Vitaliy I Mezhuyev

List of Publications by Year
in descending order

60 papers	982 citations	686830 13 h-index	476904 29 g-index
68 all docs	68 docs citations	68 times ranked	741 citing authors

#	Article	IF	Citations
1	Technology Acceptance Model in M-learning context: A systematic review. Computers and Education, 2018, 125, 389-412.	5.1	304
2	The impact of knowledge management processes on information systems: A systematic review. International Journal of Information Management, 2018, 43, 173-187.	10.5	120
3	Towards a conceptual model for examining the impact of knowledge management factors on mobile learning acceptance. Technology in Society, 2020, 61, 101247.	4.8	85
4	PLS-SEM in Information Systems Research: A Comprehensive Methodological Reference. Advances in Intelligent Systems and Computing, 2019, , 644-653.	0.5	57
5	Selective mode excitation techniques for mode-division multiplexing: A critical review. Optical Fiber Technology, 2018, 45, 280-288.	1.4	41
6	Development of M-learning Application based on Knowledge Management Processes. , 2018, , .		33
7	Factors Affecting the Metamodelling Acceptance: A Case Study From Software Development Companies in Malaysia. IEEE Access, 2018, 6, 49476-49485.	2.6	26
8	Technology Enhancement Learning Reflection on Improving Students'€™ Satisfaction in Omani Universities. Advanced Science Letters, 2018, 24, 7751-7757.	0.2	24
9	Students and Educators Attitudes towards the use of M-Learning: Gender and Smartphone ownership Differences. International Journal of Interactive Mobile Technologies, 2019, 13, 127.	0.7	24
10	Examining the Effect of Knowledge Management Factors on Mobile Learning Adoption Through the Use of Importance-Performance Map Analysis (IPMA). Advances in Intelligent Systems and Computing, 2020, , 449-458.	0.5	23
11	An Innovative Approach of Applying Knowledge Management in M-Learning Application Development. International Journal of Information and Communication Technology Education, 2019, 15, 94-112.	0.8	23
12	Reliable Decision Making of Accepting Friend Request on Online Social Networks. IEEE Access, 2018, 6, 9484-9491.	2.6	17
13	Improved TLBO-JAYA Algorithm for Subset Feature Selection and Parameter Optimisation in Intrusion Detection System. Complexity, 2020, 2020, 1-18.	0.9	17
14	Is M-learning acceptance influenced by knowledge acquisition and knowledge sharing in developing countries?. Education and Information Technologies, 2021, 26, 2585-2606.	3.5	17
15	The Acceptance of Search-Based Software Engineering Techniques: An Empirical Evaluation Using the Technology Acceptance Model. IEEE Access, 2019, 7, 101073-101085.	2.6	15
16	Evaluating the Impact of Knowledge Management Factors on M-Learning Adoption: A Deep Learning-Based Hybrid SEM-ANN Approach. Studies in Systems, Decision and Control, 2021, , 159-172.	0.8	15
17	Developing science gateways for drug discovery in a grid environment. SpringerPlus, 2016, 5, 1300.	1.2	11
18	Formal Development of a Network-Centric RTOS. , 2011, , .		11

#	Article	IF	Citations
19	Metamodeling Methodology for Modeling Cyber-Physical Systems. Cybernetics and Systems, 2016, 47, 277-289.	1.6	9
20	Geometrical Meta-Metamodel for Cyber-Physical Modelling. , 2013, , .		8
21	Ontology based development of Domain Specific Languages for Systems Engineering. , 2014, , .		7
22	Input Information in the Approximate Calculation of Two-Dimensional Integral from Highly Oscillating Functions (Irregular Case). Advances in Intelligent Systems and Computing, 2019, , 365-373.	0.5	7
23	Development of metamodels as logical and algebraic systems. , 2014, , .		6
24	Multi-objective Optimization of Biochemical System Production Using an Improve Newton Competitive Differential Evolution Method. International Journal on Advanced Science, Engineering and Information Technology, 2017, 7, 1535.	0.2	6
25	Digital Shop Floor Management. , 2020, , .		5
26	Desing and Implementation of a Microcontroller Based Buck Boost Converter as a Smooth Starter for Permanent Magnet Motor. Indonesian Journal of Electrical Engineering and Computer Science, 2016, 1, 566.	0.7	5
27	Metamodel for Mathematical Modelling Surfaces of Celestial Bodies on the Base of Radiolocation Data. Indian Journal of Science and Technology, 2015, 8, .	0.5	4
28	Optimisation of Biochemical Systems Production using Hybrid of Newton Method, Differential Evolution Algorithm and Cooperative Coevolution Algorithm. Indonesian Journal of Electrical Engineering and Computer Science, 2017, 8, 27.	0.7	4
29	Interacting Entities Modelling Methodology for Robust Systems Design. , 2010, , .		3
30	Algorithm for the Reconstruction of the Discontinuous Structure of a Body by Its Projections along Mutually Perpendicular Lines. , 2018, , .		3
31	Evaluation of the Likelihood of Friend Request Acceptance in Online Social Networks. IEEE Access, 2019, 7, 75318-75329.	2.6	3
32	A Systematic Review of Metamodelling in Software Engineering. Studies in Systems, Decision and Control, 2021, , 3-27.	0.8	3
33	A Method for Planning the Routes of Harvesting Equipment. Intelligent Automation and Soft Computing, 0, , -1--1.	1.6	3
34	Architecture of software tools for Domain-Specific Mathematical Modelling. , 2014, , .		2
35	Development and application of FORTU-FEM Computer-Aided Design System. , 2014, , .		2
36	The method and algorithms to find essential attributes and objects of Subject Domains. , 2015, , .		2

#	Article	IF	Citations
37	MATLAB/Simulink based design and development of a Buck Boost converter as a smooth starter for DC motor control. , 2015, , .		2
38	Design and Process Metamodels for Modelling and Verification of Safety-Related Software Applications in Smart Building Systems. , 2018, , .		2
39	Metamodelling Architecture for Computer Aided Design of Mechanical Systems. , 2019, , .		2
40	Interdisciplinary Terminology Framework for Teaching and Research in Learning Factories. Procedia Manufacturing, 2020, 45, 301-306.	1.9	2
41	Measuring the Success of Recommender Systems: A PLS-SEM Approach. IEEE Access, 2022, 10, 30610-30623.	2.6	2
42	Trello as a Tool for the Development of Lifelong Learning Skills of Senior Students. Postmodern Openings, 2022, 13, 143-167.	0.1	2
43	Estimating the efficiency of Information Technology for Domain-Specific Mathematical Modelling. , 2015, , .		1
44	Metamodel for The Development of Geometrical Modelling Languages. , 2018, , .		1
45	Design and Development of Shunt Active Filter Using MATLAB for Minimization of Harmonics. International Journal of Engineering and Technology(UAE), 2018, 7, 179.	0.2	1
46	Acceptance of the Methods of Decision-making. , 2019, , .		1
47	Modeloo—The Tool for Teaching Parallel Computations. Advanced Science Letters, 2015, 21, 2243-2246.	0.2	1
48	Robotic Process Automation Technology Acceptance: A Case Study from Austrian Companies. Lecture Notes in Networks and Systems, 2022, , 815-826.	0.5	1
49	Ontology-Driven Development of the Metamodels for Modelling Distributed Parallel Software Systems. , 2015, , .		0
50	Design and development of MATLAB based three phase converter for unbalanced AC source with enhancement in power control. , 2015, , .		0
51	Algorithms of Classification of Mass Problems of Production Subject Domains. , 2019, , .		0
52	DEMO—The Educational Environments to Support Model-Centred Physics Instruction. Advanced Science Letters, 2015, 21, 2404-2408.	0.2	0
53	Method for domain-specific mathematical modelling: theory and applications. ScienceAsia, 2016, 42S, 19.	0.2	0
54	Method for the Forecasting Solar Radiation in the Systems of Technical Vision. Advanced Science Letters, 2018, 24, 7519-7523.	0.2	0

#	Article	IF	Citations
55	Newton Competitive Genetic Algorithm Method for Optimization the Production of Biochemical Systems. Advanced Science Letters, 2018, 24, 7481-7485.	0.2	0
56	Development of GPU-Based Visual Environment for Metamaterials Design. Advanced Science Letters, 2018, 24, 7269-7272.	0.2	0
57	Fuzzy Modelling using Firefly Algorithm for Phishing Detection. Advances in Science, Technology and Engineering Systems, 2019, 4, 291-296.	0.4	0
58	Operators of Approximation of Functions f(x, y) by their Projections on the System of Nonparallel Lines for Computed Tomography. International Journal of Machine Learning and Computing, 2019, 9, 154-159.	0.8	0
59	Optimization of Biochemical Systems Production Using Combination of Newton Method and Particle Swarm Optimization. International Journal on Advanced Science, Engineering and Information Technology, 2019, 9, 753-758.	0.2	0
60	Development of a Parameterizable Process-Oriented Model for Freight Cost Estimation. , 2020, , .		0