Hoang Viet Long

List of Publications by Citations

65 papers	895 citations	20 h-index	28 g-index
68 ext. papers	1,198 ext. citations	2.5 avg, IF	5.27 L-index

#	Paper	IF	Citations
65	A Hybrid Artificial Intelligence and Internet of Things Model for Generation of Renewable Resource of Energy. *IEEE Access*, **2019**, 7, 111181-111191	3.5	70
64	The solvability of fuzzy fractional partial differential equations under Caputo gH-differentiability. *Fuzzy Sets and Systems*, **2017**, 309, 35-63	3.7	54
63	A Novel and Comprehensive Trust Estimation Clustering Based Approach for Large Scale Wireless Sensor Networks. *IEEE Access*, **2019**, 7, 58221-58240	3.5	54
62	. *IEEE Access*, **2019**, 7, 61840-61855	3.5	51
61	Performance evaluation of Botnet DDoS attack detection using machine learning. *Evolutionary Intelligence*, **2020**, 13, 283-294	1.7	47
60	A novel approach for fuzzy clustering based on neutrosophic association matrix. *Computers and Industrial Engineering*, **2019**, 127, 687-697	6.4	38
59	Neutrosophic image segmentation with Dice Coefficients. *Measurement: Journal of the International Measurement Confederation*, **2019**, 134, 762-772	4.6	32
58	A novel group decision making model based on neutrosophic sets for heart disease diagnosis. *Multimedia Tools and Applications*, **2020**, 79, 9977-10002	2.5	31
57	Ulam Stability for Fractional Partial Integro-Differential Equation with Uncertainty. *Acta Mathematica Vietnamica*, **2017**, 42, 675-700	0.6	30
56	New approach for studying nonlocal problems related to differential systems and partial differential equations in generalized fuzzy metric spaces. *Fuzzy Sets and Systems*, **2018**, 331, 26-46	3.7	28
55	Assessment of Code Smell for Predicting Class Change Proneness Using Machine Learning. *IEEE Access*, **2019**, 7, 37414-37425	3.5	27
54	Fuzzy minimum spanning tree with interval type 2 fuzzy arc length: formulation and a new genetic algorithm. *Soft Computing*, **2020**, 24, 3963-3974	3.5	27
53	Linguistic Approaches to Interval Complex Neutrosophic Sets in Decision Making. *IEEE Access*, **2019**, 7, 38902-38917	3.5	25
52	Linear quadratic regulator problem governed by granular neutrosophic fractional differential equations. *ISA Transactions*, **2020**, 97, 296-316	5.5	25
51	Optimal control of a fractional order model for granular SEIR epidemic with uncertainty. *Communications in Nonlinear Science and Numerical Simulation*, **2020**, 88, 105312	3.7	23
50	Global existence of solutions to fuzzy partial hyperbolic functional differential equations with generalized Hukuhara derivatives. *Journal of Intelligent and Fuzzy Systems*, **2015**, 29, 939-954	1.6	22
49	On random fuzzy fractional partial integro-differential equations under Caputo generalized Hukuhara differentiability. *Computational and Applied Mathematics*, **2018**, 37, 2738-2765		21

48	Prediction of Air Pollution Index in Kuala Lumpur using fuzzy time series and statistical models. *Air Quality, Atmosphere and Health*, **2020**, 13, 77-88	5.6	21
47	Towards granular calculus of single-valued neutrosophic functions under granular computing. *Multimedia Tools and Applications*, **2020**, 79, 16845-16881	2.5	21
46	Modified zone based intrusion detection system for security enhancement in mobile ad hoc networks. *Wireless Networks*, **2020**, 26, 1275-1289	2.5	21
45	A Novel Neutrosophic Data Analytic Hierarchy Process for Multi-Criteria Decision Making Method: A Case Study in Kuala Lumpur Stock Exchange. *IEEE Access*, **2019**, 7, 53687-53697	3.5	20
44	An extension of Krasnoselskii fixed point theorem and its application to nonlocal problems for implicit fractional differential systems with uncertainty. *Journal of Fixed Point Theory and Applications*, **2018**, 20, 1	1.4	19
43	A foundation on semigroups of operators defined on the set of triangular fuzzy numbers and its application to fuzzy fractional evolution equations. *Fuzzy Sets and Systems*, **2018**, 347, 1-28	3.7	18
42	A Hybrid Action-Related K-Nearest Neighbour (HAR-KNN) Approach for Recommendation Systems. *IEEE Access*, **2020**, 8, 90978-90991	3.5	16
41	On the Stabilizability for a Class of Linear Time-Invariant Systems Under Uncertainty. *Circuits, Systems, and Signal Processing*, **2020**, 39, 919-960	2.2	14
40	Fuzzy delay differential equations under granular differentiability with applications. *Computational and Applied Mathematics*, **2019**, 38, 1	2.4	13
39	An Internet of Things assisted Unmanned Aerial Vehicle based artificial intelligence model for rice pest detection. *Microprocessors and Microsystems*, **2021**, 80, 103607	2.4	11
38	A study of m-polar neutrosophic graph with applications. *Journal of Intelligent and Fuzzy Systems*, **2020**, 38, 4809-4828	1.6	10
37	Some Generalizations of Fixed Point Theorems in Partially Ordered Metric Spaces and Applications to Partial Differential Equations with Uncertainty. *Vietnam Journal of Mathematics*, **2018**, 46, 531-555	0.5	10
36	A New Approach for Construction of Geodemographic Segmentation Model and Prediction Analysis. *Computational Intelligence and Neuroscience*, **2019**, 2019, 9252837	3	8
35	A new method to classify malicious domain name using neutrosophic sets in DGA botnet detection. *Journal of Intelligent and Fuzzy Systems*, **2020**, 38, 4223-4236	1.6	8
34	Knowledge-based preference learning model for recommender system using adaptive neuro-fuzzy inference system. *Journal of Intelligent and Fuzzy Systems*, **2020**, 39, 4651-4665	1.6	8
33	A new enhanced cyber security framework for medical cyber physical systems. *Software-Intensive Cyber-Physical Systems*,1	1.4	8
32	Heuristic Search Based Localization in Mobile Computational Grid. *IEEE Access*, **2019**, 7, 78652-78664	3.5	7
31	An Effective Congestion Control Scheme for MANET with Relative Traffic Link Matrix Routing. *Arabian Journal for Science and Engineering*, **2020**, 45, 6171-6181	2.5	6

30	A Novel Dynamic Multi-Criteria Decision Making Method Based on Generalized Dynamic Interval-Valued Neutrosophic Set. *Symmetry*, **2020**, 12, 618	2.7	6
29	Bi-heuristic ant colony optimization-based approaches for traveling salesman problem. *Soft Computing*, **2021**, 25, 3775-3794	3.5	6
28	ITFDS: Channel-Aware Integrated Time and Frequency-Based Downlink LTE Scheduling in MANET. *Sensors*, **2020**, 20,	3.8	5
27	Fractional calculus of linear correlated fuzzy-valued functions related to Fréchet differentiability. *Fuzzy Sets and Systems*, **2021**, 419, 35-66	3.7	5
26	A genetic algorithm for total graph coloring. *Journal of Intelligent and Fuzzy Systems*, **2019**, 37, 7831-7838	1.6	4
25	On the Statistical GARCH Model for Managing the Risk by Employing a Fat-Tailed Distribution in Finance. *Symmetry*, **2020**, 12, 1698	2.7	4
24	On Goursat problem for fuzzy delay fractional hyperbolic partial differential equations. *Journal of Intelligent and Fuzzy Systems*, **2019**, 36, 6295-6306	1.6	3
23	An efficient algorithm and tool for detecting dangerous website vulnerabilities. *International Journal of Web and Grid Services*, **2020**, 16, 81	1.4	3
22	The fuzzy fractional SIQR model of computer virus propagation in wireless sensor network using Caputo Atangana–Baleanu derivatives. *Fuzzy Sets and Systems*, **2021**, 429, 28-28	3.7	2
21	Compression based clustering technique for enhancing accuracy in web scale videos. *Multimedia Tools and Applications*, **2021**, 80, 7077-7101	2.5	2
20	On Z-fractional differential equations. *International Journal of Computer Mathematics*, 1-0	1.2	1
19	On Detecting and Classifying DGA Botnets and their Families. *Computers and Security*, **2022**, 113, 102549	4.9	1
18	Complete controllability for a class of fractional evolution equations with uncertainty. *Evolution Equations and Control Theory*, **2020**,	2	1
17	New expected impact functions and algorithms for modeling games under soft sets. *Journal of Intelligent and Fuzzy Systems*, **2020**, 39, 4463-4472	1.6	1
16	On the semigroup approach to the interval-valued differential evolution equations. *Rendiconti Del Circolo Matematico Di Palermo*, **2020**, 69, 883-910	0.5	1
15	A novel Z-source boost derived hybrid converter for PV applications. *Analog Integrated Circuits and Signal Processing*, **2021**, 109, 283	1.2	1
14	An Effective Traceback Network Attack Procedure for Source Address Verification. *Wireless Personal Communications*, **2021**, 118, 1675-1696	1.9	1
13	Efficient Algorithms for Dynamic Incomplete Decision Systems. *International Journal of Data Warehousing and Mining*, **2021**, 17, 44-67	1	1

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12	Compressive sensing based routing and data reconstruction scheme for IoT based WSNs. *Journal of Intelligent and Fuzzy Systems*, **2021**, 41, 19-35	1.6	1
11	An Intrusion Detection and Prevention Protocol for Internet of Things Based Wireless Sensor Networks. *Wireless Personal Communications*,1	1.9	1
10	Modified grasshopper optimization algorithm optimized adaptive fuzzy lead-lag controller for coordinated design of FACTS controller with PSS. *Journal of Intelligent and Fuzzy Systems*, **2022**, 1-20	1.6	1
9	Adaptive beam formation and channel allocation using substance near multicast protocol and CS-iEHO. *Soft Computing*, **2021**, 25, 4663-4676	3.5	0
8	Uncertain Fractional Evolution Equations with Non-Lipschitz Conditions Using the Condensing Mapping Approach. *Acta Mathematica Vietnamica*,1	0.6	0
7	Communicable disease pandemic: a simulation model based on community transmission and social distancing. *Soft Computing*, **2021**, 1-11	3.5	0
6	A New Continuous-Discrete Fuzzy Model and Its Application in Finance. *Mathematics*, **2020**, 8, 1808	2.3	
5	Stability and monotony dependence of second-order fuzzy functional systems in partially ordered metric spaces. *Journal of Intelligent and Fuzzy Systems*, **2020**, 39, 2597-2610	1.6	
4	Multi-Wavelets Galerkin Method for Solving the System of Volterra Integral Equations. *Mathematics*, **2020**, 8, 1369	2.3	
3	Complete Controllability of Fuzzy Fractional Evolutions Equation Under Fréchet Derivative in Linear Correlated Fuzzy Spaces. *Studies in Fuzziness and Soft Computing*, **2022**, 81-114	0.7	
2	Detection of tyre defects using weighted quality-based convolutional neural network. *Soft Computing*, **2022**, 26, 4261-4273	3.5	
1	The dynamical behaviors of fractional-order SE1E2IQR epidemic model for malware propagation on Wireless Sensor Network. *Communications in Nonlinear Science and Numerical Simulation*, **2022**, 111, 106428	3.7	