

Hamid Marateb

List of Publications by Year in descending order

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Version: 2024-02-01

131
papers

3,120
citations

201385

27
h-index

189595

50
g-index

140
all docs

140
docs citations

140
times ranked

4952
citing authors

#	ARTICLE	IF	CITATIONS
1	A Cardiovascular Risk Assessment Model According to Behavioral, Psychosocial and Traditional Factors in Patients With ST-Segment Elevation Myocardial Infarction (CRAS-MI): Review of Literature and Methodology of a Multi-Center Cohort Study. <i>Current Problems in Cardiology</i> , 2023, 48, 101158.	1.1	1
2	Fetal ECG Extraction From Maternal ECG Using Attention-Based CycleGAN. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2022, 26, 515-526.	3.9	39
3	Novel frequency-based approach for detection of steady-state visual evoked potentials for realization of practical brain computer interfaces. <i>Brain-Computer Interfaces</i> , 2022, 9, 155-168.	0.9	2
4	Kernel Density Estimation of Electromyographic Signals and Ensemble Learning for Highly Accurate Classification of a Large Set of Hand/Wrist Motions. <i>Frontiers in Neuroscience</i> , 2022, 16, 796711.	1.4	3
5	An office-based cardiovascular prediction model developed and validated in cohort studies of a middle-income country. <i>Journal of Clinical Epidemiology</i> , 2022, 146, 1-11.	2.4	0
6	Gastrointestinal manifestations in patients with coronavirus disease-2019 (COVID-19): Impact on clinical outcomes. <i>Journal of Research in Medical Sciences</i> , 2022, 27, 32.	0.4	6
7	Severity of Disease and COVID-19 Complications During Hospital Stay: A Prospective Cohort Study. <i>Archives of Iranian Medicine</i> , 2022, 25, 383-393.	0.2	2
8	Rigorous performance assessment of the algorithms for resolving motor unit action potential superpositions. <i>Journal of Electromyography and Kinesiology</i> , 2021, 56, 102510.	0.7	1
9	A Comprehensive Review of Computer-Aided Diagnosis of Major Mental and Neurological Disorders and Suicide: A Biostatistical Perspective on Data Mining. <i>Diagnostics</i> , 2021, 11, 393.	1.3	11
10	Reliable Diagnosis and Prognosis of COVID-19. , 2021, , 319-340.		1
11	Prosthesis Control Using Undersampled Surface Electromyographic Signals. , 2021, , 89-112.		0
12	Absolute mortality risk assessment of COVID-19 patients: the Khorshid COVID Cohort (KCC) study. <i>BMC Medical Research Methodology</i> , 2021, 21, 146.	1.4	4
13	Classification of psychiatric symptoms using deep interaction networks: the CASPIAN-IV study. <i>Scientific Reports</i> , 2021, 11, 15706.	1.6	1
14	Developing Non-Laboratory Cardiovascular Risk Assessment Charts and Validating Laboratory and Non-Laboratory-Based Models. <i>Global Heart</i> , 2021, 16, 58.	0.9	1
15	Automatic Classification Between COVID-19 and Non-COVID-19 Pneumonia Using Symptoms, Comorbidities, and Laboratory Findings: The Khorshid COVID Cohort Study. <i>Frontiers in Medicine</i> , 2021, 8, 768467.	1.2	4
16	Systems biology and machine learning approaches identify drug targets in diabetic nephropathy. <i>Scientific Reports</i> , 2021, 11, 23452.	1.6	6
17	Age-Dependent Clinical Features and Prognosis of COVID-19 Patients.. <i>Tanaffos</i> , 2021, 20, 253-260.	0.5	0
18	Factors associated with progression to pre-diabetes: a recurrent events analysis. <i>Eating and Weight Disorders</i> , 2020, 25, 135-141.	1.2	6

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19	Can methods based on spot urine samples be used to estimate average population 24 h sodium excretion? Results from the Isfahan Salt Study. <i>Public Health Nutrition</i> , 2020, 23, 202-213.	1.1	6
20	COVID-SAFE: An IoT-Based System for Automated Health Monitoring and Surveillance in Post-Pandemic Life. <i>IEEE Access</i> , 2020, 8, 188538-188551.	2.6	146
21	Accurate Diagnosis of Suicide Ideation/Behavior Using Robust Ensemble Machine Learning: A University Student Population in the Middle East and North Africa (MENA) Region. <i>Diagnostics</i> , 2020, 10, 956.	1.3	13
22	High-density surface electromyography signals during isometric contractions of elbow muscles of healthy humans. <i>Scientific Data</i> , 2020, 7, 397.	2.4	15
23	Pathways leading to prevention of fatal and non-fatal cardiovascular disease: An interaction model on 15-year population-based cohort study. <i>Lipids in Health and Disease</i> , 2020, 19, 203.	1.2	3
24	A one-year hospital-based prospective COVID-19 open-cohort in the Eastern Mediterranean region: The Khorshid COVID Cohort (KCC) study. <i>PLoS ONE</i> , 2020, 15, e0241537.	1.1	29
25	Optimization of Visual Stimulus Sequence in a Brain-Computer Interface Based on Code Modulated Visual Evoked Potentials. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2020, 28, 2762-2772.	2.7	4
26	A Hybrid Dynamic Wavelet-Based Modeling Method for Blood Glucose Concentration Prediction in Type 1 Diabetes. <i>Journal of Medical Signals and Sensors</i> , 2020, 10, 174-184.	0.5	0
27	Long-term nuts intake and metabolic syndrome: A 13-year longitudinal population-based study. <i>Clinical Nutrition</i> , 2019, 38, 1246-1252.	2.3	17
28	Temporal Trend of Non-Invasive Method Capacity for Early Detection of Metabolic Syndrome in Children and Adolescents: A Bayesian Multilevel Analysis of Pseudo-Panel Data. <i>Annals of Nutrition and Metabolism</i> , 2019, 75, 55-65.	1.0	8
29	Non-invasive Decoding of the Motoneurons: A Guided Source Separation Method Based on Convolution Kernel Compensation With Clustered Initial Points. <i>Frontiers in Computational Neuroscience</i> , 2019, 13, 14.	1.2	17
30	Fuzzy jump wavelet neural network based on rule induction for dynamic nonlinear system identification with real data applications. <i>PLoS ONE</i> , 2019, 14, e0224075.	1.1	8
31	A 10-year Isfahan cohort on cardiovascular disease as a master plan for a multi-generation non-communicable disease longitudinal study: methodology and challenges. <i>Journal of Human Hypertension</i> , 2019, 33, 807-816.	1.0	7
32	A Comprehensive Comparison Between Steady-State Visual Evoked Potentials Frequency Estimation Methods in Brain-Computer Interface With The Minimum Number of EEG Channels. <i>Basic and Clinical Neuroscience</i> , 2019, 10, 245-256.	0.3	5
33	Risk modeling in prospective diabetes studies: Association and predictive value of anthropometrics. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2018, 12, 563-567.	1.8	0
34	A hierarchical Bayesian tri-variate analysis on factors associated with anthropometric measures in a large sample of children and adolescents: the CASPIAN-IV study. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2018, 31, 443-449.	0.4	10
35	Association of urinary phthalate metabolites concentrations with body mass index and waist circumference. <i>Environmental Science and Pollution Research</i> , 2018, 25, 11143-11151.	2.7	36
36	Online mapping of EMG signals into kinematics by autoencoding. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2018, 15, 21.	2.4	68

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37	Prediction of dyslipidemia using gene mutations, family history of diseases and anthropometric indicators in children and adolescents: The CASPIAN-III study. <i>Computational and Structural Biotechnology Journal</i> , 2018, 16, 121-130.	1.9	17
38	An 8-year study of people with multiple sclerosis in Isfahan, Iran: Association between environmental air pollutants and severity of disease. <i>Journal of Neuroimmunology</i> , 2018, 319, 106-111.	1.1	36
39	The design and validation of a hybrid digital-signal-processing plug-in for traditional cochlear implant speech processors. <i>Computer Methods and Programs in Biomedicine</i> , 2018, 159, 103-109.	2.6	5
40	Coffee consumption and risk of nonmelanoma skin cancer: a dose-response meta-analysis. <i>European Journal of Cancer Prevention</i> , 2018, 27, 164-170.	0.6	19
41	Is there any association between urinary metabolites of polycyclic aromatic hydrocarbons and thyroid hormone levels in children and adolescents?. <i>Environmental Science and Pollution Research</i> , 2018, 25, 1962-1968.	2.7	20
42	Electrophysiological Profiling of Neocortical Neural Subtypes: A Semi-Supervised Method Applied to in vivo Whole-Cell Patch-Clamp Data. <i>Frontiers in Neuroscience</i> , 2018, 12, 823.	1.4	17
43	Association of urinary concentrations of phthalate metabolites with cardiometabolic risk factors and obesity in children and adolescents. <i>Chemosphere</i> , 2018, 211, 547-556.	4.2	68
44	Cardiovascular mortality in a Western Asian country: results from the Iran Cohort Consortium. <i>BMJ Open</i> , 2018, 8, e020303.	0.8	24
45	Relationship of lipid regulatory gene polymorphisms and dyslipidemia in a pediatric population: the CASPIAN III study. <i>Hormones</i> , 2018, 17, 97-105.	0.9	5
46	Association of dietary patterns with continuous metabolic syndrome in children and adolescents; a nationwide propensity score-matched analysis: the CASPIAN-V study. <i>Diabetology and Metabolic Syndrome</i> , 2018, 10, 52.	1.2	24
47	Association of polycyclic aromatic hydrocarbons with cardiometabolic risk factors and obesity in children. <i>Environment International</i> , 2018, 118, 203-210.	4.8	51
48	Different effects of metformin and insulin on primary and secondary chemoprevention of colorectal adenoma in diabetes type 2: Traditional and Bayesian meta-analysis. <i>EXCLI Journal</i> , 2018, 17, 45-56.	0.5	15
49	Lipid regulatory genes polymorphism in children with and without obesity and cardiometabolic risk factors: The CASPIAN-III study. <i>Journal of Research in Medical Sciences</i> , 2018, 23, 11.	0.4	5
50	Decreased expression of Sema3A, an immune modulator, in blood sample of multiple sclerosis patients. <i>Gene</i> , 2017, 610, 59-63.	1.0	25
51	A Real-Time Method for Decoding the Neural Drive to Muscles Using Single-Channel Intra-Muscular EMG Recordings. <i>International Journal of Neural Systems</i> , 2017, 27, 1750025.	3.2	29
52	Statistical support for Sema3A and multiple sclerosis. <i>Gene</i> , 2017, 626, 87-88.	1.0	1
53	Association of atmospheric concentrations of polycyclic aromatic hydrocarbons with their urinary metabolites in children and adolescents. <i>Environmental Science and Pollution Research</i> , 2017, 24, 17136-17144.	2.7	13
54	A Hybrid Computer-aided-diagnosis System for Prediction of Breast Cancer Recurrence (HPBCR) Using Optimized Ensemble Learning. <i>Computational and Structural Biotechnology Journal</i> , 2017, 15, 75-85.	1.9	105

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55	Association of glycaemic index and glycaemic load with metabolic syndrome in an Iranian adult population: Isfahan Healthy Heart Program. <i>Nutrition and Dietetics</i> , 2017, 74, 61-66.	0.9	9
56	Muscle Activity Map Reconstruction from High Density Surface EMG Signals With Missing Channels Using Image Inpainting and Surface Reconstruction Methods. <i>IEEE Transactions on Biomedical Engineering</i> , 2017, 64, 1513-1523.	2.5	14
57	Increased Proportion of Tc17 and Th17 Cells and Their Significant Reduction after Thymectomy May Be Related to Disease Progression in Myasthenia Gravis. <i>NeuroImmunoModulation</i> , 2017, 24, 264-270.	0.9	8
58	A Novel Spatial Feature for the Identification of Motor Tasks Using High-Density Electromyography. <i>Sensors</i> , 2017, 17, 1597.	2.1	26
59	Association between Healthy Eating Index-2010 and Fetuin-A Levels in Patients with Type 2 Diabetes: a Case-Control Study. <i>Clinical Nutrition Research</i> , 2017, 6, 296.	0.5	5
60	PARS risk charts: A 10-year study of risk assessment for cardiovascular diseases in Eastern Mediterranean Region. <i>PLoS ONE</i> , 2017, 12, e0189389.	1.1	25
61	A systematic review on the effects of polycyclic aromatic hydrocarbons on cardiometabolic impairment. <i>International Journal of Preventive Medicine</i> , 2017, 8, 19.	0.2	43
62	Prediction of low birth weight delivery by maternal status and its validation: Decision curve analysis. <i>International Journal of Preventive Medicine</i> , 2017, 8, 53.	0.2	4
63	Comprehensive maternal characteristics associated with birth weight: Bayesian modeling in a prospective cohort study from Iran. <i>Journal of Research in Medical Sciences</i> , 2017, 22, 107.	0.4	5
64	The application of the transtheoretical model to identify physical activity behavior in women. <i>Iranian Journal of Nursing and Midwifery Research</i> , 2017, 22, 299.	0.2	1
65	Logic Regression Analysis of Gene Polymorphisms and HDL Levels in a Nationally Representative Sample of Iranian Adolescents: The CASPIAN-III Study. <i>International Journal of Endocrinology and Metabolism</i> , 2017, In Press, e14037.	0.3	3
66	Factors Associated With Serum Albumin in Diabetes Mellitus Type 2 With Microalbuminuria Using Non-Normal Mixed Models: A Prospective Cohort Study. <i>Iranian Red Crescent Medical Journal</i> , 2016, 18, e20671.	0.5	6
67	Methodological Note: Neurofeedback: A Comprehensive Review on System Design, Methodology and Clinical Applications. <i>Basic and Clinical Neuroscience</i> , 2016, 7, 143-58.	0.3	335
68	Interaction of lipoprotein lipase polymorphisms with body mass index and birth weight to modulate lipid profiles in children and adolescents: the CASPIAN-III Study. <i>Sao Paulo Medical Journal</i> , 2016, 134, 121-129.	0.4	12
69	Statins Use and Risk of Breast Cancer Recurrence and Death: A Systematic Review and Meta-Analysis of Observational Studies. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2016, 19, 72.	0.9	31
70	Detection of Multiple Innervation Zones from Multi-Channel Surface EMG Recordings with Low Signal-to-Noise Ratio Using Graph-Cut Segmentation. <i>PLoS ONE</i> , 2016, 11, e0167954.	1.1	14
71	Speed influences on complicated kinetic, kinematic and electromyographic gait data of lower extremities among healthy subjects. , 2016, , .		0
72	Association of waist and hip circumference and waist-hip ratio with type 2 diabetes risk in first-degree relatives. <i>Journal of Diabetes and Its Complications</i> , 2016, 30, 1050-1055.	1.2	11

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73	High dose Vitamin D intake and quality of life in relapsing-remitting multiple sclerosis: a randomized, double-blind, placebo-controlled clinical trial. <i>Neurological Research</i> , 2016, 38, 888-892.	0.6	31
74	Pediatric-specific reference intervals in a nationally representative sample of Iranian children and adolescents: the CASPIAN-III study. <i>World Journal of Pediatrics</i> , 2016, 12, 335-342.	0.8	6
75	Association of conjugated linoleic acid consumption and liver enzymes in human studies: A systematic review and meta-analysis of randomized controlled clinical trials. <i>Nutrition</i> , 2016, 32, 166-173.	1.1	14
76	Antileishmanial activity of prenylated coumarins isolated from <i>Ferulago angulata</i> and <i>Prangos asperula</i> . <i>Research in Pharmaceutical Sciences</i> , 2016, 11, 324.	0.6	16
77	Association of glutathione S-transferases M1 and T1 gene polymorphisms with the risk of metabolic syndrome in an Iranian population. <i>Advanced Biomedical Research</i> , 2016, 5, 63.	0.2	3
78	Predictors of all-cause and cardiovascular-specific mortality in type 2 diabetes: A competing risk modeling of an Iranian population. <i>Advanced Biomedical Research</i> , 2016, 5, 82.	0.2	7
79	The effect of extremely low-frequency magnetic field (50â€“60 Hz) exposure on spontaneous apoptosis: The results of a meta-analysis. <i>Advanced Biomedical Research</i> , 2016, 5, 141.	0.2	7
80	Adherence to stress-related mucosal damage prophylaxis guideline in patients admitted to the Intensive Care Unit. <i>Journal of Research in Pharmacy Practice</i> , 2016, 5, 186.	0.2	8
81	Acute Kidney Injury Risk Factors For ICU Patients Following Cardiac Surgery: The Application of Joint Modeling. <i>Trauma Monthly</i> , 2016, 21, e23749.	0.2	8
82	Hand kinematics estimation to control prosthetic devices: a nonlinear approach for simultaneous and proportional estimation of 15 DoFs. , 2015, , .		2
83	Short-Term Effect of High-Dose Vitamin D on the Level of Interleukin 10 in Patients with Multiple Sclerosis: A Randomized, Double-Blind, Placebo-Controlled Clinical Trial. <i>NeuroImmunoModulation</i> , 2015, 22, 400-404.	0.9	49
84	Association of foods enriched in conjugated linoleic acid (CLA) and CLA supplements with lipid profile in human studies: a systematic review and meta-analysis. <i>Public Health Nutrition</i> , 2015, 18, 2041-2054.	1.1	38
85	Seasonality and physician-related factors associated with antibiotic prescribing: A cross-sectional study in Isfahan, Iran. <i>International Journal of Preventive Medicine</i> , 2015, 6, 1.	0.2	33
86	Effect of high dose vitamin D intake on interleukin-17 levels in multiple sclerosis: A randomized, double-blind, placebo-controlled clinical trial. <i>Journal of Neuroimmunology</i> , 2015, 285, 125-128.	1.1	47
87	Efficacy of the <i>Punica granatum</i> peels aqueous extract for symptom management in ulcerative colitis patients. A randomized, placebo-controlled, clinical trial. <i>Complementary Therapies in Clinical Practice</i> , 2015, 21, 141-146.	0.7	39
88	Endothelial dysfunction state in migraine headache and neutrally mediated syncope in children and young adults. <i>Journal of Research in Medical Sciences</i> , 2015, 20, 771.	0.4	13
89	Designing a low-noise, high-resolution, and portable four channel acquisition system for recording surface electromyographic signal. <i>Journal of Medical Signals and Sensors</i> , 2015, 5, 245.	0.5	6
90	Relationship of the intake of different food groups by pregnant mothers with the birth weight and gestational age: Need for public and individual educational programs. <i>Journal of Education and Health Promotion</i> , 2015, 4, 23.	0.3	12

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91	Neurally mediated syncope: Is it really an endothelial dysfunction?. <i>Anatolian Journal of Cardiology</i> , 2015, 16, 701-6.	0.5	5
92	A noninvasive method for coronary artery diseases diagnosis using a clinically-interpretable fuzzy rule-based system. <i>Journal of Research in Medical Sciences</i> , 2015, 20, 214-23.	0.4	17
93	Designing a Low-noise, High-resolution, and Portable Four Channel Acquisition System for Recording Surface Electromyographic Signal. <i>Journal of Medical Signals and Sensors</i> , 2015, 5, 245-52.	0.5	0
94	Interaction of cholesterol ester transfer protein polymorphisms, body mass index, and birth weight with the risk of dyslipidemia in children and adolescents: the CASPIAN-III study. <i>Iranian Journal of Basic Medical Sciences</i> , 2015, 18, 1079-85.	1.0	3
95	Pediatric Metabolic Syndrome and Cell Blood Counts: Bivariate Bayesian Modeling. <i>Journal of Tropical Pediatrics</i> , 2014, 60, 61-67.	0.7	9
96	A hybrid intelligent system for diagnosing microalbuminuria in type 2 diabetes patients without having to measure urinary albumin. <i>Computers in Biology and Medicine</i> , 2014, 45, 34-42.	3.9	35
97	Genetic association with low concentrations of high density lipoprotein-cholesterol in a pediatric population of the Middle East and North Africa: The CASPIAN-III study. <i>Atherosclerosis</i> , 2014, 237, 273-278.	0.4	13
98	Is air quality index associated with cardiometabolic risk factors in adolescents? The CASPIAN-III Study. <i>Environmental Research</i> , 2014, 134, 105-109.	3.7	56
99	Systematic review and meta-analysis of age at menarche and risk of type 2 diabetes. <i>Acta Diabetologica</i> , 2014, 51, 519-528.	1.2	89
100	Association of fructose consumption and components of metabolic syndrome in human studies: A systematic review and meta-analysis. <i>Nutrition</i> , 2014, 30, 503-510.	1.1	149
101	Systematic review and metaanalysis of air pollution exposure and risk of diabetes. <i>European Journal of Epidemiology</i> , 2014, 29, 231-242.	2.5	86
102	An Electromyographic-driven Musculoskeletal Torque Model using Neuro-Fuzzy System Identification: A Case Study. <i>Journal of Medical Signals and Sensors</i> , 2014, 4, 237.	0.5	7
103	Etiology of congenital hypothyroidism in Isfahan: Does it different?. <i>Advanced Biomedical Research</i> , 2014, 3, 21.	0.2	14
104	Exploring Factors Related to Metastasis Free Survival in Breast Cancer Patients Using Bayesian Cure Models. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014, 15, 9673-9678.	0.5	13
105	Does water hardness have preventive effect on cardiovascular disease?. <i>International Journal of Preventive Medicine</i> , 2014, 5, 159-63.	0.2	19
106	Manipulating measurement scales in medical statistical analysis and data mining: A review of methodologies. <i>Journal of Research in Medical Sciences</i> , 2014, 19, 47-56.	0.4	16
107	Association of GSTT1 and GSTM1 polymorphisms with blood pressure: A Bayesian modeling of continuous data. <i>Journal of Research in Medical Sciences</i> , 2014, 19, 200-4.	0.4	4
108	An Electromyographic-driven Musculoskeletal Torque Model using Neuro-Fuzzy System Identification: A Case Study. <i>Journal of Medical Signals and Sensors</i> , 2014, 4, 237-46.	0.5	2

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109	An Undecimated Wavelet-based Method for Cochlear Implant Speech Processing. Journal of Medical Signals and Sensors, 2014, 4, 247-55.	0.5	0
110	Bayesian analysis of multivariate mixed models for a prospective cohort study using skew-elliptical distributions. Biometrical Journal, 2013, 55, 495-508.	0.6	4
111	Association of Nitrate, Nitrite, and Total Organic Carbon (TOC) in Drinking Water and Gastrointestinal Disease. Journal of Environmental and Public Health, 2013, 2013, 1-4.	0.4	11
112	Serum Paraoxonase 1 Activity Is Associated with Fatty Acid Composition of High Density Lipoprotein. Disease Markers, 2013, 35, 273-280.	0.6	11
113	Prevalence of transient congenital hypothyroidism in central part of Iran. Journal of Research in Medical Sciences, 2013, 18, 699-703.	0.4	24
114	Prevalence of permanent congenital hypothyroidism in isfahan-iran. International Journal of Preventive Medicine, 2013, 4, 1365-70.	0.2	7
115	First growth curves based on the World Health Organization reference in a Nationally-Representative Sample of Pediatric Population in the Middle East and North Africa (MENA): the CASPIAN-III study. BMC Pediatrics, 2012, 12, 149.	0.7	30
116	Outlier detection in high-density surface electromyographic signals. Medical and Biological Engineering and Computing, 2012, 50, 79-89.	1.6	50
117	Noradrenalin versus the combination of midodrine and octreotide in patients with hepatorenal syndrome: randomized clinical trial. International Journal of Preventive Medicine, 2012, 3, 764-9.	0.2	24
118	Robust decomposition of single-channel intramuscular EMG signals at low force levels. Journal of Neural Engineering, 2011, 8, 066015.	1.8	30
119	Rigorous a Posteriori Assessment of Accuracy in EMG Decomposition. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2011, 19, 54-63.	2.7	24
120	Solving EMG-force relationship using Particle Swarm Optimization. , 2011, 2011, 3861-4.		11
121	Accuracy assessment of CKC high-density surface EMG decomposition in biceps femoris muscle. Journal of Neural Engineering, 2011, 8, 066002.	1.8	53
122	Advances in Surface EMG: Recent Progress in Detection and Processing Techniques. Critical Reviews in Biomedical Engineering, 2010, 38, 305-345.	0.5	132
123	Robust outlier detection in high-density surface electromyographic signals. , 2010, 2010, 4850-3.		5
124	Autotransplantation of cryopreserved minor salivary glands: A new approach for management of radiation-induced xerostomia. Medical Hypotheses, 2010, 74, 29-30.	0.8	3
125	Resolving Superimposed MUAPs Using Particle Swarm Optimization. IEEE Transactions on Biomedical Engineering, 2009, 56, 916-919.	2.5	21
126	EMGLAB: An interactive EMG decomposition program. Journal of Neuroscience Methods, 2005, 149, 121-133.	1.3	264

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127	Reliability of machine learning methods for diagnosis and prognosis during the COVID-19 pandemic: a comprehensive critical review. , 0, , .		1
128	Coronary Artery Disease Diagnosis Using Supervised Fuzzy C-Means with Differential Search Algorithm-based Generalized Minkowski Metrics. Archive of Biomedical Science and Engineering, 0, , 006-014.	0.3	3
129	Reliable and accurate information extraction from surface electromyographic signals. , 0, , .		1
130	Epileptic seizure prediction and onset zone localization using intracranial and scalp electroencephalographic and magnetoencephalographic signals. , 0, , .		0
131	Rigorous performance assessment of computer-aided medical diagnosis and prognosis systems: a biostatistical perspective on data mining. , 0, , 17-1-17-24.		4