

Leili Tapak

List of Publications by Year in descending order

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Version: 2024-02-01

98
papers

1,223
citations

623188

14
h-index

454577

30
g-index

101
all docs

101
docs citations

101
times ranked

1659
citing authors

#	ARTICLE	IF	CITATIONS
1	The global, regional, and national burden of stomach cancer in 195 countries, 1990â€“2017: a systematic analysis for the Global Burden of Disease study 2017. <i>The Lancet Gastroenterology and Hepatology</i> , 2020, 5, 42-54.	3.7	390
2	Prediction of survival and metastasis in breast cancer patients using machine learning classifiers. <i>Clinical Epidemiology and Global Health</i> , 2019, 7, 293-299.	0.9	59
3	Real-Data Comparison of Data Mining Methods in Prediction of Diabetes in Iran. <i>Healthcare Informatics Research</i> , 2013, 19, 177.	1.0	55
4	Comparative evaluation of time series models for predicting influenza outbreaks: application of influenza-like illness data from sentinel sites of healthcare centers in Iran. <i>BMC Research Notes</i> , 2019, 12, 353.	0.6	43
5	A comparative study of support vector machines and artificial neural networks for predicting precipitation in Iran. <i>Theoretical and Applied Climatology</i> , 2015, 119, 723-731.	1.3	40
6	The impact of indoor air temperature on the executive functions of human brain and the physiological responses of body. <i>Health Promotion Perspectives</i> , 2019, 9, 55-64.	0.8	36
7	Study of the physiological and mental health effects caused by exposure to low-frequency noise in a simulated control room. <i>Building Acoustics</i> , 2018, 25, 233-248.	1.1	34
8	Combined effects of noise and air temperature on human neurophysiological responses in a simulated indoor environment. <i>Applied Ergonomics</i> , 2020, 88, 103189.	1.7	33
9	Prediction of Kidney Graft Rejection Using Artificial Neural Network. <i>Healthcare Informatics Research</i> , 2017, 23, 277.	1.0	31
10	Neck and shoulder pain among elementary school students: prevalence and its risk factors. <i>BMC Public Health</i> , 2019, 19, 1299.	1.2	30
11	Identifying Important Risk Factors for Survival in Kidney Graft Failure Patients Using Random Survival Forests. <i>Iranian Journal of Public Health</i> , 2016, 45, 27-33.	0.3	28
12	Competing Risks Data Analysis with High-dimensional Covariates: An Application in Bladder Cancer. <i>Genomics, Proteomics and Bioinformatics</i> , 2015, 13, 169-176.	3.0	22
13	Application of random forest time series, support vector regression and multivariate adaptive regression splines models in prediction of snowfall (a case study of Alvand in the middle Zagros,) <i>Tj ETQq1 1 0.784314 rgBT /Overlock</i>	1.4	14
14	Dynamic functional connectivity in temporal lobe epilepsy: a graph theoretical and machine learning approach. <i>Neurological Sciences</i> , 2021, 42, 2379-2390.	0.9	17
15	Investigating the effect of climatic parameters on mental disorder admissions. <i>International Journal of Biometeorology</i> , 2018, 62, 2109-2118.	1.3	16
16	Forecasting the monthly incidence rate of brucellosis in west of Iran using time series and data mining from 2010 to 2019. <i>PLoS ONE</i> , 2020, 15, e0232910.	1.1	15
17	A comparison of three data mining time series models in prediction of monthly brucellosis surveillance data. <i>Zoonoses and Public Health</i> , 2019, 66, 759-772.	0.9	14
18	Relationship of gray values in cone beam computed tomography and bone mineral density obtained by dual energy X-ray absorptiometry. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2019, 128, 319-331.	0.2	14

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19	Application of Genetic Algorithm-Based Support Vector Machine in Identification of Gene Expression Signatures for Psoriasis Classification: A Hybrid Model. <i>BioMed Research International</i> , 2021, 2021, 1-10.	0.9	14
20	Perceived occupational stressors among emergency medical service providers: a qualitative study. <i>BMC Emergency Medicine</i> , 2021, 21, 35.	0.7	13
21	<p>The Effect of Counseling on Stigma in Psychiatric Patients Receiving Electroconvulsive Therapy: A Clinical Trial Study</p>. <i>Neuropsychiatric Disease and Treatment</i> , 2019, Volume 15, 3419-3427.	1.0	11
22	Psychological and Sociodemographic Predictors of Fertility Intention among Childbearing-Aged Women in Hamadan, West of Iran: An Application of the BASNEF Model. <i>Korean Journal of Family Medicine</i> , 2019, 40, 182-187.	0.4	11
23	The effect of empowerment program on maternal discharge preparation and neonatal length of hospital stay: A randomized controlled trial. <i>Iranian Journal of Nursing and Midwifery Research</i> , 2018, 23, 172.	0.2	11
24	Development of scrubber with nano-TiO ₂ coated packing for H ₂ S removal. <i>Chemical Engineering Research and Design</i> , 2021, 149, 158-168.	2.7	10
25	Predicting the environmental suitability for onchocerciasis in Africa as an aid to elimination planning. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0008824.	1.3	10
26	Risk factors for low back pain among the elementary school students, using penalized logistic regression, Iran. <i>Epidemiology and Health</i> , 2020, 42, e2020039.	0.8	10
27	Determining correlates of the average number of cigarette smoking among college students using count regression models. <i>Scientific Reports</i> , 2020, 10, 8874.	1.6	9
28	Position of the hyoid bone and its correlation with airway dimensions in different classes of skeletal malocclusion using cone-beam computed tomography. <i>Imaging Science in Dentistry</i> , 2020, 50, 105.	0.6	9
29	Evaluation of the efficacy of the metal artifact reduction algorithm in the detection of a vertical root fracture in endodontically treated teeth in cone-beam computed tomography images: An in vitro study. <i>Dental and Medical Problems</i> , 2019, 56, 357-363.	0.7	9
30	Identification of Novel Noninvasive Diagnostics Biomarkers in the Parkinsonâ€™s Diseases and Improving the Disease Classification Using Support Vector Machine. <i>BioMed Research International</i> , 2022, 2022, 1-8.	0.9	9
31	Kernel machine SNP set analysis provides new insight into the association between obesity and polymorphisms located on the chromosomal 16q.12.2 region: Tehran Lipid and Glucose Study. <i>Gene</i> , 2018, 658, 146-151.	1.0	8
32	Prediction the groundwater level of Hamadan-Bahar Plain, west of Iran using support vector machines. <i>Journal of Research in Health Sciences</i> , 2014, 14, 81-6.	0.9	7
33	Identifying risk factors for progression to AIDS and mortality post-HIV infection using illness-death multistate model. <i>Clinical Epidemiology and Global Health</i> , 2017, 5, 163-168.	0.9	6
34	Application of data mining techniques and logistic regression to model drug use transition to injection: a case study in drug use treatment centers in Kermanshah Province, Iran. <i>Substance Abuse Treatment, Prevention, and Policy</i> , 2019, 14, 55.	1.0	6
35	A novel association of rs13334070 in the RRGRIPL1 gene with adiposity factors discovered by joint linkage and linkage disequilibrium analysis in Iranian pedigrees: Tehran Cardiometabolic Genetic Study (TCGS). <i>Genetic Epidemiology</i> , 2019, 43, 342-351.	0.6	6
36	<p>Coping Assessment Tools in the Family Caregivers of Patients with Breast Cancer: A Systematic Review</p>. <i>Breast Cancer: Targets and Therapy</i> , 2020, Volume 12, 11-26.	1.0	6

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37	Effect of education based on the health belief model on earthquake preparedness in women. <i>International Journal of Disaster Risk Reduction</i> , 2021, 52, 101954.	1.8	6
38	Factors associated with in-hospital death in patients with nosocomial infections:a registry base study according community data in west of Iran. <i>Epidemiology and Health</i> , 2020, 42, e2020037.	0.8	6
39	Epidemiological Features of Human Brucellosis in Iran (2011-2018) and Prediction of Brucellosis with Data-Mining Models. <i>Journal of Research in Health Sciences</i> , 2019, 19, e00462.	0.9	6
40	High-Dimensional Additive Hazards Regression for Oral Squamous Cell Carcinoma Using Microarray Data: A Comparative Study. <i>BioMed Research International</i> , 2014, 2014, 1-7.	0.9	5
41	A mixed-effects least square support vector regression model for three-level count data. <i>Journal of Statistical Computation and Simulation</i> , 2019, 89, 2801-2812.	0.7	5
42	Climatic and atmospheric indices teleconnection impact on the characteristics of frost season in western Iran. <i>Journal of Water and Climate Change</i> , 2019, 10, 391-401.	1.2	5
43	Application of group smoothly clipped absolute deviation method in identifying correlates of psychiatric distress among college students. <i>BMC Psychiatry</i> , 2020, 20, 198.	1.1	5
44	Topical Almond Oil for Prevention of Pressure Injuries. <i>Journal of Wound, Ostomy and Continence Nursing</i> , 2020, 47, 336-342.	0.6	5
45	Prediction accuracy of Dolphin software for soft-tissue profile in Class I patients undergoing fixed orthodontic treatment. <i>Journal of the World Federation of Orthodontists</i> , 2022, 11, 29-35.	0.9	5
46	Identifying factors associated with the hospital readmission rate among patients with major depressive disorder. <i>BMC Psychiatry</i> , 2021, 21, 542.	1.1	5
47	Human exposure to low dose ionizing radiation affects miR-21 and miR-625 expression levels. <i>Molecular Biology Reports</i> , 2022, 49, 1321-1327.	1.0	5
48	Insights into the relationship between usability and willingness to use a robot in the future workplaces: Studying the mediating role of trust and the moderating roles of age and STARA. <i>PLoS ONE</i> , 2022, 17, e0268942.	1.1	5
49	Survival Analysis of Gastric Cancer Patients with Incomplete Data. <i>Journal of Gastric Cancer</i> , 2014, 14, 259.	0.9	4
50	Multistate recursively imputed survival trees for time-to-event data analysis: an application to AIDS and mortality post-HIV infection data. <i>BMC Medical Research Methodology</i> , 2018, 18, 129.	1.4	4
51	Effects of motion direction and power of Er,Cr:YSGG laser on pull-out bond strength of fiber post to root dentin in endodontically-treated single-canal premolar teeth. <i>Biomaterials Research</i> , 2019, 23, 17.	3.2	4
52	Joint modelling of colorectal cancer recurrence and death after resection using multi-state model with cured fraction. <i>Scientific Reports</i> , 2021, 11, 1016.	1.6	4
53	Investigation of the Effect of Education Based on the Theory of Planned Behavior on the Mothers's Preventive Practices Regarding Toddler Home Injuries. <i>Home Health Care Management and Practice</i> , 2021, 33, 250-257.	0.4	4
54	Efficacy of Metal Artifact Reduction Algorithm of Cone-Beam Computed Tomography for Detection of Fenestration and Dehiscence around Dental Implants. <i>Journal of Biomedical Physics and Engineering</i> , 2021, 11, 305-314.	0.5	4

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55	The concept of coping in male spouses of Iranian women with breast cancer: A qualitative study using a phenomenological approach. <i>Canadian Oncology Nursing Journal = Revue Canadienne De Nursing Oncologique</i> , 2021, 31, 314-321.	0.1	4
56	Efficacy of Application of Platelet-Rich Fibrin for Improvement of Implant Stability: A Clinical Trial. <i>Journal of Long-Term Effects of Medical Implants</i> , 2018, 28, 259-266.	0.2	4
57	Prevalence of Work-related Musculoskeletal Disorders and Injuries in Occupational and Physical Therapists and Its Comparison. <i>Iranian Rehabilitation Journal</i> , 2017, 15, 31-36.	0.1	4
58	Effect of Home Care Program on Therapeutic Adherence of Patients with Type 2 Diabetes. <i>Journal of Education and Community Health</i> , 2020, 7, 187-193.	0.7	4
59	Weighing and prioritization of individual factors affecting the performance of industries firefighters. <i>Fire Safety Journal</i> , 2022, 127, 103512.	1.4	4
60	Relationship between nurses' cultural competence and observance of ethical codes. <i>Nursing Ethics</i> , 2022, 29, 962-972.	1.8	4
61	Predicting preeclampsia and related risk factors using data mining approaches: A cross-sectional study. <i>International Journal of Reproductive BioMedicine</i> , 2021, 19, 959-968.	0.5	4
62	Monitoring progress towards the elimination of measles in Iran: supporting evidence from 2014 to 2016 by application of measles outbreaks data. <i>BMC Public Health</i> , 2019, 19, 687.	1.2	3
63	The relationship between internet addiction and psychosomatic disorders in Iranian undergraduate nursing students: a cross-sectional study. <i>Journal of Addictive Diseases</i> , 2020, 38, 164-169.	0.8	3
64	The effect of underlying diabetes disease on clinical outcome and survival in patients with Covid-19: a propensity score matching study. <i>Journal of Diabetes and Metabolic Disorders</i> , 2021, 20, 1675-1683.	0.8	3
65	Prediction of Serum Creatinine in Hemodialysis Patients Using a Kernel Approach for Longitudinal Data. <i>Healthcare Informatics Research</i> , 2020, 26, 112-118.	1.0	3
66	Predicting the Survival Time for Bladder Cancer Using an Additive Hazards Model in Microarray Data. <i>Iranian Journal of Public Health</i> , 2016, 45, 239-48.	0.3	3
67	Predictors of mortality among hemodialysis patients in Hamadan province using random survival forests. <i>Journal of Preventive Medicine and Hygiene</i> , 2020, 61, E482-E488.	0.9	3
68	Effect of progressive muscle relaxation technique on self-esteem and self-efficacy in multiple sclerosis patients: A clinical trial study. <i>Journal of Education and Health Promotion</i> , 2022, 11, 8.	0.3	3
69	Random effect exponentiated-exponential geometric model for clustered/longitudinal zero-inflated count data. <i>Journal of Applied Statistics</i> , 2020, 47, 2272-2288.	0.6	2
70	Longitudinal Joint Modelling of Ordinal and Overdispersed Count Outcomes: A Bridge Distribution for the Ordinal Random Intercept. <i>Computational and Mathematical Methods in Medicine</i> , 2021, 2021, 1-13.	0.7	2
71	Team manual handling: a systematic review for identifying research gaps. <i>International Journal of Occupational Safety and Ergonomics</i> , 2022, 28, 1461-1472.	1.1	2
72	Identification of factors related to behaviors associated with musculoskeletal pain among elementary students. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 527.	0.8	2

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73	Ergonomics 4.0: A bibliometric review of Human Factors research in Industrial Revolution 4.0 (IR 4.0). <i>Work</i> , 2021, 70, 321-334.	0.6	2
74	A Case-Control Study of Seroprevalence of <i>Toxoplasma gondii</i> in Dementia Patients in Arak and Hamadan, West of Iran. <i>Archives of Clinical Infectious Diseases</i> , 2019, 14, .	0.1	2
75	Comparing the Structural Standards of Nursing Homes in Markazi Province, Iran With International Standards. <i>Salmand: Iranian Journal of Ageing</i> , 0, , .	0.2	2
76	Comparative Evaluation of Retreatability of Endodontically Treated Teeth using AH 26, Fluoride Varnish and Mineral Trioxide Aggregate-based Endodontic Sealers. <i>Open Dentistry Journal</i> , 2019, 13, 183-189.	0.2	2
77	The psychosocial challenges of mothers of children with thalassemia: A qualitative study. <i>Journal of Education and Health Promotion</i> , 2022, 11, 37.	0.3	2
78	Effect of Cardamom Inhalation Therapy on Intra-and Postoperative Nausea and Vomiting of Mothers Undergoing Spinal Anesthesia for Elective Cesarean Section. <i>Journal of Perianesthesia Nursing</i> , 2022, 37, 452-457.	0.3	2
79	Assessment of factors affecting tourism satisfaction using K-nearest neighborhood and random forest models. <i>BMC Research Notes</i> , 2019, 12, 749.	0.6	1
80	Evolution of Graph Theory in Dynamic Functional Connectivity for Lateralization of Temporal Lobe Epilepsy. , 2019, 2019, 628-631.		1
81	<i>Toxoplasma gondii</i> induced sperm DNA damage on the experimentally infected rats. <i>Journal of Parasitic Diseases</i> , 2020, 45, 351-358.	0.4	1
82	Physiological parameters of preterm infants in different postures: An observational study. <i>Journal of Neonatal Nursing</i> , 2020, 26, 212-216.	0.3	1
83	Regularized Weighted Nonparametric Likelihood Approach for High-Dimension Sparse Subdistribution Hazards Model for Competing Risk Data. <i>Computational and Mathematical Methods in Medicine</i> , 2021, 2021, 1-13.	0.7	1
84	Predictors of Preeclampsia Based on a 10-Year Case-Control Study. <i>Journal of Family & Reproductive Health</i> , 2019, 13, 14-20.	0.4	1
85	Improving phenylalanine and micronutrients status of children with phenylketonuria: a pilot randomized study. <i>Orphanet Journal of Rare Diseases</i> , 2021, 16, 475.	1.2	1
86	A Qualitative Study Exploring the Experiences of Mothers Caring for Their Children with Thalassemia in Iran.. <i>Ethiopian Journal of Health Sciences</i> , 2021, 31, 1287-1294.	0.2	1
87	Assessing the Nutritional Knowledge, Disease Perception, and Adherence to Diet in Patients with Hypertension Admitted to Farshchian Cardiovascular Clinic in 2017. <i>Journal of Molecular Biology Research</i> , 2018, 8, 68.	0.1	0
88	The Effect of Health Evolution Plan on Health System Responsiveness: An Experience of Health System Reform from Iran. <i>Hospital Topics</i> , 2020, 99, 1-11.	0.3	0
89	The Effect of Preparing Dialysis Machine Using Normal Saline-Heparin on the Dialysis Adequacy of Hemodialysis Patients: A Crossover, Two-Group, and Randomized Clinical Trial. <i>Nephro-Urology Monthly</i> , 2021, 13, .	0.0	0
90	Two-Stage Joint Model for Multivariate Longitudinal and Multistate Processes, with Application to Renal Transplantation Data. <i>Journal of Probability and Statistics</i> , 2021, 2021, 1-10.	0.3	0

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91	Landmark Prediction of Survival for Breast Cancer Patients: A Case Study in Tehran, Iran. Iranian Journal of Public Health, 0, , .	0.3	0
92	Landmark Prediction of Survival for Breast Cancer Patients: A Case Study in Tehran, Iran. Iranian Journal of Public Health, 2019, 48, 2249-2259.	0.3	0
93	Emergency Medical Service Providers' Perception of Health-Threatening Stressors in Emergency Missions: A qualitative Study. Ethiopian Journal of Health Sciences, 2021, 31, 517-524.	0.2	0
94	Title is missing!. , 2020, 15, e0232910.		0
95	Title is missing!. , 2020, 15, e0232910.		0
96	Title is missing!. , 2020, 15, e0232910.		0
97	Title is missing!. , 2020, 15, e0232910.		0
98	The effect of empowerment counseling on stress and self-esteem of mothers with hospitalized premature infants. Journal of Reproductive and Infant Psychology, 2024, 42, 315-326.	0.9	0