired Associative Stimulation. , 2013, , 529-548.		1
103	Robot-Assisted Neurorehabilitation. , 2013, , 505-528.		1
104	Guest Editorial - Neural engineering: An exciting, multi-disciplinary, and revolutionary research field. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2013, 21, 523-523.	5.0	1
105	Customized Modeling and Simulations for the Control of FES-Assisted Walking of Individuals with Hemiplegia. , 2013, , 401-420.		1
106	Exoskeletal Robotics for Functional Substitution. , 2013, , 327-348.		1
107	Advanced User Interfaces for Upper Limb Functional Electrical Stimulation. , 2013, , 377-400.		1
108	Progress in Peripheral Neural Interfaces. , 2013, , 63-94.		1

#	ARTICLE	IF	CITATIONS
109	Gait Rehabilitation Using Nociceptive Withdrawal Reflex-Based Functional Electrical Therapy in Stroke Patients. , 2013, , 493-504.		1
110	Operant Conditioning of Spinal Reflexes for Motor Rehabilitation after CNS Damage. , 2013, , 549-570.		1
111	The Age-Related Effect of Nicotine on the Expression of Neuroprotective Genes in Ventral Tegmental Area and Substantia Nigra. IEEE Life Sciences Letters, 2017, 3, 13-16.	1.2	1
112	Investigating miRNA-mRNA Interactions and Gene Regulatory Networks From VTA Dopaminergic Neurons Following Perinatal Nicotine and Alcohol Exposure Using Bayesian Network Analysis. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 3550-3555.	6.8	1
113	Investigating the Modulation of the VTA Neurons in Nicotine-Exposed Pups during Early Maturation Using Optogenetics. International Journal of Molecular Sciences, 2023, 24, 2280.	4.2	1
114	Processes for Designing Innovative Biomedical Hardware to Use in Space and on Earth. IEEE Open Journal of Engineering in Medicine and Biology, 2023, 4, 184-189.	2.5	1
115	Biocomplexity Of Respiratory Neural Network During Early Maturation. , 2005, 2006, 756-8.		0
116	Interpreting Microarray Data and Related Applications Using Nonlinear System Identification. , 0, , 25-53.		0
117	Gene Regulation Bioinformatics of Microarray Data. , 0, , 55-98.		0
118	Genomewide Motif Identification Using a Dictionary Model. , 0, , 157-172.		0
119	The Effects of Hypercapnia on Early and Later Phases of Phrenic Neurogram During Early Maturation. IEEE Transactions on Biomedical Engineering, 2006, 53, 1250-1254.	4.3	0
120	“Biomedical engineering for global healthcare”, , 2008, , .		0
121	Investigating the effects of nicotine on hippocampal oscillations in rats. , 2009, , .		0
122	Advances in Neural and Cognitive Engineering [Scanning the Issue]. Proceedings of the IEEE, 2010, 98, 354-355.	26.3	0
123	Multimodal, Multisite Neuronal Recordings for Brain Research. , 2013, , 95-112.		0
124	Methods for Movement Restoration. , 2013, , 351-376.		0
125	Surface Electromyogram Detection. , 2013, , 113-136.		0
126	Diseases and Injuries of the Central Nervous System Leading to Sensory“Motor Impairment. , 2013, , 3-20.		0

#	ARTICLE	IF	CITATIONS
127	Peripheral and Spinal Plasticity after Nerve Injuries. , 2013, , 21-38.		0
128	Motor Control Modules of Human Movement in Health and Disease. , 2013, , 39-60.		0
129	Instantaneous Cross-Correlation Analysis of Neural Ensembles with High Temporal Resolution. , 2013, , 183-198.		0
130	Unsupervised Decomposition Methods for Analysis of Multimodal Neural Data. , 2013, , 199-234.		0
131	Controlling Prostheses Using PNS Invasive Interfaces for Amputees. , 2013, , 311-326.		0
132	Brain-Computer Interface Applied to Motor Recovery after Brain Injury. , 2013, , 463-476.		0
133	Assessment of Gait Disorder in Patients with Parkinson's Disease Using Accelerometry. Journal of Life Support Engineering, 2004, 16, 90-97.	0.0	0
134	AUTOREGRESSIVE SPECTRAL ANALYSIS OF PHRENIC NEUROGRAM BEFORE AND AFTER VAGOTOMY IN THE PIGLET. , 2004, , .		0
135	CLASSIFYING PATTERNS RELATING TO THE EARLY DEVELOPMENT OF POSTTRAUMATIC STRESS DISORDER USING PRINCIPAL COMPONENTS ANALYSIS. , 2004, , .		0
136	BIOCOMPLEXITY OF RESPIRATORY NEURAL NETWORK DURING EUPNEA GASPING AND HYPERCAPNIA. , 2006, , .		0
137	Injuries of the Nervous System. , 2013, , 1-2.		0
138	Signal Detection and Conditioning. , 2013, , 61-62.		0
139	IEEE Press Series in Biomedical Engineering. , 2013, , 581-582.		0
140	Function Replacement (Prostheses and Orthosis). , 2013, , 235-236.		0
141	Rehabilitation through Neuromodulation. , 2013, , 461-462.		0
142	Function Restoration. , 2013, , 349-350.		0
143	A Model for Disturbed Coronary Artery Flow with Phonocardiographic Verification. Developments in Cardiovascular Medicine, 1991, , 261-272.	0.0	0
144	PREFACE. , 1994, , xiii-xiv.		0

#	ARTICLE	IF	CITATIONS
145	IMPROVED NONINVASIVE DIAGNOSIS OF CORONARY ARTERY DISEASE USING NEURAL NETWORKS. Advances in Fuzzy Systems, 1995, , 52-69.	0.0	0
146	24 HOUR ANALYSIS OF HEART RATE FLUCTUATIONS BEFORE AND AFTER CAROTID SURGERY USING WAVELET TRANSFORM. Advances in Fuzzy Systems, 1995, , 202-216.	0.0	0
147	The Influence of Human Astrocyte-Conditioned Media on Glioblastoma Multiforme Response to Temozolomide and Bay 11-7082. IEEE Access, 2022, 10, 12882-12888.	4.4	0
148	New Horizons: From Vision to Impact. IEEE Pulse, 2022, 13, 34-37.	0.3	0
149	Error Control Codes and the Genome. , 0, , 173-208.		0
150	Computational Analysis of Proteins. , 0, , 227-256.		0
151	The effects of morphine on the relationship between fetal EEG, breathing and blood pressure signals using fast wavelet transform. Biological Cybernetics, 1996, 74, 367-372.	1.3	0
152	Defining Success in BME Careers and Entrepreneurship. IEEE Pulse, 2022, 13, 27-30.	0.3	0
153	Insights Into Health Care Innovation and the Future of EMBS. IEEE Pulse, 2023, 14, 31-35.	0.3	0
154	Digital Health Enabled Health Care Innovations. IEEE Pulse, 2023, 14, 27-30.	0.3	0
155	Targeted Sensitization of Glioblastoma Multiforme Using AAAPT Technology. IEEE Open Journal of Engineering in Medicine and Biology, 2023, , 1-9.	2.5	0
156	Grand Challenges at the Interface of Engineering and Medicine. IEEE Open Journal of Engineering in Medicine and Biology, 2024, 5, 1-13.	2.5	0
157	Lightweight Neural Network for Sleep Posture Classification Using Pressure Sensing Mat at Various Sensor Densities. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2024, , 1-1.	5.0	0