

Tiko Iyamu

List of Publications by Year in descending order

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Version: 2024-02-01

117
papers

459
citations

932766

10
h-index

996533

15
g-index

118
all docs

118
docs citations

118
times ranked

170
citing authors

#	ARTICLE	IF	CITATIONS
1	The Factors Affecting Institutionalisation of Enterprise Architecture in the Organisation. , 2009, , .		42
2	Transformation of healthcare big data through the lens of actor network theory. International Journal of Healthcare Management, 2018, 11, 182-192.	1.2	29
3	The Use of Structuration Theory and Actor Network Theory for Analysis. International Journal of Actor-Network Theory and Technological Innovation, 2010, 2, 1-26.	0.1	25
4	Underpinning theories: orderâ€œofâ€œuse in information systems research. Journal of Systems and Information Technology, 2013, 15, 224-238.	0.8	21
5	Deployment of Enterprise Architecture in the Namibian Government: The Use of Activity Theory to Examine the Influencing Factors. Electronic Journal of Information Systems in Developing Countries, 2015, 71, 1-21.	0.9	20
6	Implementation of the enterprise architecture through the Zachman Framework. Journal of Systems and Information Technology, 2018, 20, 2-18.	0.8	20
7	The impact of organisational structure on enterprise architecture deployment. Journal of Systems and Information Technology, 2014, 16, 2-19.	0.8	15
8	Theoretical Analysis of Strategic Implementation of Enterprise Architecture. International Journal of Actor-Network Theory and Technological Innovation, 2010, 2, 17-32.	0.1	14
9	The use of activity theory and actor network theory as lenses to underpin information systems studies. Journal of Systems and Information Technology, 2018, 20, 191-206.	0.8	13
10	The use of activity theory to guide information systems research. Education and Information Technologies, 2019, 24, 165-180.	3.5	12
11	A multilevel approach to big data analysis using analytic tools and actor network theory. South African Journal of Information Management, 2018, 20, .	0.5	11
12	Understanding the Complexities of Enterprise Architecture through Structuration Theory. Journal of Computer Information Systems, 2019, 59, 287-295.	2.0	11
13	Institutionalisation of the Enterprise Architecture. International Journal of Actor-Network Theory and Technological Innovation, 2011, 3, 27-38.	0.1	10
14	Integration of social media with healthcare big data for improved service delivery. South African Journal of Information Management, 2018, 20, .	0.5	10
15	Examining E-Government Enabling of E-Health Service Through the Lens of Structuration Theory. International Journal of Sociotechnology and Knowledge Development, 2020, 12, 26-40.	0.4	10
16	Introducing Mobile Device for Health Services. Advances in Healthcare Information Systems and Administration Book Series, 2016, , 101-112.	0.2	10
17	A framework for developing and implementing the enterprise technical architecture. Computer Science and Information Systems, 2012, 9, 189-206.	0.7	9
18	An Actor-Network Analysis of a Case of Development and Implementation of IT Strategy. International Journal of Actor-Network Theory and Technological Innovation, 2009, 1, 35-52.	0.1	8

#	ARTICLE	IF	CITATIONS
19	A Guide to Selecting Theory to Underpin Information Systems Studies. IFIP Advances in Information and Communication Technology, 2013, , 525-537.	0.5	8
20	Collecting qualitative data for information systems studies: The reality in practice. Education and Information Technologies, 2018, 23, 2249-2264.	3.5	7
21	Framework for the adoption of e-commerce: A case of South African retail grocery sector. Electronic Journal of Information Systems in Developing Countries, 2019, 85, e12095.	0.9	7
22	Healthcare Services for Nomadics through a Mobile Framework. Advances in Healthcare Information Systems and Administration Book Series, 2016, , 46-57.	0.2	7
23	Developing the enterprise architecture for the Namibian government. Electronic Journal of Information Systems in Developing Countries, 2018, 84, e12028.	0.9	6
24	Developing Enterprise Architecture Skills: A Developing Country Perspective. IFIP Advances in Information and Communication Technology, 2014, , 52-61.	0.5	6
25	Information Systems and Actor-Network Theory Analysis. International Journal of Actor-Network Theory and Technological Innovation, 2013, 5, 1-11.	0.1	5
26	Virtual team development of a web-based recruitment system for an iD-lab. Education and Information Technologies, 2018, 23, 1955-1970.	3.5	5
27	A framework for selecting analytics tools to improve healthcare big data usefulness in developing countries. South African Journal of Information Management, 2020, 22, .	0.5	5
28	Enterprise Architecture as Information Technology Strategy. , 2011, , .		4
29	What are the implications of theorizing the enterprise architecture?. Journal of Enterprise Transformation, 2018, 8, 143-164.	1.0	4
30	A Comparative Analysis of E-Governance and IT Governance. , 2019, , .		4
31	Conceptualizing The Integration of eHealth With eGovernance in a Developing Country. Information Resources Management Journal, 2021, 34, 64-78.	0.8	4
32	Actor Network Theory in Interpretative Research Approach. IFIP Advances in Information and Communication Technology, 2013, , 605-610.	0.5	4
33	A Model for Selecting Information Technology Solutions in Banking Institutions. International Journal of Sociotechnology and Knowledge Development, 2021, 14, 1-18.	0.4	4
34	Understanding the factors that influence software testing through moments of translation. Journal of Systems and Information Technology, 2022, 24, 202-220.	0.8	4
35	Importance of the distinction between information systems and information technology. , 2010, , .		3
36	The dualism of the information technology project. , 2011, , .		3

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37	Theory of diffusion of innovation for analysis in information systems studies. , 2015, , .		3
38	A Case for Applying Activity Theory in IS Research. Information Resources Management Journal, 2020, 33, 1-15.	0.8	3
39	Health information systems: Developing solutions to support patientsâ€™ mobility. International Journal of Healthcare Management, 2021, 14, 23-34.	1.2	3
40	IT governance: An architectural framework based on consolidated best practices. Journal of Governance and Regulation, 2016, 5, 7-15.	0.4	3
41	Actor-Network Theory Perspective of Robotic Process Automation Implementation in the Banking Sector. International Journal of Information Technologies and Systems Approach, 2022, 15, 1-17.	0.8	3
42	The architecture of information in organisations. South African Journal of Information Management, 2011, 13, .	0.5	2
43	The social context of broadband infrastructure sharing. , 2011, , .		2
44	The openness of the concept of technology open innovation. , 2012, , .		2
45	The Interplay Between Human and Structure in IT Strategy. International Journal of Technology and Human Interaction, 2014, 10, 83-100.	0.3	2
46	Improvising information technology projects through the duality of structure. South African Journal of Information Management, 2017, 19, .	0.5	2
47	Structuration Theory-Based Conceptual Framework for Improving Healthcare Services. , 2019, , .		2
48	Factors Influencing the Use of Mobile Systems to Access Healthcare Big Data in a Namibian Public Hospital. Information Resources Management Journal, 2020, 33, 81-99.	0.8	2
49	The South African Perspective of the Impact of Language on the Delivery of Healthcare Services. International Journal of Sociotechnology and Knowledge Development, 2021, 13, 1-15.	0.4	2
50	Translation of Activities in a Global Virtual Teams Software Development. Journal of Cases on Information Technology, 2021, 23, 1-18.	0.7	2
51	Healthcare data management conceptual framework for service delivery. Education and Information Technologies, 2021, 26, 3513-3527.	3.5	2
52	Rethinking the Roles of Actors in the Mobility of Healthcare Services. IFIP Advances in Information and Communication Technology, 2014, , 261-276.	0.5	2
53	An ANT Analysis of Healthcare Services for the Nomadic Patients of Namibia. International Journal of Actor-Network Theory and Technological Innovation, 2014, 6, 54-67.	0.1	2
54	The Impact of Network of Actors on the Information Technology. , 2011, , 234-246.		2

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55	The Use of Structuration Theory and Actor Network Theory for Analysis. , 2012, , 1-19.		2
56	Managing Knowledge towards Enabling Healthcare Service Delivery. Advances in Healthcare Information Systems and Administration Book Series, 2016, , 15-26.	0.2	2
57	A Model for Evaluating Big Data Analytics Tools for Organisation Purposes. Lecture Notes in Computer Science, 2020, , 493-504.	1.0	2
58	Examining academic performance through ant towards rpa-based system in South Africa. Education and Information Technologies, 2022, 27, 9437-9454.	3.5	2
59	Structuration analysis of factors influencing Risk Management System deployment. , 2012, , .		1
60	Empirically Examined the Disjoint in Software Deployment. International Journal of Actor-Network Theory and Technological Innovation, 2012, 4, 36-50.	0.1	1
61	Examining IT Governance through Diffusion of Innovations. Information Resources Management Journal, 2017, 30, 26-40.	0.8	1
62	Challenges of software developers: the Namibian Government experience. International Journal of Information Technology and Management, 2018, 17, 237.	0.1	1
63	The Roles of E-Government in Healthcare from the Perspective of Structuration Theory. , 2018, , .		1
64	A model for addressing parallelism of systems in the management of data: The Namibian case. African Journal of Science, Technology, Innovation and Development, 2018, 10, 691-700.	0.8	1
65	Health informatics curriculum development for teaching and learning. Education and Information Technologies, 2019, 24, 1293-1309.	3.5	1
66	An information systems framework to improve the issuance of identity documents through enhanced data quality in the Republic of Angola. Electronic Journal of Information Systems in Developing Countries, 2020, 86, e12111.	0.9	1
67	The use of mobile systems to access health care big data in the Namibian environment. Electronic Journal of Information Systems in Developing Countries, 2020, 86, e12120.	0.9	1
68	Creating a technical architecture framework for m-voting application. African Journal of Science, Technology, Innovation and Development, 2022, 14, 86-93.	0.8	1
69	A Framework to Guide ICT Solution for Language Barrier in South African Healthcare. Journal of Cases on Information Technology, 2020, 22, 1-17.	0.7	1
70	Towards an Enterprise Business Architecture Readiness Assessment Model. Advances in Business Information Systems and Analytics Book Series, 2021, , 90-109.	0.3	1
71	The Enterprise Architecture as Agent of Change for Government Enterprises. Advances in Business Information Systems and Analytics Book Series, 2021, , 216-238.	0.3	1
72	Understanding the Deployment of Competitive Intelligence Through Moments of Translation. International Journal of Information Technology and Web Engineering, 2013, 8, 33-45.	1.2	1

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73	A Model for Operationalising Influencing Factors in IT Strategy Deployment. International Journal of Social and Organizational Dynamics in IT, 2011, 1, 48-59.	0.6	1
74	The Connective Scheme between the Enterprise Architecture and Organisational Structure. Advances in Intelligent Systems and Computing, 2014, , 9-21.	0.5	1
75	Politicking information technology strategy in organisations: A case study of a selected organisation in South Africa. Journal of Governance and Regulation, 2015, 4, 107-114.	0.4	1
76	Challenges in Collecting Qualitative Data for Information Systems Studies. , 2018, , 4480-4489.		1
77	Implementation of Big Data Analytics for Government Enterprise. , 2022, , 1294-1306.		1
78	ANT Perspective of Healthcare Big Data for Service Delivery in South Africa. , 2022, , 1071-1089.		1
79	A Model for Operationalizing the Information Technology Strategy Based on Structuration View. Advances in Science, Technology and Engineering Systems, 2020, 5, 371-379.	0.4	1
80	Towards Enterprise Technical Architecture for the Implementation of the South African NHI. Advances in Science, Technology and Engineering Systems, 2020, 5, .	0.4	1
81	Diffusion of Technology for Language Challenges in the South African Healthcare Environment. Advances in Science, Technology and Engineering Systems, 2020, 5, 257-265.	0.4	1
82	The impact of risk on information technology projects. , 2012, , .		0
83	Assessment of Risk on Information Technology Projects Through Moments of Translation. International Journal of Actor-Network Theory and Technological Innovation, 2012, 4, 1-12.	0.1	0
84	Towards a conceptual framework for protection of personal information from the perspective of activity theory. South African Journal of Information Management, 2017, 19, .	0.5	0
85	Diffusion of Abstractive Summarisation to Improve Ease of Use and Usefulness. , 2018, , .		0
86	The architectures of data and information: Their confounded confusion. South African Journal of Information Management, 2019, 21, .	0.5	0
87	Editorial: New Frontiers of the Fourth Industrial Revolution. , 2019, , .		0
88	Free doesn't mean access to the Wi-Fi facility: The south African experience. Education and Information Technologies, 2019, 24, 1511-1525.	3.5	0
89	ANT Perspective of Healthcare Big Data for Service Delivery in South Africa. Journal of Cases on Information Technology, 2021, 23, 65-81.	0.7	0
90	Implementation of Big Data Analytics for Government Enterprise. Advances in Business Information Systems and Analytics Book Series, 2021, , 182-198.	0.3	0

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91	A global virtual team model to improve software development collaboration project. Information Systems and E-Business Management, 0, , 1.	2.2	0
92	The Impact of Organisational Politics on the Implementation of IT Strategy. International Journal of Sociotechnology and Knowledge Development, 2011, 3, 15-39.	0.4	0
93	Theoretical Analysis of Strategic Implementation of Enterprise Architecture. , 2012, , 132-148.		0
94	A Model for Operationalising Influencing Factors in IT Strategy Deployment. , 2013, , 159-170.		0
95	Competitive Intelligence in the Enterprise. International Journal of Actor-Network Theory and Technological Innovation, 2013, 5, 50-64.	0.1	0
96	Information and Communication Technology Projects and the Associated Risks. Advances in Human and Social Aspects of Technology Book Series, 2014, , 100-114.	0.3	0
97	Human Interactions in Software Deployment. Advances in Human and Social Aspects of Technology Book Series, 2014, , 161-178.	0.3	0
98	The Process-Oriented Implications in the Development of Health Informatics Curriculum for Teaching and Learning. Advances in Intelligent Systems and Computing, 2014, , 341-353.	0.5	0
99	Politicking the Information Technology Strategy in Organisations. Advances in Human Resources Management and Organizational Development Book Series, 2015, , 51-78.	0.2	0
100	Enterprise Architecture for Business Objectives. Advances in Human Resources Management and Organizational Development Book Series, 2015, , 171-187.	0.2	0
101	The Interplay between Human and Structure in IT Strategy. Advances in Human Resources Management and Organizational Development Book Series, 2015, , 31-50.	0.2	0
102	Deployment of Enterprise Architecture From the Activity Theory Perspective. , 2018, , 2943-2952.		0
103	Architectural Framework for the Implementation of Information Technology Governance in Organisations. , 2018, , 810-819.		0
104	Deployment of Enterprise Architecture From the Activity Theory Perspective. Advances in Logistics, Operations, and Management Science Book Series, 2019, , 790-801.	0.3	0
105	Challenges in Collecting Qualitative Data for Information Systems Studies. Advances in Library and Information Science, 2019, , 237-248.	0.2	0
106	Architectural Framework for the Implementation of Information Technology Governance in Organizations. Advances in Logistics, Operations, and Management Science Book Series, 2019, , 417-428.	0.3	0
107	Qualitative Methods: Lesson for Information Systems Researchers. , 2020, , 1-8.		0
108	Qualitative Methods, Lesson for Information Systems Researchers. , 2020, , 1413-1420.		0

#	ARTICLE	IF	CITATIONS
109	Comparative Analysis of E-Governance and IT Governance. , 2020, , 323-330.		0
110	Comparative Analysis of E-Governance and IT Governance. , 2020, , 1-8.		0
111	Politicking the Information Technology Strategy in Organisations. , 0, , 1528-1554.		0
112	Managing Knowledge Towards Enabling Healthcare Service Delivery. , 0, , 142-153.		0
113	Healthcare Services for Nomadics Through a Mobile Framework. , 0, , 303-314.		0
114	An ANT Analysis of Healthcare Services for the Nomadic Patients of Namibia. , 0, , 775-790.		0
115	Qualitative Case Study Research Approach. , 0, , 1-13.		0
116	Operational Architecture Framework for Information Technology Solutions: Diffusion of Innovation Perspective. , 2021, , .		0
117	Application of activity theory to examine the implementation of e-health in Namibia. International Journal of Healthcare Management, 2023, 16, 157-166.	1.2	0