Avinash K Shrivastava

List of Publications by Year
in descending order

50	338	1163117 8	1125743 13
papers	citations	h-index	g-index

51	51	51	110
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Merchandise and Service Trade Deviations During COVID-19: A Performance Comparison Between India and China. FIIB Business Review, 2024, 13, 257-275.	3.1	2
2	Impact of macroeconomic variables on sustainability indices using ARDL model. Journal of Sustainable Finance and Investment, 2023, 13, 572-588.	6.8	3
3	Software reliability and cost models with warranty and life cycle. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2023, 237, 166-179.	0.7	1
4	Modelling and predicting software vulnerabilities using a sigmoid function. International Journal of Information Technology (Singapore), 2022, 14, 649-655.	2.7	4
5	Determining Optimal Release and Testing Stop Time of a Software Using Discrete Approach. International Journal of Software Innovation, 2022, 10, 1-13.	0.4	1
6	Economics of Software Testing Using Discrete Approach. International Journal of Software Innovation, 2022, 10, 1-13.	0.4	0
7	Modelling reliability growth for multiâ€version open source software considering varied testing and debugging factors. Quality and Reliability Engineering International, 2022, 38, 1814-1825.	2.3	7
8	Developing a new heuristic algorithm for efficient reliability optimization. International Journal of Information Technology (Singapore), 2022, 14, 2505-2511.	2.7	2
9	On interdisciplinarity between product adoption and vulnerability discovery modeling. International Journal of Systems Assurance Engineering and Management, 2021, 12, 176-187.	2.4	2
10	Effort based software reliability model with fault reduction factor, change point and imperfect debugging. International Journal of Information Technology (Singapore), 2021, 13, 331-340.	2.7	17
11	Modeling supplier selection in the era of Industry 4.0. Benchmarking, 2021, 28, 1809-1836.	4.6	21
12	Fault Prediction Modelling in Open Source Software Under Imperfect Debugging and Change-Point. , 2021, , 277-293.		0
13	Marketing Strategy for Financial Services in Indian Financial Service Institutions. FIIB Business Review, 2021, 10, 404-412.	3.1	3
14	Changeâ€pointsâ€based software scheduling. Quality and Reliability Engineering International, 2021, 37, 3282-3296.	2.3	5
15	Analytical study of low-income consumersâ€™ purchase behaviour for developing marketing strategy. International Journal of Systems Assurance Engineering and Management, 2021, 12, 895-909.	2.4	5
16	Developing a hybrid software reliability growth model. International Journal of Quality and Reliability Management, 2021, ahead-of-print, .	2.0	5
17	Anomaly Detection Using System Logs. International Journal of Information Security and Privacy, 2021, 16, 1-15.	0.8	3
18	Generalized software release and testing stop time policy. International Journal of Quality and Reliability Management, 2020, 37, 1087-1111.	2.0	12

#	Article	IF	Citations
19	Software release and testing stop time decision with change point. International Journal of Systems Assurance Engineering and Management, 2020, 11, 196-207.	2.4	9
20	Effort based release time of software for detection and correction processes using MAUT. International Journal of Systems Assurance Engineering and Management, 2020, 11, 367-378.	2.4	9
21	Software Release Time Problem Revisited. Asset Analytics, 2019, , 295-305.	0.5	2
22	Generalized Multi-Release Framework for Fault Prediction in Open Source Software. International Journal of Software Innovation, 2019, 7, 86-107.	0.4	9
23	Modeling Vulnerability Discovery and Patching with Fixing Lag. Communications in Computer and Information Science, 2019, , 569-578.	0.5	3
24	Optimal Software Warranty Under Fuzzy Environment. Advances in Intelligent Systems and Computing, 2019, , 563-569.	0.6	0
25	Evolutionary Algorithm Based Faults Optimization of Multi-modular Software. Smart Innovation, Systems and Technologies, 2018, , 281-291.	0.6	1
26	Discrete-Time Framework for Determining Optimal Software Release and Patching Time. Springer Proceedings in Business and Economics, 2018, , 129-141.	0.3	3
27	Software Release and Patching Time with Warranty Using Change Point. Springer Proceedings in Business and Economics, 2018, , 369-382.	0.3	5
28	A General Framework for Modeling of Multiple-Version Software with Change-Point. Springer Proceedings in Business and Economics, 2018, , 17-32.	0.3	7
29	Bi-Criterion Problem to Determine Optimal Vulnerability Discovery and Patching Time. International Journal of Reliability, Quality and Safety Engineering, 2018, 25, 1850002.	0.6	8
30	Fault Prediction Modelling in Open Source Software Under Imperfect Debugging and Change-Point. International Journal of Open Source Software and Processes, 2018, 9, 1-17.	0.6	4
31	Development of Software Reliability Growth Models with Time Lag and Change-Point and a New Perspective for Release Time Problem. Frontiers in Information Systems, 2018, , 34-52.	0.1	6
32	Optimizing Price, Release, and Testing Stop Time Decisions of a Software Product. , 2018, , 189-203.		2
33	Release and testing stop time of a software using multi-attribute utility theory. Life Cycle Reliability and Safety Engineering, 2017, 6, 47-55.	1.0	16
34	Multi Release Cost Model â€" A New Perspective. International Journal of Reliability, Quality and Safety Engineering, 2017, 24, 1740007.	0.6	7
35	Two-Dimensional Generalized Framework to Determine Optimal Release and Patching Time of a Software. International Journal of Reliability, Quality and Safety Engineering, 2017, 24, 1740003.	0.6	1
36	When to Release and Stop Testing of a Software. Journal of the Indian Society for Probability and Statistics, 2017, 18, 19-37.	0.8	20

#	Article	IF	Citations
37	A Multi Release Cost Model in Distributed Environment. International Journal of Reliability, Quality and Safety Engineering, 2017, 24, 1750001.	0.6	11
38	Multi-generation diffusion of technology. , 2017, , .		6
39	User-based multi-upgradation vulnerability discovery model. , 2017, , .		2
40	Testing effort based modeling to determine optimal release and patching time of software. International Journal of Systems Assurance Engineering and Management, 2016, 7, 427-434.	2.4	17
41	A generalized framework for modelling multi up-gradations of a software with testing effort and change point. , 2016, , .		3
42	Multi release modeling of a software with testing effort and fault reduction factor. , 2016, , .		5
43	Strategic Price, Warranty and Profit Maximization Model of a Software Product Using Dynamic Optimization. International Journal of Reliability, Quality and Safety Engineering, 2016, 23, 1650002.	0.6	1
44	Vulnerability discovery model for a software system using stochastic differential equation. , 2015, , .		14
45	A comparative study of vulnerability discovery modeling and software reliability growth modeling. , 2015, , .		15
46	A software up-gradation model with testing effort and two types of imperfect debugging. , 2015, , .		11
47	Release time problem with multiple constraints. International Journal of Systems Assurance Engineering and Management, 2015, 6, 83-91.	2.4	20
48	Optimal price and testing time of a software under warranty and two types of imperfect debugging. International Journal of Systems Assurance Engineering and Management, 2014, 5, 120-126.	2.4	6
49	OPTIMAL PRICE AND RELEASE TIME OF A SOFTWARE UNDER WARRANTY. International Journal of Reliability, Quality and Safety Engineering, 2013, 20, 1340004.	0.6	9
50	Economic Activities and Oil Price Shocks in Indian Outlook: Direction of Causality and Testing Cointegration. Global Business Review, 0, , 097215092199049.	3.1	9