Van-Huy Pham

List of Publications by Year
in descending order

63 papers	**1,188** citations	471477 **17** h-index	414395 **32** g-index
65 all docs	**65** docs citations	**65** times ranked	**1526** citing authors

#	Article	IF	Citations
1	An update on physical health and economic consequences of overweight and obesity. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2018, 12, 1095-1100.	3.6	124
2	Adipose Tissue Stem Cells for Therapy: An Update on the Progress of Isolation, Culture, Storage, and Clinical Application. Journal of Clinical Medicine, 2019, 8, 917.	2.4	106
3	An update on obesity: Mental consequences and psychological interventions. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2019, 13, 155-160.	3.6	100
4	An Update on the Progress of Isolation, Culture, Storage, and Clinical Application of Human Bone Marrow Mesenchymal Stem/Stromal Cells. International Journal of Molecular Sciences, 2020, 21, 708.	4.1	92
5	The Effects of Adipocytes on the Regulation of Breast Cancer in the Tumor Microenvironment: An Update. Cells, 2019, 8, 857.	4.1	75
6	An image segmentation approach for fruit defect detection using k-means clustering and graph-based algorithm. Vietnam Journal of Computer Science, 2015, 2, 25-33.	1.2	70
7	An Update on Anti-CD137 Antibodies in Immunotherapies for Cancer. International Journal of Molecular Sciences, 2019, 20, 1822.	4.1	66
8	XGBoost-Based Framework for Smoking-Induced Noncommunicable Disease Prediction. International Journal of Environmental Research and Public Health, 2020, 17, 6513.	2.6	50
9	The effects of green tea on lipid metabolism and its potential applications for obesity and related metabolic disorders - An existing update. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2019, 13, 1667-1673.	3.6	40
10	HGPEC: a Cytoscape app for prediction of novel disease-gene and disease-disease associations and evidence collection based on a random walk on heterogeneous network. BMC Systems Biology, 2017, 11, 61.	3.0	29
11	Unsupervised Anomaly Detection Approach for Time-Series in Multi-Domains Using Deep Reconstruction Error. Symmetry, 2020, 12, 1251.	2.2	29
12	Front-view car detection and counting with occlusion in dense traffic flow. International Journal of Control, Automation and Systems, 2015, 13, 1150-1160.	2.7	24
13	Drug Response Prediction by Globally Capturing Drug and Cell Line Information in a Heterogeneous Network. Journal of Molecular Biology, 2018, 430, 2993-3004.	4.2	24
14	A Comparative Analysis of Machine Learning Methods for Class Imbalance in a Smoking Cessation Intervention. Applied Sciences (Switzerland), 2020, 10, 3307.	2.5	23
15	School education and childhood obesity: A systemic review. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2019, 13, 2495-2501.	3.6	21
16	Explainable Artificial Intelligence Based Framework for Non-Communicable Diseases Prediction. IEEE Access, 2021, 9, 123672-123688.	4.2	20
17	An Efficient Prediction Method for Coronary Heart Disease Risk Based on Two Deep Neural Networks Trained on Well-Ordered Training Datasets. IEEE Access, 2021, 9, 135210-135223.	4.2	20
18	Context-Similarity Collaborative Filtering Recommendation. IEEE Access, 2020, 8, 33342-33351.	4.2	18

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19	Vietnamese Herbal Plant Recognition Using Deep Convolutional Features. International Journal of Machine Learning and Computing, 2019, 9, 363-367.	0.6	17
20	Design and evaluation of features and classifiers for OLED panel defect recognition in machine vision. Journal of Information and Telecommunication, 2017, 1, 334-350.	2.8	16
21	Random walks on mutual microRNA-target gene interaction network improve the prediction of disease-associated microRNAs. BMC Bioinformatics, 2017, 18, 479.	2.6	15
22	Deep Feature Extraction for Panoramic Image Stitching. Lecture Notes in Computer Science, 2020, , 141-151.	1.3	13
23	Socioeconomic Inequalities in the HIV Testing during Antenatal Care in Vietnamese Women. International Journal of Environmental Research and Public Health, 2019, 16, 3240.	2.6	12
24	Simplified Neural Network Model Design with Sensitivity Analysis and Electricity Consumption Prediction in a Commercial Building. Energies, 2019, 12, 1201.	3.1	12
25	Improving Traffic Signs Recognition Based Region Proposal and Deep Neural Networks. Lecture Notes in Computer Science, 2018, , 604-613.	1.3	11
26	The possible zoonotic diseases transferring from pig to human in Vietnam. European Journal of Clinical Microbiology and Infectious Diseases, 2019, 38, 1003-1014.	2.9	10
27	Zoonotic diseases from birds to humans in Vietnam: possible diseases and their associated risk factors. European Journal of Clinical Microbiology and Infectious Diseases, 2019, 38, 1047-1058.	2.9	10
28	A Novel Single Valued Neutrosophic Hesitant Fuzzy Time Series Model: Applications in Indonesian and Argentinian Stock Index Forecasting. IEEE Access, 2020, 8, 60126-60141.	4.2	10
29	Deep Learning for Vietnamese Sign Language Recognition in Video Sequence. International Journal of Machine Learning and Computing, 2019, 9, 440-445.	0.6	10
30	On some inverse 1-center location problems. Optimization, 2019, 68, 999-1015.	1.7	9
31	Conventional digital subtractional vs non-invasive MR angiography in the assessment of brain arteriovenous malformation. Clinical Neurology and Neurosurgery, 2018, 169, 29-33.	1.4	8
32	Inverse 1-median problem on trees under mixed rectilinear and Chebyshev norms. Theoretical Computer Science, 2019, 795, 119-127.	0.9	8
33	Class-Incremental Learning With Deep Generative Feature Replay for DNA Methylation-Based Cancer Classification. IEEE Access, 2020, 8, 210800-210815.	4.2	8
34	Distributed Framework for Automating Opinion Discretization From Text Corpora on Facebook. IEEE Access, 2019, 7, 78675-78684.	4.2	7
35	Zika virus in Vietnam, Laos, and Cambodia: are there health risks for travelers?. European Journal of Clinical Microbiology and Infectious Diseases, 2019, 38, 1585-1590.	2.9	7
36	Neural-Network-Based Building Energy Consumption Prediction with Training Data Generation. Processes, 2019, 7, 731.	2.8	6

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37	Personal Identification Based on Deep Learning Technique Using Facial Images for Intelligent Surveillance Systems. International Journal of Machine Learning and Computing, 2019, 9, 465-470.	0.6	6
38	CNN-Based Character Recognition for License Plate Recognition System. Lecture Notes in Computer Science, 2018, , 594-603.	1.3	6
39	NEW VEHICLE DETECTION ALGORITHM USING SYMMETRY SEARCH AND GA-BASED SVM. International Journal of Pattern Recognition and Artificial Intelligence, 2013, 27, 1355003.	1.2	5
40	Analysis of Public Complaints to Identify Priority Policy Areas: Evidence from a Satellite City around Seoul. Sustainability, 2019, 11, 6140.	3.2	5
41	Recurrent Neural Network-Augmented Locally Adaptive Interpretable Regression for Multivariate Time-Series Forecasting. IEEE Access, 2022, 10, 11871-11885.	4.2	5
42	Discovering Thematically Coherent Biomedical Documents Using Contextualized Bidirectional Encoder Representations from Transformers-Based Clustering. International Journal of Environmental Research and Public Health, 2022, 19, 5893.	2.6	5
43	Encoded Communication Based on Sonar and Ultrasonic Sensor in Motion Planning. , 2018, , .		4
44	Value of Diffusion Weighted MRI with Quantitative ADC Map in Diagnosis of Malignant Thyroid Disease. Diagnostics, 2019, 9, 129.	2.6	4
45	Automatic Thresholding Selection for Image Segmentation Based on Genetic Algorithm. Journal of Institute of Control, Robotics and Systems, 2011, 17, 587-595.	0.2	4
46	An ensemble learning-based method for prediction of novel disease-microRNA associations. , 2017, , .		3
47	A Two-Stage Detection Approach for Car Counting in Day and Nighttime. Advances in Intelligent Systems and Computing, 2018, , 159-171.	0.6	3
48	Multi-Task Topic Analysis Framework for Hallmarks of Cancer with Weak Supervision. Applied Sciences (Switzerland), 2020, 10, 834.	2.5	3
49	Inverse stable point problem on trees under an extension of Chebyshev norm and Bottleneck Hamming distance. Optimization Methods and Software, 2020, , 1-18.	2.4	3
50	Currency Recognition Based on Deep Feature Selection and Classification. Communications in Computer and Information Science, 2020, , 273-281.	0.5	3
51	Evaluation of dental arch dimensions in 12 year-old Vietnamese children - A cross-sectional study of 4565 subjects. Scientific Reports, 2019, 9, 3101.	3.3	2
52	A linear time algorithm for balance vertices on trees. Discrete Optimization, 2019, 32, 37-42.	0.9	2
53	Scalable local features and hybrid classifiers for improving action recognition. Journal of Intelligent and Fuzzy Systems, 2019, 36, 3357-3372.	1.4	1
54	Video-Based Vietnamese Sign Language Recognition Using Local Descriptors. Lecture Notes in Computer Science, 2019, , 680-693.	1.3	1

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55	Efficacy of electrochemically activated water solution in gingivitis treatment. Journal of Pharmaceutical Investigation, 2019, 49, 323-329.	5.3	1
56	Inverse Anti-k-centrum Problem on Networks with Variable Edge Lengths. Taiwanese Journal of Mathematics, 2020, 24, .	0.4	1
57	BPH Sensor Network Optimization Based on Cellular Automata and Honeycomb Structure. Mobile Networks and Applications, 2020, 25, 1140-1150.	3.3	1
58	A two-stage approach for front-view vehicle detection and counting at nighttime. MATEC Web of Conferences, 2016, 54, 08001.	0.2	0
59	Boosting Discriminative Models for Activity Detection Using Local Feature Descriptors. Lecture Notes in Computer Science, 2017, , 609-618.	1.3	0
60	A combinatorial algorithm for the ordered 1-median problem on cactus graphs. Opsearch, 2019, 56, 780-789.	1.8	0
61	Bayesian Meta Regression. Smart Innovation, Systems and Technologies, 2021, , 52-59.	0.6	0
62	Algorithms and Devices for Smart Processing Technology for Energy Saving. Mathematical Problems in Engineering, 2021, 2021, 1-2.	1.1	0
63	A Subtype Classification of Hematopoietic Cancer Using Machine Learning Approach. Communications in Computer and Information Science, 2021, , 113-121.	0.5	0