

Avinash K Shrivastava

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

338
citations

1163117

8
h-index

1125743

13
g-index

51
all docs

51
docs citations

51
times ranked

110
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling supplier selection in the era of Industry 4.0. Benchmarking, 2021, 28, 1809-1836.	4.6	21
2	Release time problem with multiple constraints. International Journal of Systems Assurance Engineering and Management, 2015, 6, 83-91.	2.4	20
3	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
4	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
5	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
6	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
7	A comparative study of vulnerability discovery modeling and software reliability growth modeling. , 2015, , .		15
8	Vulnerability discovery model for a software system using stochastic differential equation. , 2015, , .		14
9	Generalized software release and testing stop time policy. International Journal of Quality and Reliability Management, 2020, 37, 1087-1111.	2.0	12
10	A software up-gradation model with testing effort and two types of imperfect debugging. , 2015, , .		11
11	A Multi Release Cost Model in Distributed Environment. International Journal of Reliability, Quality and Safety Engineering, 2017, 24, 1750001.	0.6	11
12	OPTIMAL PRICE AND RELEASE TIME OF A SOFTWARE UNDER WARRANTY. International Journal of Reliability, Quality and Safety Engineering, 2013, 20, 1340004.	0.6	9
13	Generalized Multi-Release Framework for Fault Prediction in Open Source Software. International Journal of Software Innovation, 2019, 7, 86-107.	0.4	9
14	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
15	Economic Activities and Oil Price Shocks in Indian Outlook: Direction of Causality and Testing Cointegration. Global Business Review, 0, , 097215092199049.	3.1	9
16	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
17	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
18	Multi Release Cost Model " A New Perspective. International Journal of Reliability, Quality and Safety Engineering, 2017, 24, 1740007.	0.6	7

#	ARTICLE	IF	CITATIONS
19	A General Framework for Modeling of Multiple-Version Software with Change-Point. Springer Proceedings in Business and Economics, 2018, , 17-32.	0.3	7
20	Modelling reliability growth for multi-version open source software considering varied testing and debugging factors. Quality and Reliability Engineering International, 2022, 38, 1814-1825.	2.3	7
21	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
22	Multi-generation diffusion of technology. , 2017, , .		6
23	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
24	Multi release modeling of a software with testing effort and fault reduction factor. , 2016, , .		5
25	Software Release and Patching Time with Warranty Using Change Point. Springer Proceedings in Business and Economics, 2018, , 369-382.	0.3	5
26	Change-points-based software scheduling. Quality and Reliability Engineering International, 2021, 37, 3282-3296.	2.3	5
27	Analytical study of low-income consumers' purchase behaviour for developing marketing strategy. International Journal of Systems Assurance Engineering and Management, 2021, 12, 895-909.	2.4	5
28	Developing a hybrid software reliability growth model. International Journal of Quality and Reliability Management, 2021, ahead-of-print, .	2.0	5
29	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
30	Modelling and predicting software vulnerabilities using a sigmoid function. International Journal of Information Technology (Singapore), 2022, 14, 649-655.	2.7	4
31	A generalized framework for modelling multi up-gradations of a software with testing effort and change point. , 2016, , .		3
32	Discrete-Time Framework for Determining Optimal Software Release and Patching Time. Springer Proceedings in Business and Economics, 2018, , 129-141.	0.3	3
33	Modeling Vulnerability Discovery and Patching with Fixing Lag. Communications in Computer and Information Science, 2019, , 569-578.	0.5	3
34	Marketing Strategy for Financial Services in Indian Financial Service Institutions. FIIB Business Review, 2021, 10, 404-412.	3.1	3
35	Impact of macroeconomic variables on sustainability indices using ARDL model. Journal of Sustainable Finance and Investment, 2023, 13, 572-588.	6.8	3
36	Anomaly Detection Using System Logs. International Journal of Information Security and Privacy, 2021, 16, 1-15.	0.8	3

#	ARTICLE	IF	CITATIONS
37	User-based multi-upgradation vulnerability discovery model. , 2017, , .		2
38	Software Release Time Problem Revisited. Asset Analytics, 2019, , 295-305.	0.5	2
39	On interdisciplinarity between product adoption and vulnerability discovery modeling. International Journal of Systems Assurance Engineering and Management, 2021, 12, 176-187.	2.4	2
40	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
41	Optimizing Price, Release, and Testing Stop Time Decisions of a Software Product. , 2018, , 189-203.		2
42	Developing a new heuristic algorithm for efficient reliability optimization. International Journal of Information Technology (Singapore), 2022, 14, 2505-2511.	2.7	2
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	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
45	Evolutionary Algorithm Based Faults Optimization of Multi-modular Software. Smart Innovation, Systems and Technologies, 2018, , 281-291.	0.6	1
46	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
47	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
48	Fault Prediction Modelling in Open Source Software Under Imperfect Debugging and Change-Point. , 2021, , 277-293.		0
49	Optimal Software Warranty Under Fuzzy Environment. Advances in Intelligent Systems and Computing, 2019, , 563-569.	0.6	0
50	Economics of Software Testing Using Discrete Approach. International Journal of Software Innovation, 2022, 10, 1-13.	0.4	0