

# Salem A Alyami

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Cumulative Residual Tsallis Entropy-Based Test of Uniformity and Some New Findings. <i>Mathematics</i> , 2022, 10, 771.	1.1	5
2	Bayesian and Non-Bayesian Estimation of the Nadarajah-Haghighi Distribution: Using Progressive Type-1 Censoring Scheme. <i>Mathematics</i> , 2022, 10, 760.	1.1	8
3	On Odd Perks-G Class of Distributions: Properties, Regression Model, Discretization, Bayesian and Non-Bayesian Estimation, and Applications. <i>Symmetry</i> , 2022, 14, 883.	1.1	28
4	Truncated Cauchy Power Weibull-G Class of Distributions: Bayesian and Non-Bayesian Inference Modelling for COVID-19 and Carbon Fiber Data. <i>Mathematics</i> , 2022, 10, 1565.	1.1	28
5	Deep CNN-LSTM With Self-Attention Model for Human Activity Recognition Using Wearable Sensor. <i>IEEE Journal of Translational Engineering in Health and Medicine</i> , 2022, 10, 1-16.	2.2	64
6	Mutual Interdependence of the Physical Parameters Governing the Boundary-Layer Flow of Non-Newtonian Fluids. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 5275.	1.3	1
7	Type II Half-Logistic Odd Fr�chet Class of Distributions: Statistical Theory and Applications. <i>Symmetry</i> , 2022, 14, 1222.	1.1	7
8	Emotion Recognition From EEG Signal Focusing on Deep Learning and Shallow Learning Techniques. <i>IEEE Access</i> , 2021, 9, 94601-94624.	2.6	77
9	A Deep Convolutional Neural Network Method to Detect Seizures and Characteristic Frequencies Using Epileptic Electroencephalogram (EEG) Data. <i>IEEE Journal of Translational Engineering in Health and Medicine</i> , 2021, 9, 1-12.	2.2	38
10	Clinically Applicable Machine Learning Approaches to Identify Attributes of Chronic Kidney Disease (CKD) for Use in Low-Cost Diagnostic Screening. <i>IEEE Journal of Translational Engineering in Health and Medicine</i> , 2021, 9, 1-11.	2.2	25
11	Inference on a New Lifetime Distribution under Progressive Type II Censoring for a Parallel-Series Structure. <i>Complexity</i> , 2021, 2021, 1-18.	0.9	6
12	Information Measures for Generalized Order Statistics and Their Concomitants under General Framework from Huang-Kotz FGM Bivariate Distribution. <i>Entropy</i> , 2021, 23, 335.	1.1	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. <i>Vaccines</i> , 2021, 9, 436.	2.1	152
14	A Spectral Collocation Technique for Riesz Fractional Chen-Lee-Liu Equation. <i>Journal of Function Spaces</i> , 2021, 2021, 1-9.	0.4	1
15	Machine Learning Approach to Predicting COVID-19 Disease Severity Based on Clinical Blood Test Data: Statistical Analysis and Model Development. <i>JMIR Medical Informatics</i> , 2021, 9, e25884.	1.3	53
16	Integrative Systems Biology Approaches to Identify Potential Biomarkers and Pathways of Cervical Cancer. <i>Journal of Personalized Medicine</i> , 2021, 11, 363.	1.1	9
17	Discovering novel cancer bio-markers in acquired lapatinib resistance using Bayesian methods. <i>Briefings in Bioinformatics</i> , 2021, 22, .	3.2	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. <i>Pathogens</i> , 2021, 10, 565.	1.2	57

#	ARTICLE	IF	CITATIONS
19	Improved Transfer-Learning-Based Facial Recognition Framework to Detect Autistic Children at an Early Stage. <i>Brain Sciences</i> , 2021, 11, 734.	1.1	49
20	Short-Term Prediction of COVID-19 Cases Using Machine Learning Models. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4266.	1.3	48
21	Stem cell therapies and benefaction of somatic cell nuclear transfer cloning in COVID-19 era. <i>Stem Cell Research and Therapy</i> , 2021, 12, 283.	2.4	11
22	System biology and bioinformatics pipeline to identify comorbidities risk association: Neurodegenerative disorder case study. <i>PLoS ONE</i> , 2021, 16, e0250660.	1.1	4
23	Vulnerability in Deep Transfer Learning Models to Adversarial Fast Gradient Sign Attack for COVID-19 Prediction from Chest Radiography Images. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4233.	1.3	23
24	Designing a multi-epitope vaccine candidate to combat MERS-CoV by employing an immunoinformatics approach. <i>Scientific Reports</i> , 2021, 11, 15431.	1.6	43
25	Fractional Entropy-Based Test of Uniformity with Power Comparisons. <i>Journal of Mathematics</i> , 2021, 2021, 1-7.	0.5	6
26	Structural and Functional Elucidation of IF-3 Protein of <i>Chloroflexus aurantiacus</i> Involved in Protein Biosynthesis: An In Silico Approach. <i>BioMed Research International</i> , 2021, 2021, 1-10.	0.9	5
27	Diagnosis of hearing deficiency using EEG based AEP signals: CWT and improved-VGG16 pipeline. <i>PeerJ Computer Science</i> , 2021, 7, e638.	2.7	7
28	Legendre-Chebyshev spectral collocation method for two-dimensional nonlinear reaction-diffusion equation with Riesz space-fractional. <i>Chaos, Solitons and Fractals</i> , 2021, 151, 111279.	2.5	13
29	Network-based transcriptomic analysis identifies the genetic effect of COVID-19 to chronic kidney disease patients: A bioinformatics approach. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 5647-5656.	1.8	12
30	A Human-Robot Interaction System Calculating Visual Focus of Human's Attention Level. <i>IEEE Access</i> , 2021, 9, 93409-93421.	2.6	28
31	Attribute Driven Temporal Active Online Community Search. <i>IEEE Access</i> , 2021, 9, 93976-93989.	2.6	6
32	Inference for the Two Parameter Reduced Kies Distribution under Progressive Type-II Censoring. <i>Mathematics</i> , 2020, 8, 1997.	1.1	4
33	Uniform Sampling of Directed and Undirected Graphs Conditional on Vertex Connectivity. <i>Electronic Notes in Discrete Mathematics</i> , 2016, 53, 43-55.	0.4	0
34	The neighborhood MCMC sampler for learning Bayesian networks. <i>Proceedings of SPIE</i> , 2016, , .	0.8	1