Salem A Alyami

List of Publications by Year
in descending order

34 papers	863 citations	623188 14 h-index	525886 27 g-index
40 all docs	40 docs citations	40 times ranked	785 citing authors

#	Article	IF	Citations
1	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.	2.1	152
2	Emotion Recognition From EEG Signal Focusing on Deep Learning and Shallow Learning Techniques. IEEE Access, 2021, 9, 94601-94624.	2.6	77
3	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.	2.2	64
4	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.	1.2	57
5	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.	1.3	53
6	Improved Transfer-Learning-Based Facial Recognition Framework to Detect Autistic Children at an Early Stage. Brain Sciences, 2021, 11, 734.	1.1	49
7	Short-Term Prediction of COVID-19 Cases Using Machine Learning Models. Applied Sciences (Switzerland), 2021, 11, 4266.	1.3	48
8	Designing a multi-epitope vaccine candidate to combat MERS-CoV by employing an immunoinformatics approach. Scientific Reports, 2021, 11, 15431.	1.6	43
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.	2.2	38
10	A Human-Robot Interaction System Calculating Visual Focus of Human's Attention Level. IEEE Access, 2021, 9, 93409-93421.	2.6	28
11	On Odd Perks-G Class of Distributions: Properties, Regression Model, Discretization, Bayesian and Non-Bayesian Estimation, and Applications. Symmetry, 2022, 14, 883.	1.1	28
12	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.	1.1	28
13	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.	2.2	25
14	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.	1.3	23
15	Legendre-Chebyshev spectral collocation method for two-dimensional nonlinear reaction-diffusion equation with Riesz space-fractional. Chaos, Solitons and Fractals, 2021, 151, 111279.	2.5	13
16	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.	1.8	12
17	Stem cell therapies and benefaction of somatic cell nuclear transfer cloning in COVID-19 era. Stem Cell Research and Therapy, 2021, 12, 283.	2.4	11
18	Information Measures for Generalized Order Statistics and Their Concomitants under General Framework from Huang-Kotz FGM Bivariate Distribution. Entropy, 2021, 23, 335.	1.1	9

#	Article	IF	Citations
19	Integrative Systems Biology Approaches to Identify Potential Biomarkers and Pathways of Cervical Cancer. Journal of Personalized Medicine, 2021, 11, 363.	1.1	9
20	Bayesian and Non-Bayesian Estimation of the Nadaraj ahâ€"Haghighi Distribution: Using Progressive Type-1 Censoring Scheme. Mathematics, 2022, 10, 760.	1.1	8
21	Diagnosis of hearing deficiency using EEG based AEP signals: CWT and improved-VGG16 pipeline. PeerJ Computer Science, 2021, 7, e638.	2.7	7
22	Type II Half-Logistic Odd FrÃ©chet Class of Distributions: Statistical Theory and Applications. Symmetry, 2022, 14, 1222.	1.1	7
23	Inference on a New Lifetime Distribution under Progressive Type II Censoring for a Parallel-Series Structure. Complexity, 2021, 2021, 1-18.	0.9	6
24	Fractional Entropy-Based Test of Uniformity with Power Comparisons. Journal of Mathematics, 2021, 2021, 1-7.	0.5	6
25	Attribute Driven Temporal Active Online Community Search. IEEE Access, 2021, 9, 93976-93989.	2.6	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.	0.9	5
27	Cumulative Residual Tsallis Entropy-Based Test of Uniformity and Some New Findings. Mathematics, 2022, 10, 771.	1.1	5
28	Inference for the Two Parameter Reduced Kies Distribution under Progressive Type-II Censoring. Mathematics, 2020, 8, 1997.	1.1	4
29	System biology and bioinformatics pipeline to identify comorbidities risk association: Neurodegenerative disorder case study. PLoS ONE, 2021, 16, e0250660.	1.1	4
30	The neighborhood MCMC sampler for learning Bayesian networks. Proceedings of SPIE, 2016, , .	0.8	1
31	A Spectral Collocation Technique for Riesz Fractional Chen-Lee-Liu Equation. Journal of Function Spaces, 2021, 2021, 1-9.	0.4	1
32	Discovering novel cancer bio-markers in acquired lapatinib resistance using Bayesian methods. Briefings in Bioinformatics, 2021, 22, .	3.2	1
33	Mutual Interdependence of the Physical Parameters Governing the Boundary-Layer Flow of Non-Newtonian Fluids. Applied Sciences (Switzerland), 2022, 12, 5275.	1.3	1
34	Uniform Sampling of Directed and Undirected Graphs Conditional on Vertex Connectivity. Electronic Notes in Discrete Mathematics, 2016, 53, 43-55.	0.4	0