

Muhammad Shahzad

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/220165/publications.pdf>

Version: 2024-02-01

37
papers

600
citations

687363

13
h-index

642732

23
g-index

38
all docs

38
docs citations

38
times ranked

509
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical solution of fractional order smoking model via laplace Adomian decomposition method. AEJ - Alexandria Engineering Journal, 2018, 57, 1061-1069.	6.4	108
2	The Michaelis-Menten-Stueckelberg Theorem. Entropy, 2011, 13, 966-1019.	2.2	54
3	An Energy Management System of Campus Microgrids: State-of-the-Art and Future Challenges. Energies, 2021, 14, 6525.	3.1	51
4	Load Frequency Control (LFC) Strategies in Renewable Energy-Based Hybrid Power Systems: A Review. Energies, 2022, 15, 3488.	3.1	42
5	Sustainable Solutions for Advanced Energy Management System of Campus Microgrids: Model Opportunities and Future Challenges. Sensors, 2022, 22, 2345.	3.8	40
6	A quantitative and qualitative analysis of the COVID-19 pandemic model. Chaos, Solitons and Fractals, 2020, 138, 109932.	5.1	37
7	Immunomodulatory effect of thymoquinone on atopic dermatitis. Molecular Immunology, 2018, 101, 276-283.	2.2	28
8	The reaction routes comparison with respect to slow invariant manifold and equilibrium points. AIP Advances, 2019, 9, .	1.3	27
9	Review of the DC voltage coordinated control strategies for multi-terminal VSC-MVDC distribution network. Journal of Engineering, 2019, 2019, 1462-1468.	1.1	22
10	Numerical Analysis of Fractional Order Epidemic Model of Childhood Diseases. Discrete Dynamics in Nature and Society, 2017, 2017, 1-7.	0.9	21
11	Probabilistic Computational Model for Correlated Wind Farms Using Copula Theory. IEEE Access, 2018, 6, 14179-14187.	4.2	20
12	Optimal Scheduling of Demand Side Load Management of Smart Grid Considering Energy Efficiency. Frontiers in Energy Research, 0, 10, .	2.3	19
13	Follicular dynamics, estrous response and pregnancy rate following GnRH and progesterone priming with or without eCG during non-breeding season in anestrus Beetal goats. Small Ruminant Research, 2020, 182, 73-77.	1.2	16
14	Zinc and iron complexes of oleanolic acid, (OA) attenuate allergic airway inflammation in rats. Inflammopharmacology, 2019, 27, 1179-1192.	3.9	15
15	Effect of plasma progesterone on oocyte recovery, oocyte quality, and early in-vitro developmental competence of embryos in Bos indicus dairy cows. Animal Reproduction Science, 2019, 202, 80-86.	1.5	15
16	On $\left(\text{varvec{\alpha}, \eta} \right) \hat{\pm}, \hat{1}^2$ -fuzzy KU-ideals of KU-algebras. Afrika Matematika, 2015, 26, 651-661.	0.8	11
17	Structural Properties of Cubic Sets in Regular LA-semihypergroups. Fuzzy Information and Engineering, 2017, 9, 93-116.	1.7	11
18	Genetic association of insulin receptor substrate-1 (IRS-1, rs1801278) gene with insulin resistant of type 2 diabetes mellitus in a Pakistani population. Molecular Biology Reports, 2019, 46, 6065-6070.	2.3	10

#	ARTICLE	IF	CITATIONS
19	Association of genetic polymorphism of <i>PCSK1</i> gene (rs1044498 Lys121Gln) with insulin-resistant type 2 diabetes mellitus in Punjabi Population of Pakistan. <i>Molecular Genetics & Genomic Medicine</i> , 2019, 7, e775.	1.2	7
20	Follicular dynamics and changes in oestradiol ^{17β} , progesterone and LH profiles following PGF2 ^{1±} -induced oestrus in early and late ovulating Beetal goats. <i>Reproduction in Domestic Animals</i> , 2019, 54, 545-550.	1.4	7
21	The probabilistic load flow analysis by considering uncertainty with correlated loads and photovoltaic generation using Copula theory. <i>AIMS Energy</i> , 2018, 6, 414-435.	1.9	7
22	Computational Analysis of Complex Population Dynamical Model with Arbitrary Order. <i>Complexity</i> , 2018, 2018, 1-8.	1.6	6
23	Dietary Moringa oleifera Alters Periparturient Plasma and Milk Biochemical Indicators and Promotes Productive Performance in Goats. <i>Frontiers in Veterinary Science</i> , 2021, 8, 787719.	2.2	6
24	Small-signal stability analysis for the multi-terminal VSC MVDC distribution network; a review. <i>Journal of Engineering</i> , 2019, 2019, 1068-1075.	1.1	5
25	Fuzzy soft set over a fuzzy topological space. <i>International Journal of Machine Learning and Cybernetics</i> , 2016, 7, 491-499.	3.6	3
26	Voltage and transient stability analysis in Bangladesh's power system network (BPSN). , 2017, , .		2
27	Probabilistic analysis of payback period for AC-DC transmission and distribution asset expansion projects. <i>Journal of Engineering</i> , 2019, 2019, 680-685.	1.1	2
28	Probabilistic Analysis To Analyze Uncertainty Incorporating Copula Theory. <i>Journal of Electrical Engineering and Technology</i> , 2022, 17, 61-71.	2.0	2
29	Effective Classification Algorithms and Feature Selection for Bio-Medical Data using IoT. , 2020, , .		2
30	Thermal Effects on MHD Unsteady Newtonian Fluid Flow Over a Stretching Sheet. <i>Journal of Nanofluids</i> , 2018, 7, 704-710.	2.7	1
31	Impact of Renewable Energy Sources as Co-generation Plant on Power System Network. <i>DEStech Transactions on Environment Energy and Earth Science</i> , 2018, , .	0.0	1
32	Probabilistic Load Flow Analysis of Power System Network Considering Uncertainty with Generation and Correlated Loads. <i>International Journal of Simulation: Systems, Science and Technology</i> , 0, , .	0.0	1
33	Flavonoid enriched supplementation abrogates prenatal stress and enhances goat kids performance reared in a sub-tropical environment. <i>Research in Veterinary Science</i> , 2022, 146, 70-79.	1.9	1
34	Refinements and Generalizations of Functional Dresher's and Bellman's Inequalities. <i>Abstract and Applied Analysis</i> , 2015, 2015, 1-10.	0.7	0
35	Probabilistic Power Flow Model for the Uncertainty Analysis of Wind Energy and Loads. , 2018, , .		0
36	Erratum to "Numerical Analysis of Fractional Order Epidemic Model of Childhood Diseases". <i>Discrete Dynamics in Nature and Society</i> , 2018, 2018, 1-1.	0.9	0

#	ARTICLE	IF	CITATIONS
37	Comparative Study of Reactive Power Compensator Methods for Integration of Renewable Energy Sources. DEStech Transactions on Environment Energy and Earth Science, 2018, , .	0.0	0