Salem A Alyami

List of Publications by Year
in descending order

34 papers	863 citations	623734 14 h-index	526287 27 g-index
40 all docs	40 docs citations	40 times ranked	785 citing authors

#	Article	IF	Citations
1	Cumulative Residual Tsallis Entropy-Based Test of Uniformity and Some New Findings. Mathematics, 2022, 10, 771.	2.2	5
2	Bayesian and Non-Bayesian Estimation of the Nadaraj ahâ€"Haghighi Distribution: Using Progressive Type-1 Censoring Scheme. Mathematics, 2022, 10, 760.	2.2	8
3	On Odd Perks-G Class of Distributions: Properties, Regression Model, Discretization, Bayesian and Non-Bayesian Estimation, and Applications. Symmetry, 2022, 14, 883.	2.2	28
4	Truncated Cauchy Power Weibull-G Class of Distributions: Bayesian and Non-Bayesian Inference Modelling for COVID-19 and Carbon Fiber Data. Mathematics, 2022, 10, 1565.	2.2	28
5	Deep CNN-LSTM With Self-Attention Model for Human Activity Recognition Using Wearable Sensor. IEEE Journal of Translational Engineering in Health and Medicine, 2022, 10, 1-16.	3.7	64
6	Mutual Interdependence of the Physical Parameters Governing the Boundary-Layer Flow of Non-Newtonian Fluids. Applied Sciences (Switzerland), 2022, 12, 5275.	2.5	1
7	Type II Half-Logistic Odd FrÃ©chet Class of Distributions: Statistical Theory and Applications. Symmetry, 2022, 14, 1222.	2.2	7
8	Emotion Recognition From EEG Signal Focusing on Deep Learning and Shallow Learning Techniques. IEEE Access, 2021, 9, 94601-94624.	4.2	77
9	A Deep Convolutional Neural Network Method to Detect Seizures and Characteristic Frequencies Using Epileptic Electroencephalogram (EEG) Data. IEEE Journal of Translational Engineering in Health and Medicine, 2021, 9, 1-12.	3.7	38
10	Clinically Applicable Machine Learning Approaches to Identify Attributes of Chronic Kidney Disease (CKD) for Use in Low-Cost Diagnostic Screening. IEEE Journal of Translational Engineering in Health and Medicine, 2021, 9, 1-11.	3.7	25
11	Inference on a New Lifetime Distribution under Progressive Type II Censoring for a Parallel-Series Structure. Complexity, 2021, 2021, 1-18.	1.6	6
12	Information Measures for Generalized Order Statistics and Their Concomitants under General Framework from Huang-Kotz FGM Bivariate Distribution. Entropy, 2021, 23, 335.	2.2	9
13	Role of Inflammatory Cytokines in COVID-19 Patients: A Review on Molecular Mechanisms, Immune Functions, Immunopathology and Immunomodulatory Drugs to Counter Cytokine Storm. Vaccines, 2021, 9, 436.	4.4	152
14	A Spectral Collocation Technique for Riesz Fractional Chen-Lee-Liu Equation. Journal of Function Spaces, 2021, 2021, 1-9.	0.9	1
15	Machine Learning Approach to Predicting COVID-19 Disease Severity Based on Clinical Blood Test Data: Statistical Analysis and Model Development. JMIR Medical Informatics, 2021, 9, e25884.	2.6	53
16	Integrative Systems Biology Approaches to Identify Potential Biomarkers and Pathways of Cervical Cancer. Journal of Personalized Medicine, 2021, 11, 363.	2.5	9
17	Discovering novel cancer bio-markers in acquired lapatinib resistance using Bayesian methods. Briefings in Bioinformatics, 2021, 22, .	6.5	1
18	Diverse Immunological Factors Influencing Pathogenesis in Patients with COVID-19: A Review on Viral Dissemination, Immunotherapeutic Options to Counter Cytokine Storm and Inflammatory Responses. Pathogens, 2021, 10, 565.	2.8	57

#	Article	IF	Citations
19	Improved Transfer-Learning-Based Facial Recognition Framework to Detect Autistic Children at an Early Stage. Brain Sciences, 2021, 11, 734.	2.3	49
20	Short-Term Prediction of COVID-19 Cases Using Machine Learning Models. Applied Sciences (Switzerland), 2021, 11, 4266.	2.5	48
21	Stem cell therapies and benefaction of somatic cell nuclear transfer cloning in COVID-19 era. Stem Cell Research and Therapy, 2021, 12, 283.	5.5	11
22	System biology and bioinformatics pipeline to identify comorbidities risk association: Neurodegenerative disorder case study. PLoS ONE, 2021, 16, e0250660.	2.5	4
23	Vulnerability in Deep Transfer Learning Models to Adversarial Fast Gradient Sign Attack for COVID-19 Prediction from Chest Radiography Images. Applied Sciences (Switzerland), 2021, 11, 4233.	2.5	23
24	Designing a multi-epitope vaccine candidate to combat MERS-CoV by employing an immunoinformatics approach. Scientific Reports, 2021, 11, 15431.	3.3	43
25	Fractional Entropy-Based Test of Uniformity with Power Comparisons. Journal of Mathematics, 2021, 2021, 1-7.	1.0	6
26	Structural and Functional Elucidation of IF-3 Protein of Chloroflexus aurantiacus Involved in Protein Biosynthesis: An In Silico Approach. BioMed Research International, 2021, 2021, 1-10.	1.9	5
27	Diagnosis of hearing deficiency using EEG based AEP signals: CWT and improved-VGG16 pipeline. PeerJ Computer Science, 2021, 7, e638.	4.5	7
28	Legendre-Chebyshev spectral collocation method for two-dimensional nonlinear reaction-diffusion equation with Riesz space-fractional. Chaos, Solitons and Fractals, 2021, 151, 111279.	5.1	13
29	Network-based transcriptomic analysis identifies the genetic effect of COVID-19 to chronic kidney disease patients: A bioinformatics approach. Saudi Journal of Biological Sciences, 2021, 28, 5647-5656.	3.8	12
30	A Human-Robot Interaction System Calculating Visual Focus of Human's Attention Level. IEEE Access, 2021, 9, 93409-93421.	4.2	28
31	Attribute Driven Temporal Active Online Community Search. IEEE Access, 2021, 9, 93976-93989.	4.2	6
32	Inference for the Two Parameter Reduced Kies Distribution under Progressive Type-II Censoring. Mathematics, 2020, 8, 1997.	2.2	4
33	Uniform Sampling of Directed and Undirected Graphs Conditional on Vertex Connectivity. Electronic Notes in Discrete Mathematics, 2016, 53, 43-55.	0.4	0
34	The neighborhood MCMC sampler for learning Bayesian networks. Proceedings of SPIE, 2016, , .	0.8	1