

Subhagata Chattopadhyay

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9627244/publications.pdf>

Version: 2024-02-01

59
papers

1,659
citations

566801

15
h-index

301761

39
g-index

62
all docs

62
docs citations

62
times ranked

1612
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated diagnosis of epileptic EEG using entropies. Biomedical Signal Processing and Control, 2012, 7, 401-408.	3.5	567
2	APPLICATION OF RECURRENCE QUANTIFICATION ANALYSIS FOR THE AUTOMATED IDENTIFICATION OF EPILEPTIC EEG SIGNALS. International Journal of Neural Systems, 2011, 21, 199-211.	3.2	271
3	AUTOMATED DIAGNOSIS OF NORMAL AND ALCOHOLIC EEG SIGNALS. International Journal of Neural Systems, 2012, 22, 1250011.	3.2	140
4	Comparing Fuzzy-C Means and K-Means Clustering Techniques: A Comprehensive Study. Advances in Intelligent and Soft Computing, 2012, , 451-460.	0.2	53
5	Linear and non-linear analysis of cardiac health in diabetic subjects. Biomedical Signal Processing and Control, 2012, 7, 295-302.	3.5	50
6	A survey and comparative study on the instruments for glaucoma detection. Medical Engineering and Physics, 2012, 34, 129-139.	0.8	43
7	A Case-Based Reasoning system for complex medical diagnosis. Expert Systems, 2013, 30, 12-20.	2.9	43
8	Higher order spectra analysis of breast thermograms for the automated identification of breast cancer. Expert Systems, 2014, 31, 37-47.	2.9	43
9	Neural Network Approaches to Grade Adult Depression. Journal of Medical Systems, 2012, 36, 2803-2815.	2.2	29
10	A neuro-fuzzy approach for the diagnosis of depression. Applied Computing and Informatics, 2017, 13, 10-18.	3.7	29
11	A Framework for Studying Perceptions of Rural Healthcare Staff and Basic ICT Support for e-Health Use: An Indian Experience. Telemedicine Journal and E-Health, 2010, 16, 80-88.	1.6	28
12	Application of Bayesian Classifier for the Diagnosis of Dental Pain. Journal of Medical Systems, 2012, 36, 1425-1439.	2.2	22
13	Developing fuzzy classifiers to predict the chance of occurrence of adult psychoses. Knowledge-Based Systems, 2008, 21, 479-497.	4.0	20
14	Some studies on fuzzy clustering of psychosis data. International Journal of Business Intelligence and Data Mining, 2007, 2, 143.	0.2	18
15	An Automated System to Diagnose the Severity of Adult Depression. , 2011, , .		18
16	Neurofuzzy models to automate the grading of old-age depression. Expert Systems, 2014, 31, 48-55.	2.9	18
17	Genetic-neuro-fuzzy system for grading depression. Applied Computing and Informatics, 2018, 14, 98-105.	3.7	16
18	A Novel Mathematical Approach to Diagnose Premenstrual Syndrome. Journal of Medical Systems, 2012, 36, 2177-2186.	2.2	14

#	ARTICLE	IF	CITATIONS
19	A Study on Suicidal Risk Analysis. , 2007, , .		12
20	AUTOMATED IDENTIFICATION OF EPILEPTIC AND ALCOHOLIC EEG SIGNALS USING RECURRENCE QUANTIFICATION ANALYSIS. Journal of Mechanics in Medicine and Biology, 2012, 12, 1240028.	0.3	11
21	COMPREHENSIVE ANALYSIS OF NORMAL AND DIABETIC HEART RATE SIGNALS: A REVIEW. Journal of Mechanics in Medicine and Biology, 2012, 12, 1240033.	0.3	11
22	A Prototype Depression Screening Tool for Rural Healthcare: A Step Towards <l>/l>-Health Informatics. Journal of Medical Imaging and Health Informatics, 2012, 2, 244-249.	0.2	11
23	A Systems Approach to Cardiac Health Diagnosis. Journal of Medical Imaging and Health Informatics, 2013, 3, 261-267.	0.2	11
24	Applications of Artificial Intelligence in Assessment for Learning in Schools. Advances in Educational Technologies and Instructional Design Book Series, 2018, , 185-206.	0.2	11
25	A framework for assessing ICT preparedness for e-health implementations. , 2008, , .		9
26	Statistical modeling of psychosis data. Computer Methods and Programs in Biomedicine, 2010, 100, 222-236.	2.6	9
27	A Comparative Study of Back Propagation and Simulated Annealing Algorithms for Neural Net Classifier Optimization. Procedia Engineering, 2012, 38, 448-455.	1.2	9
28	Computer-Based Identification of Type 2 Diabetic Subjects with and Without Neuropathy Using Dynamic Planter Pressure and Principal Component Analysis. Journal of Medical Systems, 2012, 36, 2483-2491.	2.2	9
29	An Ontology Driven Multi-Agent Approach to Integrated e-Health Systems. International Journal of E-Health and Medical Communications, 2010, 1, 28-40.	1.4	8
30	EFFECTS OF MOBILE PHONE RADIATION ON CARDIAC HEALTH. Journal of Mechanics in Medicine and Biology, 2011, 11, 1241-1253.	0.3	8
31	Modeling Depression Data: Feed Forward Neural Network vs. Radial Basis Function Neural Network. American Journal of Biomedical Sciences, 0, , 166-174.	0.2	8
32	An ontology-based framework for managing semantic interoperability issues in e-health. , 2008, , .		7
33	Fuzzy awareness model for disaster situations. Intelligent Decision Technologies, 2009, 3, 75-82.	0.6	7
34	A study on suicidal risks in psychiatric adults. International Journal of Biomedical Engineering and Technology, 2011, 5, 390.	0.2	7
35	Mining the risk of heart attack: a comprehensive study. International Journal of Biomedical Engineering and Technology, 2013, 11, 394.	0.2	7
36	Mathematical modelling of doctors' perceptions in the diagnosis of depression: a novel approach. International Journal of Biomedical Engineering and Technology, 2013, 11, 1.	0.2	7

#	ARTICLE	IF	CITATIONS
37	Offline Verification of Hand Written Signature using Adaptive Resonance Theory Net (Type-1). International Journal of Signal Processing Systems, 2013, 1, 17-22.	0.5	7
38	Towards Developing Intelligent Autonomous Systems in Psychiatry: Its Present State and Future Possibilities. Studies in Computational Intelligence, 2010, , 143-166.	0.7	6
39	Studying infant mortality rate: a data mining approach. Health and Technology, 2011, 1, 25-34.	2.1	6
40	DIABETES MELLITUS: ENQUIRY INTO ITS MEDICAL ASPECTS AND BIOENGINEERING OF ITS MONITORING AND REGULATION. Journal of Mechanics in Medicine and Biology, 2012, 12, 1230001.	0.3	6
41	Observation-Prevention Framework of Cardiac Risk Factors: An Indian Study. Journal of Medical Imaging and Health Informatics, 2012, 2, 102-113.	0.2	6
42	An Approach to Model Right Iliac Fossa Pain Using Pain-Only-Parameters for Screening Acute Appendicitis. Journal of Medical Systems, 2012, 36, 1491-1502.	2.2	6
43	Data Overloading in Medical Imaging: Emerging Issues, Challenges and Opportunities in Efficient Data Management. Journal of Medical Imaging and Health Informatics, 2015, 5, 755-764.	0.2	6
44	A framework for crisis management in developing countries. Intelligent Decision Technologies, 2011, 5, 189-199.	0.6	5
45	A Predictive Stressor-Integrated Model of Suicide Risk from One's Birth: A Bayesian Approach. Journal of Medical Imaging and Health Informatics, 2012, 2, 125-131.	0.2	5
46	A Hybrid Expert Tool for the Diagnosis of Depression. Journal of Medical Imaging and Health Informatics, 2013, 3, 42-47.	0.2	5
47	An approach for E-Health system assessment & specification. , 2008, , .		4
48	A Mathematical Model of Suicidal-Intent-Estimation in Adults. American Journal of Biomedical Engineering, 2013, 2, 251-262.	0.9	4
49	Neural Network-Based Diagnostic Tool for Identifying the Factors Responsible for Depression. International Journal of Computational Intelligence and Applications, 2019, 18, .	0.6	3
50	A Study on Linkage-Based Clustering of Adult Depression Data. Journal of Medical Imaging and Health Informatics, 2013, 3, 227-236.	0.2	1
51	Testing Bayesian Classifiers on Adult Depression Data: A Study to Handle Uncertainty Related to Its Grading. Journal of Medical Imaging and Health Informatics, 2013, 3, 607-614.	0.2	1
52	An awareness net collaborative model for schizophrenia management. International Journal of Advanced Intelligence Paradigms, 2013, 5, 217.	0.2	1
53	<sc>VIRDOCD</sc>: A <sc>VIRtual DOctor</sc> to predict dengue fatality. Expert Systems, 2022, 39, e12796.	2.9	1
54	Itraconazole: better choice to treat recurrent vulvovaginal candidoses. Journal of the Indian Medical Association, 2004, 102, 523.	0.2	1

#	ARTICLE	IF	CITATIONS
55	A study on portable functional electrical device for small muscles. , 2010, , .		0
56	Analysis of Body Response to Functional Electrical Stimulation on Hemiplegic Subjects Using Higher Order Spectra. Journal of Medical Imaging and Health Informatics, 2011, 1, 341-349.	0.2	0
57	RECURRENCE QUANTIFICATION ANALYSIS OF BODY RESPONSE TO FUNCTIONAL ELECTRICAL STIMULATION ON HEMIPLEGIC SUBJECTS. Journal of Mechanics in Medicine and Biology, 2012, 12, 1250038.	0.3	0
58	Clinical Decision Support Systems in Mental Health. , 2012, , 321-334.		0
59	An Approach to Identify Regions of Interest in Chest X-Ray Images of COVID-19 Patients and Its Clinical Validation: An Indian Study. Artificial Intelligence Evolution, 0, , 41-53.	0.0	0