

Tahmina Nasrin Poly

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,545
citations

394421

19
h-index

330143

37
g-index

55
all docs

55
docs citations

55
times ranked

2308
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of fatty liver disease using machine learning algorithms. <i>Computer Methods and Programs in Biomedicine</i> , 2019, 170, 23-29.	4.7	183
2	Benzodiazepine Use and Risk of Dementia in the Elderly Population: A Systematic Review and Meta-Analysis. <i>Neuroepidemiology</i> , 2016, 47, 181-191.	2.3	178
3	Deep learning algorithms for detection of diabetic retinopathy in retinal fundus photographs: A systematic review and meta-analysis. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 191, 105320.	4.7	102
4	Increased Risk of Dementia in Patients with Antidepressants: A Meta-Analysis of Observational Studies. <i>Behavioural Neurology</i> , 2018, 2018, 1-8.	2.1	97
5	Obesity and Mortality Among Patients Diagnosed With COVID-19: A Systematic Review and Meta-Analysis. <i>Frontiers in Medicine</i> , 2021, 8, 620044.	2.6	87
6	Non-steroidal anti-inflammatory drugs and risk of Parkinson's disease in the elderly population: a meta-analysis. <i>European Journal of Clinical Pharmacology</i> , 2019, 75, 99-108.	1.9	72
7	Association between Use of Statin and Risk of Dementia: A Meta-Analysis of Observational Studies. <i>Neuroepidemiology</i> , 2020, 54, 214-226.	2.3	68
8	Statin Use and the Risk of Hepatocellular Carcinoma: A Meta-Analysis of Observational Studies. <i>Cancers</i> , 2020, 12, 671.	3.7	60
9	Exploring association between statin use and breast cancer risk: an updated meta-analysis. <i>Archives of Gynecology and Obstetrics</i> , 2017, 296, 1043-1053.	1.7	58
10	Use of Mobile Phone App Interventions to Promote Weight Loss: Meta-Analysis. <i>JMIR MHealth and UHealth</i> , 2020, 8, e17039.	3.7	56
11	Appropriateness of Overridden Alerts in Computerized Physician Order Entry: Systematic Review. <i>JMIR Medical Informatics</i> , 2020, 8, e15653.	2.6	51
12	Gender-based personalized pharmacotherapy: a systematic review. <i>Archives of Gynecology and Obstetrics</i> , 2017, 295, 1305-1317.	1.7	42
13	An artificial intelligence approach to early predict non-ST-elevation myocardial infarction patients with chest pain. <i>Computer Methods and Programs in Biomedicine</i> , 2019, 173, 109-117.	4.7	42
14	Association Between Atrial Fibrillation and Dementia: A Meta-Analysis. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 305.	3.4	41
15	Artificial Intelligence in Ophthalmology: A Meta-Analysis of Deep Learning Models for Retinal Vessels Segmentation. <i>Journal of Clinical Medicine</i> , 2020, 9, 1018.	2.4	37
16	Recent Advancement of Clinical Information Systems: Opportunities and Challenges. <i>Yearbook of Medical Informatics</i> , 2018, 27, 083-090.	1.0	33
17	Exploring the Association between Statin Use and the Risk of Parkinson's Disease: A Meta-Analysis of Observational Studies. <i>Neuroepidemiology</i> , 2017, 49, 142-151.	2.3	32
18	Application of Artificial Intelligence in COVID-19 Pandemic: Bibliometric Analysis. <i>Healthcare (Switzerland)</i> , 2021, 9, 441.	2.0	32

#	ARTICLE	IF	CITATIONS
19	Clinical Characteristics and Neonatal Outcomes of Pregnant Patients With COVID-19: A Systematic Review. <i>Frontiers in Medicine</i> , 2020, 7, 573468.	2.6	30
20	Association between benzodiazepines use and risk of hip fracture in the elderly people: A meta-analysis of observational studies. <i>Joint Bone Spine</i> , 2020, 87, 241-249.	1.6	23
21	Machine Learning Approach to Reduce Alert Fatigue Using a Disease Medication-Related Clinical Decision Support System: Model Development and Validation. <i>JMIR Medical Informatics</i> , 2020, 8, e19489.	2.6	17
22	Gout drugs use and risk of cancer: A case-control study. <i>Joint Bone Spine</i> , 2018, 85, 747-753.	1.6	16
23	Increase Risk of Multiple Sclerosis in Patients with Psoriasis Disease: An Evidence of Observational Studies. <i>Neuroepidemiology</i> , 2019, 52, 152-160.	2.3	15
24	A State-of-the-Art Survey on Artificial Intelligence to Fight COVID-19. <i>Journal of Clinical Medicine</i> , 2021, 10, 1961.	2.4	14
25	Development of an Artificial Intelligence-Based Automated Recommendation System for Clinical Laboratory Tests: Retrospective Analysis of the National Health Insurance Database. <i>JMIR Medical Informatics</i> , 2020, 8, e24163.	2.6	14
26	Risk of Hemorrhagic Stroke in Patients Exposed to Nonsteroidal Anti-Inflammatory Drugs: A Meta-Analysis of Observational Studies. <i>Neuroepidemiology</i> , 2018, 51, 166-176.	2.3	12
27	Metformin Use Is Associated with Decreased Mortality in COVID-19 Patients with Diabetes: Evidence from Retrospective Studies and Biological Mechanism. <i>Journal of Clinical Medicine</i> , 2021, 10, 3507.	2.4	12
28	Deep into Laboratory: An Artificial Intelligence Approach to Recommend Laboratory Tests. <i>Diagnostics</i> , 2021, 11, 990.	2.6	11
29	Predicting Hepatocellular Carcinoma With Minimal Features From Electronic Health Records: Development of a Deep Learning Model. <i>JMIR Cancer</i> , 2021, 7, e19812.	2.4	11
30	Applications of Machine Learning in Fatty Liver Disease Prediction. <i>Studies in Health Technology and Informatics</i> , 2018, 247, 166-170.	0.3	11
31	Risk of cancer in long-term levothyroxine users: Retrospective population-based study. <i>Cancer Science</i> , 2021, 112, 2533-2541.	3.9	10
32	Development of a Web-Based System for Exploring Cancer Risk With Long-term Use of Drugs: Logistic Regression Approach. <i>JMIR Public Health and Surveillance</i> , 2021, 7, e21401.	2.6	9
33	Levothyroxine use and the risk of breast cancer: a nation-wide population-based case-control study. <i>Archives of Gynecology and Obstetrics</i> , 2018, 298, 389-396.	1.7	8
34	Association between gout and cardiovascular disease risk: A nation-wide case-control study. <i>Joint Bone Spine</i> , 2019, 86, 389-391.	1.6	8
35	Artificial Intelligence in Gastric Cancer: Identifying Gastric Cancer Using Endoscopic Images with Convolutional Neural Network. <i>Cancers</i> , 2021, 13, 5253.	3.7	8
36	Application of Artificial Intelligence for Screening COVID-19 Patients Using Digital Images: Meta-analysis. <i>JMIR Medical Informatics</i> , 2021, 9, e21394.	2.6	7

#	ARTICLE	IF	CITATIONS
37	DeepDRG: Performance of Artificial Intelligence Model for Real-Time Prediction of Diagnosis-Related Groups. Healthcare (Switzerland), 2021, 9, 1632.	2.0	7
38	Improved diagnosis-medication association mining to reduce pseudo-associations. Computer Methods and Programs in Biomedicine, 2021, 207, 106181.	4.7	6
39	Deep Learning for Accurate Diagnosis of Glaucomatous Optic Neuropathy Using Digital Fundus Image: A Meta-Analysis. Studies in Health Technology and Informatics, 2020, 270, 153-157.	0.3	6
40	Association between Anemia and Risk of Parkinson Disease. Behavioural Neurology, 2021, 2021, 1-8.	2.1	4
41	Artificial Intelligence in Diabetic Retinopathy: Insights from a Meta-Analysis of Deep Learning. Studies in Health Technology and Informatics, 2019, 264, 1556-1557.	0.3	4
42	Deep into Patient care: An automated deep learning approach for reshaping patient care in clinical setting. Computer Methods and Programs in Biomedicine, 2019, 168, A1-A2.	4.7	3
43	A simulated measurement for COVID-19 pandemic using the effective reproductive number on an empirical portion of population: epidemiological models. Neural Computing and Applications, 2023, 35, 22813-22821.	5.6	2
44	Deep Learning Approach for the Development of a Novel Predictive Model for Prostate Cancer. Studies in Health Technology and Informatics, 2020, 270, 1241-1242.	0.3	2
45	Early Diabetes Prediction: A Comparative Study Using Machine Learning Techniques. Studies in Health Technology and Informatics, 2022, , .	0.3	2
46	Logical Observation Identifiers Names and Codes (LOINC®) Applied to Microbiology: A National Laboratory Mapping Experience in Taiwan. Diagnostics, 2021, 11, 1564.	2.6	1
47	Clinical Usefulness of Drug-Disease Interaction Alerts from a Clinical Decision Support System, MedGuard, for Patient Safety: A Single Center Study. Studies in Health Technology and Informatics, 2022, , .	0.3	1
48	Challenges of patient's safety, satisfaction and quality of care in developing and developed counties. International Journal for Quality in Health Care, 2019, 31, 323-324.	1.8	0