

Design Science in the Information Systems Discipline: A on Design Science Research

MIS Quarterly: Management Information Systems
32, 725

DOI: 10.2307/25148869

Citation Report

#	ARTICLE	IF	CITATIONS
1	The Sciences of Design: Observations on an Emerging Field. SSRN Electronic Journal, 0, , .	0.4	20
2	Design alternatives for the evaluation of design science research artifacts. , 2009, , .		39
3	Learning-enhanced adaptive DSS: a Design Science perspective. Information Technology and Management, 2009, 10, 41-54.	2.4	19
4	Time for a "design turn" in IS innovation research? A practice report from the home front. Information Technology and People, 2009, 22, 335-350.	3.2	12
5	Consortium Research. Business and Information Systems Engineering, 2010, 2, 283-293.	6.1	66
7	Electronic community factories: the model and its application in the tourism sector. Electronic Commerce Research, 2010, 10, 43-81.	5.0	13
8	A decade of design in digital government research. Government Information Quarterly, 2010, 27, 1-8.	6.8	29
9	Opening up design science: The challenge of designing for reuse and joint development. Journal of Strategic Information Systems, 2010, 19, 232-241.	5.9	17
10	Shaping a Constructivist View of Organizational Design Science. Organization Studies, 2010, 31, 1229-1255.	5.3	81
11	Creating a performance-oriented e-learning environment: A design science approach. Information and Management, 2011, 48, 260-269.	6.5	63
12	A systematic design for coping with model risk. Expert Systems With Applications, 2011, 38, 7380-7386.	7.6	1
13	Design research for cadastral systems. Computers, Environment and Urban Systems, 2011, 35, 77-87.	7.1	34
14	A framework for modelling business processes in demand-driven supply chains. Production Planning and Control, 2011, 22, 365-388.	8.8	52
15	A Design Science Research Roadmap. Lecture Notes in Computer Science, 2011, , 107-123.	1.3	46
16	The Application of Enterprise Reference Architecture in the Financial Industry. Lecture Notes in Business Information Processing, 2012, , 93-110.	1.0	5
17	Combining Design Science and Design Research Perspectives--Findings of Three Prototyping Projects. , 2012, , .		4
18	Business Intelligence and Analytics: From Big Data to Big Impact. MIS Quarterly: Management Information Systems, 2012, 36, 1165.	4.2	3,648
19	Information gathering during enterprise system selection: insight from practice. Industrial Management and Data Systems, 2012, 112, 964-981.	3.7	12

#	ARTICLE	IF	CITATIONS
20	How to Steer the IT Outsourcing Provider. Business and Information Systems Engineering, 2012, 4, 247-259.	6.1	18
22	Information Systems as a Reference Discipline for Visual Design. International Journal of Art Culture and Design Technologies, 2012, 2, 57-71.	0.1	6
23	Closing the Gap between Data Mining and Business Users of Business Intelligence Systems. International Journal of Business Intelligence Research, 2012, 3, 14-53.	0.9	13
24	Advertising versus Brokerage Model for Online Trading Platforms. SSRN Electronic Journal, 2012, , .	0.4	6
25	How to Steer the IT Outsourcing Provider: Development and Validation of a Reference Framework of IT Outsourcing Steering Processes. SSRN Electronic Journal, 0, , .	0.4	0
26	The need for systems development capability in design science research: enabling researcher-systems developer collaboration. Information Systems and E-Business Management, 2013, 11, 335-355.	3.7	5
27	The development of a new methodology for knowledge sharing in the interface between university and society – An example from the meat sector. Meat Science, 2013, 95, 672-678.	5.5	0
28	Specification of mCRM Enterprise Applications to Support IT-Consultants. , 2013, , .		0
29	Test Management Framework for Managing IT Projects in Industry. , 2013, , .		3
30	Towards a channel-agnostic mobile transaction platform to support drug adherence within a resource constrained environment. , 2013, , .		0
31	Supporting rural teachers 21st century skills development through mobile technology use: A case in Cofimvaba, Eastern Cape, South Africa. , 2013, , .		1
32	Collaborative design research: Lessons from continuous auditing. International Journal of Accounting Information Systems, 2013, 14, 104-112.	5.0	12
33	Management of the master data lifecycle: a framework for analysis. Journal of Enterprise Information Management, 2013, 26, 472-491.	7.5	27
34	Engineering innovative mobile data services. Business Process Management Journal, 2013, 19, 336-363.	4.2	18
35	Implementation and verification of a cloud-based machine-to-machine data management system. , 2013, , .		1
36	On the Veridicality of Claims in Design Science Research. , 2013, , .		4
37	Truth or Dare. Journal of Database Management, 2013, 24, 51-66.	1.5	20
38	Conceptualizing Dimensions of Enterprise Resource Planning Systems Success. International Journal of Enterprise Information Systems, 2014, 10, 53-75.	1.0	15

#	ARTICLE	IF	CITATIONS
39	Integrating Business Models and Enterprise Architecture. , 2014, , .		13
40	Engineering the Value Network of the Customer Interface and Marketing in the Data-Rich Retail Environment. International Journal of Electronic Commerce, 2014, 18, 17-42.	3.0	39
41	Towards a collaborative approach to Web Service monitoring: In appreciation of connectivity challenges in Africa. , 2014, , .		0
42	An integrative ICT platform for eHealth. , 2014, , .		4
43	Overcoming implementation challenges in enterprise architecture management: a design theory for architecture-driven IT Management (ADRIMA). Information Systems and E-Business Management, 2014, 12, 101-137.	3.7	61
44	Organizing knowledge workforce for specified iterative software development tasks. Decision Support Systems, 2014, 59, 15-27.	5.9	11
45	Virtual Health Management. , 2014, , .		2
46	Introducing tablet computers into medical practice: design of mobile apps for consultation services. Health and Technology, 2014, 4, 31-41.	3.6	3
47	Design observations for interagency collaboration. Government Information Quarterly, 2014, 31, 302-316.	6.8	16
48	A Recommender System to Nudge Customers in a Capacity Constrained Supply Chain. SSRN Electronic Journal, 0, , .	0.4	1
49	A Distinctive Analysis of Case Study, Action Research and Design Science Research. Revista Brasileira De Gestao De Negocios, 2015, , 1116-1133.	0.5	42
50	An Introduction to the Business Ontology. International Journal of Conceptual Structures and Smart Applications, 2015, 3, 20-41.	0.1	8
51	Systematic Literature Review. , 2015, , 129-158.		9
52	Evaluating an Artifact in Design Science Research. , 2015, , .		7
53	An Electronic Clearance Marketplace Leveraging Collaborations in Supplier and Buyer Communities: A Design Science Research Study. , 2015, , .		1
54	A control model for object virtualization in supply chain management. Computers in Industry, 2015, 68, 116-131.	9.9	63
55	A Mobile Money Solution for Illiterate Users. , 2015, , .		2
56	Acquisition of business intelligence from human experience in route planning. Enterprise Information Systems, 2015, 9, 303-323.	4.7	7

#	ARTICLE	IF	CITATIONS
57	Digital creativity: Research themes and framework. Computers in Human Behavior, 2015, 42, 12-19.	8.5	41
58	The development of a Design Research Canvas for data practitioners. Journal of Decision Systems, 2016, 25, 369-380.	3.2	9
59	Design and evaluation of hospital-based business intelligence system (HBIS): A foundation for design science research methodology. Computers in Human Behavior, 2016, 62, 495-505.	8.5	23
60	Classification by clustering using an extended saliency measure. Expert Systems, 2016, 33, 46-59.	4.5	3
61	Research and Innovation. , 2016, , 207-241.		0
62	Designing a Knowledge Resource to Address Bounded Rationality and Satisficing for ICT Decisions in Small Organizations. Electronic Journal of Information Systems in Developing Countries, 2016, 73, 1-18.	1.4	5
63	Simulating the impact of an online digital dashboard in emergency departments on patients length of stay. Journal of Decision Systems, 2016, 25, 343-353.	3.2	13
64	Virtualization of food supply chains with the internet of things. Journal of Food Engineering, 2016, 176, 128-136.	5.2	315
65	Cost-Effective Quality Assurance in Crowd Labeling. Information Systems Research, 2017, 28, 137-158.	3.7	29
66	Harnessing Mobile Pervasive Computing to Enhance Livelihood Processes: Farmer Response to a Mobile Agriculture Information System. Lecture Notes in Computer Science, 2017, , 641-655.	1.3	3
67	Collaborating across the researcher-practitioner divide. Journal of Organizational Change Management, 2017, 30, 858-871.	2.7	7
68	Co-designing a mHealth Application for Self-management of Cystic Fibrosis. Lecture Notes in Computer Science, 2017, , 3-22.	1.3	14
69	A conceptual approach for understanding computer programming skills development. , 2017, , .		1
70	Design it like Darwin -AA value-based application of evolutionary algorithms for proper and unambiguous business process redesign. Information Systems Frontiers, 2017, 19, 1101-1121.	6.4	7
71	Network Science Applied to Enterprise Architecture Analysis: Towards the Foundational Concepts. , 2017, , .		2
72	Cyber security risk management for health-based critical infrastructures. , 2017, , .		1
73	U-District Job Co-op: constructing a future vision for homeless young people and employment. Information Technology and People, 2017, 30, 602-628.	3.2	16
74	Digital Entrepreneurship: Toward a Digital Technology Perspective of Entrepreneurship. Entrepreneurship Theory and Practice, 2017, 41, 1029-1055.	10.2	1,179

#	ARTICLE	IF	CITATIONS
75	Harnessing the social web to enhance insights into people's opinions in business, government and public administration. Information Systems Frontiers, 2017, 19, 231-251.	6.4	42
76	A cross-paradigm macro-structure analysis of research articles in Information Systems. English for Specific Purposes, 2017, 45, 14-30.	2.8	17
77	Mobile technology for women entrepreneurs in Iringa, Tanzania: User requirements and architectural design. , 2017, , .		2
78	Dynamic, Interactive and Visual Analysis of Population Distribution and Mobility Dynamics in an Urban Environment Using the Mobility Explorer Framework. Information (Switzerland), 2017, 8, 56.	2.9	4
79	Software Project Planning Through Simulation of Entire Project's Problem-Space. International Journal of Information Technology Project Management, 2017, 8, 22-39.	0.5	3
80	Using a Design Science Research Approach in Human-Computer Interaction (HCI) Project. International Journal of Virtual and Augmented Reality, 2017, 1, 42-59.	0.8	1
81	PROPOSED ANALYTICAL PROCEDURE FOR THE CUSTOMIZATION AND IMPLEMENTATION OF COBIT 5, AN AUDITING TOOL: AN ACTION DESIGN RESEARCH APPROACH. Edpacs, 2018, 57, 15-34.	1.0	1
82	Looking at the big picture of IS investment appraisal through the lens of systems theory: A System Dynamics approach for understanding the economic impact of BIM. Computers in Industry, 2018, 99, 262-281.	9.9	16
83	Why one big picture is worth a thousand numbers: measuring intangible benefits of investments in augmented reality based assistive technology using utility effect chains and system dynamics. Information Systems and E-Business Management, 2018, 16, 407-441.	3.7	7
84	Philosophical foundations for informing the future(S) through IS research. European Journal of Information Systems, 2018, 27, 367-379.	9.2	20
85	Distilling a body of knowledge for information systems development. Information Systems Journal, 2018, 28, 175-226.	6.9	27
86	Is Action Design Research Indeed Necessary? Analysis and Synergies Between Action Research and Design Science Research. Systemic Practice and Action Research, 2018, 31, 239-267.	1.7	35
87	Toward a Design Epistemology for Librarianship. Library Quarterly, 2018, 88, 41-59.	0.8	29
88	Integrating a mobile health applications for self-management to enhance Telecare system. Telematics and Informatics, 2018, 35, 815-825.	5.8	30
89	Design Science Research Roadmap Model for Information Systems Projects. International Journal of Information Technology Project Management, 2018, 9, 1-19.	0.5	0
90	A contribui�o da design research para a resolu�o de problemas complexos na administra�o p�blica. Revista De Administracao Publica, 2018, 52, 956-970.	0.7	3
91	An Information Extraction Model Using a Graph Database to Recommend the Most Applied Case. , 2018, , .		0
92	The Effects of the Quantification of Faculty Productivity: Perspectives from the Design Science Research Community. Communications of the Association for Information Systems, 2018, 43, 625-661.	0.9	6

#	ARTICLE	IF	CITATIONS
93	The Trajectory of IT in Healthcare at HICSS: A Literature Review, Analysis, and Future Directions. Communications of the Association for Information Systems, 0, 43, 792-845.	0.9	7
94	Uma proposta de integra��o do modelo BIM ao sistema last planner. Ambiente Constru�do, 2018, 18, 301-317.	0.4	3
95	Design Science Research Contributions: Finding a Balance between Artifact and Theory. Journal of the Association for Information Systems, 2018, 19, 358-376.	3.7	212
96	Conduct risk: towards a model for assessment and remediation. Journal of Decision Systems, 2018, 27, 209-216.	3.2	2
97	A framework for increasing business value from social media. Economic Research-Ekonomski Istra�ivanja, 2018, 31, 1091-1110.	4.7	10
98	A Multicriteria Approach to Support Task Allocation in Projects of Distributed Software Development. Complexity, 2019, 2019, 1-22.	1.6	7
99	How to Design an Interactive System for Data Science: Learning from a Literature Review. Lecture Notes in Information Systems and Organisation, 2019, , 133-150.	0.6	1
100	Blockchain and supply chain relations: A transaction cost theory perspective. Journal of Purchasing and Supply Management, 2019, 25, 100552.	5.7	348
101	Extending the decision-making capabilities in remanufacturing service contracts by using symbiotic simulation. Computers in Industry, 2019, 111, 26-40.	9.9	11
102	Formal-Verification of Smart-Contract Languages: A Survey. Communications in Computer and Information Science, 2019, , 738-747.	0.5	6
103	Surrounded by middlemen - how multi-sided platforms change the insurance industry. Electronic Markets, 2019, 29, 609-629.	8.1	28
104	Architecture framework of IoT-based food and farm systems: A multiple case study. Computers and Electronics in Agriculture, 2019, 165, 104939.	7.7	86
105	QUEST: new practices to represent hypotheses in experiment-driven software development. , 2019, , .		6
106	A Proof of Concept of a Mobile Health Application to Support Professionals in a Portuguese Nursing Home. Sensors, 2019, 19, 3951.	3.8	9
107	Mobile marketing application for entrepreneurship development: Codesign with women entrepreneurs in Iringa, Tanzania. Electronic Journal of Information Systems in Developing Countries, 2019, 85, e12073.	1.4	12
108	Personalized Hybrid Book Recommender. International Journal of Information Systems in the Service Sector, 2019, 11, 70-97.	0.4	3
109	Inter-technology relationship networks: Arranging technologies through text mining. Technological Forecasting and Social Change, 2019, 143, 202-213.	11.6	17
110	Advancing service design research with design science research. Journal of Service Management, 2019, 30, 577-592.	7.2	30

#	ARTICLE	IF	CITATIONS
111	Toward robotic process automation implementation: an end-to-end perspective. Business Process Management Journal, 2019, 26, 405-420.	4.2	56
112	A Framework To Generate Actionable Information For Mobile Based Information System That Empowers Users To Self-Manage Type 2 Diabetes. , 2019, , .		1
113	Architecture For Mobile Based Information System That Empowers Users To Self-Manage Type 2 Diabetes. , 2019, , .		1
114	Open Data Visual Analytics to Support Decisions on Physical Investments. Procedia Computer Science, 2019, 161, 797-804.	2.0	0
115	Practical Implications On How Established Companies Innovate With Startups. International Journal of R&D Innovation Strategy, 2019, 1, 1-20.	0.9	1
116	Some issues in blockchain for accounting and the supply chain, with an application of distributed databases to virtual organizations. Intelligent Systems in Accounting, Finance and Management, 2019, 26, 137-149.	4.6	22
117	Development and Validation of a Disaster Response Decision Metamodel in the Philippine Context. , 2019, , .		3
118	Firm Value and the Impact of Operational Management. Asia-Pacific Financial Markets, 2019, 26, 61-85.	2.4	1
119	Consulting Research: A Scientific Perspective on Consulting. Contributions To Management Science, 2019, , 1-27.	0.5	4
120	Design of a mobile-based learning management system for incorporating employment demands: Case context of an Australian University. Education and Information Technologies, 2019, 24, 995-1014.	5.7	17
121	Proposing the use of blockchain to improve the solid waste management in small municipalities. Journal of Cleaner Production, 2020, 244, 118529.	9.3	111
122	Design Science Research for IS/IT Projects: Focus on Digital Transformation. , 2020, , .		5
123	The patient will see you now-Towards an understanding of on-demand healthcare. , 2020, , .		1
124	Analysing and Improving Mathematical Formulation of Webavalia: A Self and Peer Assessment Tool. , 2020, , .		2
125	Can't touch this? Conceptualizing the customer touchpoint in the context of omni-channel retailing. Journal of Retailing and Consumer Services, 2022, 65, 102269.	9.4	20
126	Choose your own training adventure: designing a gamified SETA artefact for improving information security and privacy through interactive storytelling. European Journal of Information Systems, 2020, 29, 669-687.	9.2	31
127	Designing mobile language learning with Arabic speaking migrants. Interactive Learning Environments, 2023, 31, 514-526.	6.4	4
128	Setting up Energy Efficiency Management in Companies: Preliminary Lessons Learned from the Petroleum Industry. Energies, 2020, 13, 5604.	3.1	3

#	ARTICLE	IF	CITATIONS
129	Toward Trust in Internet of Things Ecosystems: Design Principles for Blockchain-Based IoT Applications. IEEE Transactions on Engineering Management, 2020, 67, 1256-1270.	3.5	62
130	Novel blockchain reference model for government services: Dubai government case study. International Journal of Systems Assurance Engineering and Management, 2020, 11, 1170-1191.	2.4	33
131	Formulating Knowledge-Based Cloud Identity Selection. Journal of Computer Information Systems, 2021, 61, 207-218.	2.9	0
132	Keep IT Together. International Journal of Information Technology Project Management, 2021, 12, 93-105.	0.5	1
133	A Conceptual Design for Digital Industrial Symbiosis Ecosystems. Lecture Notes in Computer Science, 2021, , 362-374.	1.3	0
134	Design Methods of Strategic Decision Support Solutions for B2C Business Managers. , 2021, , 299-318.		0
135	Designing for the future in the age of pandemics: a future-ready design research (FRDR) process. European Journal of Information Systems, 2021, 30, 157-175.	9.2	17
136	Factors Affecting Customer Analytics: Evidence from Three Retail Cases. Information Systems Frontiers, 2022, 24, 493-516.	6.4	14
137	Leveraging Enterprise Resource Planning Systems to Digitize Business Functions. , 2021, , 165-190.		0
138	A BIM-data mining integrated digital twin framework for advanced project management. Automation in Construction, 2021, 124, 103564.	9.8	217
139	Greening inventories: Blockchain to improve the GHG Protocol Program in scope 2. Journal of Cleaner Production, 2021, 291, 125900.	9.3	28
140	Information Technology Governance for Higher Education Institutions: A Multi-Country Study. Informatics, 2021, 8, 26.	3.9	10
141	Influencing information systems practice: The action principles approach applied to robotic process and cognitive automation. Journal of Information Technology, 2021, 36, 216-240.	3.9	17
142	An apple a day “ how the platform economy impacts value creation in the healthcare market. Electronic Markets, 2021, 31, 849-876.	8.1	27
143	Digital twins in smart farming. Agricultural Systems, 2021, 189, 103046.	6.1	235
144	Smart Mobile Application for Short-Haul Cargo Transportation. Logistics, 2021, 5, 36.	4.3	3
145	Blockchain-aided information exchange records for design liability control and improved security. Automation in Construction, 2021, 126, 103667.	9.8	53
146	An alliance of humans and machines for machine learning: Hybrid intelligent systems and their design principles. Technology in Society, 2021, 66, 101647.	9.4	24

#	ARTICLE	IF	CITATIONS
147	Integrating Scrum With Other Design Approaches to Support Student Innovation Projects. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 2021, , 190-208.	0.5	0
148	Design Methods of Strategic Decision Support Solutions for B2C Business Managers. , 2021, , 201-220.		0
149	Pervasive Business Intelligence Platform to Support the Decision-Making Process in Waiting Lists. , 2021, , 848-863.		0
150	A Proof of Concept of a Business Intelligence Platform to Support the Decision-Making Process of Health Professionals in Waiting Lists. , 2021, , 1015-1034.		0
151	Using Augmented Reality in Computing Higher Education. Lecture Notes in Computer Science, 2021, , 526-530.	1.3	1
152	Design Science in the Management Disciplines. Integrated Series on Information Systems, 2010, , 195-208.	0.1	7
153	Design Science Research in Information Systems. Integrated Series on Information Systems, 2010, , 9-22.	0.1	423
154	Enhancing Benefits from Healthcare IT Adoption Using Design Science Research: Presenting a Unified Application of the IT Capability Maturity Framework and the Electronic Medical Record Adoption Model. Communications in Computer and Information Science, 2013, , 124-143.	0.5	3
155	Design Science Research. , 2015, , 67-102.		35
156	Develop and Evaluate the Mobile-Based Self-Management Application for Tele-Healthcare Service. Lecture Notes in Computer Science, 2014, , 460-469.	1.3	6
157	Artifact-Centered Planning and Assessing of Large Design Science Research Projects â€” A Case Study. Lecture Notes in Computer Science, 2015, , 343-357.	1.3	26
158	Interplay of Requirements Engineering and Human Computer Interaction Approaches in the Evolution of a Mobile Agriculture Information System. Lecture Notes in Computer Science, 2016, , 135-159.	1.3	10
159	Designing a Framework for the Development of Domain-Specific Process Modelling Languages. Lecture Notes in Computer Science, 2017, , 39-54.	1.3	7
161	Modeling Forensic Evidence Systems Using Design Science. International Federation for Information Processing, 2010, , 282-300.	0.4	2
162	Quo Vadis, Design Science? â€” A Survey of Literature. Lecture Notes in Computer Science, 2010, , 93-108.	1.3	8
163	Design Science Research Demonstrators for Punctuation â€” The Establishment of a Service Ecosystem. Lecture Notes in Computer Science, 2011, , 153-165.	1.3	2
164	Design Theory in Practice â€” Making Design Science Research More Transparent. Lecture Notes in Computer Science, 2011, , 47-61.	1.3	9
165	Toward an Approach to Generate Forward-Looking Theories Using Systems Concepts. International Federation for Information Processing, 2011, , 11-26.	0.4	2

#	ARTICLE	IF	CITATIONS
166	Enriching Conceptual Modelling Practices through Design Science. Lecture Notes in Business Information Processing, 2011, , 497-510.	1.0	3
167	The Science of Conceptual Modelling. Lecture Notes in Computer Science, 2011, , 12-26.	1.3	5
168	Design Science Research and the Core of Information Systems. Lecture Notes in Computer Science, 2012, , 309-327.	1.3	5
169	Evaluation Patterns for Design Science Research Artefacts. Communications in Computer and Information Science, 2012, , 71-83.	0.5	55
170	The Science and Art of Conceptual Modelling. Lecture Notes in Computer Science, 2012, , 76-105.	1.3	16
171	Seeking Constructive Synergy: Design Science and the Constructive Research Approach. Lecture Notes in Computer Science, 2013, , 59-72.	1.3	12
173	Investigation and Design. , 2018, , .		4
174	Improving Interorganizational Information Sharing for Vendor Managed Inventory: Toward a Decentralized Information Hub Using Blockchain Technology. IEEE Transactions on Engineering Management, 2020, 67, 1074-1085.	3.5	52
175	A Teacher Tablet Toolkit to meet the challenges posed by 21st century rural teaching and learning environments. South African Journal of Education, 2015, 35, 1-19.	0.6	18
176	A Framework for Theory Development in Design Science Research: Multiple Perspectives. Journal of the Association for Information Systems, 2012, 13, 395-423.	3.7	176
177	A Review of Design Science Research in Information Systems: Concept, Process, Outcome, and Evaluation. Pacific Asia Journal of the Association for Information Systems, 0, , 1-36.	0.7	12
178	MUUX-E, a framework of criteria for evaluating the usability, user experience and educational features of m-learning environments. South African Computer Journal, 0, 56, .	0.2	8
179	An Intelligent Content Discovery Technique for Health Portal Content Management. JMIR Medical Informatics, 2014, 2, e7.	2.6	4
180	The State of Design - A Comprehensive Literature Review to Chart the Design Science Research Discourse. , 2017, , .		6
181	Cross-Organizational Workflow Management Using Blockchain Technology - Towards Applicability, Auditability, and Automation. , 2018, , .		62
182	A Web-Based Information System to Evaluate Different Versions of IT Artefacts in Online Experiments. AIS Transactions on Enterprise Systems, 2019, 4, .	0.3	2
183	Exploring the Intersections of Individual and Collective Communication Design. Advances in Business Strategy and Competitive Advantage Book Series, 2018, , 89-108.	0.3	3
184	Pervasive Business Intelligence Platform to Support the Decision-Making Process in Waiting Lists. Advances in Medical Technologies and Clinical Practice Book Series, 2018, , 186-202.	0.3	6

#	ARTICLE	IF	CITATIONS
185	Using EUREQA for End-User UML Model Development through Design Patterns. Journal of Software, 2011, 6, .	0.6	2
186	Applying Theories from Other Disciplines to Logistics and Supply Chain Management: A Systematic Literature Review. Transportation Journal, 2017, 56, 299-356.	0.7	26
187	Towards personalised public service co-creation using core vocabularies. , 2021, , .		5
188	Easy-to-use TV guide for older people. Finnish Journal of EHealth and EWelfare, 2021, 13, .	0.1	0
189	BLENDING DECISION AND DESIGN SCIENCE WITH INFORMATION SYSTEMS DESIGN AS A MEANS TO OPTIMIZING BUSINESS DECISIONS. Issues in Information Systems, 2009, , .	0.1	0
190	How IT-Based Co-creation Can Provide Small Banks Access to the Financial Market â€” A Prototype Development from a Design Science Research Perspective. Lecture Notes in Computer Science, 2011, , 321-334.	1.3	0
191	Business process learning on the job: A design science oriented approach and its empirical evaluation. Knowledge Management and E-Learning, 2012, , 395-414.	0.6	2
192	BWW Ontology as a Lens on IS Design Theory: Extending the Design Science Research Roadmap. Lecture Notes in Computer Science, 2013, , 258-277.	1.3	2
193	Building an Mlearning Research Framework through Design Science Research. Communications in Computer and Information Science, 2014, , 107-122.	0.5	1
194	The Intelligent Agents. Advances in Multimedia and Interactive Technologies Book Series, 2014, , 332-356.	0.2	1
195	Managing Knowledge-Intensive Business Processes by Harnessing Collective Practical Experience without Codification. Communications in Computer and Information Science, 2014, , 107-121.	0.5	2
196	Sustaining IT Usefulness â€” Re-defining End Usersâ€™ Role as Contextual Designers. Communications in Computer and Information Science, 2014, , 123-134.	0.5	0
197	An Artifact for Improving Effective Medication Adherence. Lecture Notes in Computer Science, 2014, , 304-311.	1.3	1
198	Framework to Enhance the Mobile User Experience of Goal Orientated Interactions. Advances in Wireless Technologies and Telecommunication Book Series, 2014, , 47-75.	0.4	2
199	A New Perspective on Visual Design within Information Systems. Advances in Information Quality and Management, 2014, , 143-161.	0.2	0
200	Proposal for the Conduct of Design Science Research. , 2015, , 117-127.		1
201	A Stakeholder-Focused Framework for Research on Business Models for Information Products and Open Content. SSRN Electronic Journal, 0, , .	0.4	0
203	Using a Design Science Research Approach to Develop a HCI Artifact for Designing Web Interfaces. Advances in Human and Social Aspects of Technology Book Series, 2016, , 304-320.	0.3	0

#	ARTICLE	IF	CITATIONS
204	STUDIUM PRZYPADKU JAKO METODA BADAWCZA W PROCESIE REALIZACJI PRAC DYPLOMOWYCH Z ZAKRESU RACHUNKOWOŚCI ZARZĄDCZEJ. Folia Pomeranae Universitatis Technologiae Stetinensis Seria Oeconomica, 2016, 327, 53-62.	0.0	0
205	Predictive Procurement Insights: B2B Business Network Contribution to Predictive Insights in the Procurement Process Following a Design Science Research Approach. Lecture Notes in Computer Science, 2017, , 267-281.	1.3	3
206	Enabling Business Domain-Specific e-Collaboration: Developing Artifacts to Integrate e-Collaboration into Product Costing. Lecture Notes in Computer Science, 2017, , 296-312.	1.3	4
207	Overcoming Innovation Resistance beyond Status Quo Bias - A Decision Support System Approach (Research-in-Progress). , 2017, , .		2
208	Integrating Managerial Preferences into the Qualitative Evaluation of Virtual Team Member. SSRN Electronic Journal, 0, , .	0.4	0
209	Leveraging Enterprise Resource Planning Systems to Digitize Business Functions. Advances in Business Information Systems and Analytics Book Series, 2017, , 20-46.	0.4	0
210	QUALITATIVE IMPROVEMENT OF TOURIST DESTINATIONS THROUGH A HOLISTIC APPROACH: ON THE CASE OF "BIOS GARDEN", 0, , .		0
212	An Automatic Approach to Generate Corpus in Spanish. Communications in Computer and Information Science, 2018, , 150-161.	0.5	0
213	Open Product Lifecycle Management (PLM) for Cloud Manufacturing and Cloud-Based Maintenance Integration Using XML. Advances in E-Business Research Series, 2018, , 270-307.	0.4	2
215	Design Methods of Strategic Decision Support Solutions for B2C Business Managers. Advances in Business Strategy and Competitive Advantage Book Series, 2019, , 254-273.	0.3	0
216	A Framework and Architecture for Performance Management in Virtual Organizations. Advances in Business Strategy and Competitive Advantage Book Series, 2019, , 1-20.	0.3	0
217	Criteria and Recommendations for IS Research that Bridges the Academic-Practitioner Gap. , 2019, , .		0
218	A Proof of Concept of a Business Intelligence Platform to Support the Decision-Making Process of Health Professionals in Waiting Lists. International Journal of Privacy and Health Information Management, 2019, 7, 14-32.	0.2	0
219	A Framework for Auditing and Strategizing to Ensure Cloud Privacy. Journal of Information Systems, 2020, 34, 47-63.	1.2	5
220	Instrumentos associados de apoio ao processo de projeto de moradias sociais. Ambiente ConstruÍdo, 2020, 20, 401-423.	0.4	2
221	Aligning academic research and Science, Technology, and Innovation (ST&I): a proposal using Design Science. Cadernos EBAPE BR, 2020, 18, 459-472.	0.4	1
222	Maintaining business process compliance despite changes: a decision support approach based on process adaptations. Journal of Decision Systems, 0, , 1-31.	3.2	4
223	Die systematische Entwicklung von Servicesystemen im digitalen Zeitalter – Ein Fakten-basierter Ansatz. , 2020, , 227-275.		0

#	ARTICLE	IF	CITATIONS
224	Webavalia: Algorithm Improvement of an eAssessment Tool Based on a User Survey. Revista Iberoamericana De Tecnologias Del Aprendizaje, 2021, , 1-1.	0.9	0
225	An Introduction to the Business Ontology. , 2020, , 1-24.		0
226	A Framework for Privacy Policy Compliance in the Internet of Things. Lecture Notes in Business Information Processing, 2020, , 595-603.	1.0	0
227	Micro Information Systems. , 0, , 262-286.		0
228	E-Health Business Models Prototyping by Incremental Design. , 0, , 776-790.		0
229	Micro Information Systems. , 0, , 533-555.		1
230	Framework to Enhance the Mobile User Experience of Goal Orientated Interactions. , 0, , 583-612.		0
231	E-Health Business Models Prototyping by Incremental Design. , 0, , 213-228.		0
232	Pesquisa acadêmica e avanços em Ciência, Tecnologia e Inovação (CT&I): uma proposta de aproximação pela Design Science. Cadernos EBAPE BR, 2020, 18, 459-472.	0.4	0
234	HyMap: Eliciting hypotheses in early-stage software startups using cognitive mapping. Information and Software Technology, 2022, 144, 106807.	4.4	6
235	IT Availability Risks in Smart Factory Networks – Analyzing the Effects of IT Threats on Production Processes Using Petri Nets. Information Systems Frontiers, 0, , 1.	6.4	5
236	Applying Design Science Research for Developing Business Artifacts. Procedia Computer Science, 2022, 199, 637-642.	2.0	1
237	Advancing purchasing as a design science: Publication guidelines to shift towards more relevant purchasing research. Journal of Purchasing and Supply Management, 2022, 28, 100750.	5.7	9
239	Improving the Financial Security of National Health Insurance using Cloud-Based Blockchain Technology Application. International Journal of Information Management Data Insights, 2022, 2, 100081.	9.7	18
240	Sustainability Monitoring with Robotic Accounting – Integration of Financial and Environmental Farm Data. Sustainability, 2022, 14, 6756.	3.2	1
241	The Cybersecurity Risk Estimation Engine: A Tool for Possibility Based Risk Analysis. Computers and Security, 2022, , 102752.	6.0	1
245	IMPLEMENTATION OF ACCOUNTING INFORMATION SYSTEMS. AzalrbaÇ°An Ali Tehniki Mal'ktal'blakrinin Hal'bal'lrjki, 2022, 18, 103-111.	0.0	0
246	Uma proposta de integração entre o planejamento estratégico e a gestão de projetos: abordando um mÃ©todo visual automatizado. Revista De GestÃ£o E Projetos, 2022, 13, 116-142.	0.2	1

#	ARTICLE	IF	CITATIONS
247	Sustainable agriculture by the Internet of Things – A practitioner’s approach to monitor sustainability progress. Computers and Electronics in Agriculture, 2022, 200, 107226.	7.7	14
248	Changing the research paradigm for digital transformation in healthcare delivery. Frontiers in Digital Health, 0, 4, .	2.8	4
249	Coop innovation framework: An artifact for innovation in Brazilian cooperatives. Journal of Co-operative Organization and Management, 2022, 10, 100185.	1.6	0
250	Design of an Idea Evaluation Method for SMEs Involving External Support Units. , 2022, , .		0
251	Knowledge contributions in design science research: Paths of knowledge types. Decision Support Systems, 2023, 166, 113898.	5.9	6
252	Ethics in Science and Technology Policy-Making: A Proposed Normative Framework. Bulletin of Science, Technology and Society, 2022, 42, 117-132.	2.9	1
254	Safety risk sources of autonomous mobile machines. Open Engineering, 2022, 12, 977-990.	1.6	2
256	Inside the Black Box of Dictionary Building for Text Analytics: A Design Science Approach. , 2019, 27, 119-159.		12
257	Proposal of an Artefact in the Design of BIM Systematizing Lean Concepts and Tools through Neural Networks. Buildings, 2023, 13, 1020.	3.1	1
258	Designing a cross-organizational identity management system: Utilizing SSI for the certification of retailer attributes. Electronic Markets, 2023, 33, .	8.1	3
259	Bringing trust and transparency to the opaque world of waste management with blockchain: A Polkadot parathread application. Computers and Industrial Engineering, 2023, 182, 109347.	6.3	6
260	Reliability Estimation and Optimization of a Smart Meter Architecture Using a Monte Carlo Simulation. SN Computer Science, 2023, 4, .	3.6	0
261	Developing a Digital Business Incubator Model to Foster Entrepreneurship, Business Growth, and Academia’s Industry Connections. Sustainability, 2023, 15, 7209.	3.2	3
262	Design Science Research: Progression, Schools of Thought and Research Themes. Lecture Notes in Computer Science, 2023, , 235-249.	1.3	0
263	A Reference System Architecture with Data Sovereignty for Human-Centric Data Ecosystems. Business and Information Systems Engineering, 2023, 65, 577-595.	6.1	3
264	Electronic Voting Through Blockchain: A Survey. , 2023, , .		1
265	Everything at the proper time: Repairing identical timestamp errors in event logs with Generative Adversarial Networks. Information Systems, 2023, 118, 102246.	3.6	0
266	Designing a digital platform to foster data-enhanced circular practices in the European solar industry. Journal of Cleaner Production, 2023, 418, 137992.	9.3	5

#	ARTICLE	IF	CITATIONS
267	Integrating AEC Domain-Specific Multidisciplinary Knowledge for Informed and Interactive Feedback in Early Design Stages. Lecture Notes in Civil Engineering, 2023, , 153-171.	0.4	0
268	Digital capability requirements and improvement strategies: Organizational socialization of AI teammates. Information Processing and Management, 2023, 60, 103504.	8.6	2
269	An Entrepreneurship Incubation Process Model and Gamified Educational Software Designed for Sustainable Education. Sustainability, 2023, 15, 14646.	3.2	0
270	Design Science Research in Information Systems as Educational Technology in Teaching and Learning Environments: A Systematic Literature Review. Lecture Notes in Computer Science, 2023, , 385-402.	1.3	1
271	A Framework to Support the Delivery and Assessment of Practical-Based Concepts on Online Learning. , 2023, , .		0
272	Continuous literacy programs: case for mobile based financial literacy solution. Decision, 0, , .	1.5	0
273	Automated and continuous assessment implementation in a programming course. Computer Applications in Engineering Education, 2024, 32, .	3.4	0
274	Towards a design science research (DSR) methodology for operational excellence (OPEX) initiatives. TQM Journal, 0, , .	3.3	0
275	A framework for modelling and designing transparency systems: A case of a Vietnamese pork supply chain. Heliyon, 2023, 9, e21095.	3.2	1
276	Toward a campus crisis management system amid the pandemic and beyond. Information and Management, 2023, 60, 103883.	6.5	1
277	Customersâ€™ Motives to Engage in Social Media-based Product Idea Contests â€“ Empirical Evidence from Germany. Journal of Creating Value, 2023, 9, 183-209.	0.9	0
278	The Evolution of Administrative Information Systems: Assessing the Revolutionary Impact of Artificial Intelligence. , 2023, , .		13
279	Facilitating cooperation of smallholders in developing countries: design principles for a cooperative-oriented decentralized autonomous organization. Information Systems and E-Business Management, 0, , .	3.7	0
280	Design cognitive IoT architecture framework for immersive visual technologies of air quality monitoring systems. Multimedia Tools and Applications, 0, , .	3.9	0
281	An Assessment Model for Sustainable Cities Using Crowdsourced Data Based on General System Theory: A Design Science Methodology Approach. Smart Cities, 2023, 6, 3032-3059.	9.4	2
282	Bridging the Operationalization Gap: Towards a Situational Approach for Data Analytics in Manufacturing SMEs. Communications in Computer and Information Science, 2023, , 211-222.	0.5	0
283	Assessing Stress with Mobile Systems: A Design Science Approach. European Journal of Information Systems, 0, , 1-18.	9.2	0
284	Design Science Research Design. , 2024, , 97-116.		0

#	ARTICLE	IF	CITATIONS
285	Designing as trading-off: a practice-based view on smart service systems. European Journal of Information Systems, 0, , 1-26.	9.2	0
286	<scp>BAUSTEIN</scp>â€”A design tool for configuring and representing design research. Information Systems Journal, 0, , .	6.9	0