

# Bernd Carsten Stahl

## List of Publications by Year in descending order

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Version: 2024-02-01

152  
papers

3,757  
citations

159525

30  
h-index

189801

50  
g-index

160  
all docs

160  
docs citations

160  
times ranked

2696  
citing authors

#	ARTICLE	IF	CITATIONS
1	Systematic review of the concentrations of oligosaccharides in human milk. <i>Nutrition Reviews</i> , 2017, 75, 920-933.	2.6	279
2	Ethics of healthcare robotics: Towards responsible research and innovation. <i>Robotics and Autonomous Systems</i> , 2016, 86, 152-161.	3.0	142
3	Ethics and Privacy in AI and Big Data: Implementing Responsible Research and Innovation. <i>IEEE Security and Privacy</i> , 2018, 16, 26-33.	1.5	135
4	Responsible research and innovation: The role of privacy in an emerging framework. <i>Science and Public Policy</i> , 2013, 40, 708-716.	1.2	131
5	Artificial intelligence ethics guidelines for developers and users: clarifying their content and normative implications. <i>Journal of Information Communication and Ethics in Society</i> , 2021, 19, 61-86.	1.0	100
6	The Responsible Research and Innovation (RRI) Maturity Model: Linking Theory and Practice. <i>Sustainability</i> , 2017, 9, 1036.	1.6	99
7	Responsible research and innovation in the digital age. <i>Communications of the ACM</i> , 2017, 60, 62-68.	3.3	91
8	Technology, capabilities and critical perspectives: what can critical theory contribute to Sen's capability approach?. <i>Ethics and Information Technology</i> , 2011, 13, 69-80.	2.3	88
9	On the Difference or Equality of Information, Misinformation, and Disinformation: A Critical Research Perspective. <i>Informing Science</i> , 0, 9, 083-096.	0.0	76
10	The Ethics of Computing. <i>ACM Computing Surveys</i> , 2016, 48, 1-38.	16.1	73
11	The ethical nature of critical research in information systems. <i>Information Systems Journal</i> , 2008, 18, 137-163.	4.1	70
12	Information security policies in the UK healthcare sector: a critical evaluation. <i>Information Systems Journal</i> , 2012, 22, 77-94.	4.1	70
13	From computer ethics to responsible research and innovation in ICT. <i>Information and Management</i> , 2014, 51, 810-818.	3.6	69
14	The empathic care robot: A prototype of responsible research and innovation. <i>Technological Forecasting and Social Change</i> , 2014, 84, 74-85.	6.2	68
15	Artificial intelligence for human flourishing – Beyond principles for machine learning. <i>Journal of Business Research</i> , 2021, 124, 374-388.	5.8	62
16	Responsible Research and Innovation in Industry – Challenges, Insights and Perspectives. <i>Sustainability</i> , 2018, 10, 702.	1.6	57
17	Framing governance for a contested emerging technology: insights from AI policy. <i>Policy and Society</i> , 2021, 40, 158-177.	2.9	56
18	Information, Ethics, and Computers: The Problem of Autonomous Moral Agents. <i>Minds and Machines</i> , 2004, 14, 67-83.	2.7	54

#	ARTICLE	IF	CITATIONS
19	Morality, Ethics, and Reflection: A Categorization of Normative IS Research. Journal of the Association for Information Systems, 2012, 13, 636-656.	2.4	53
20	The Human Brain Project: Responsible Brain Research for the Benefit of Society. Neuron, 2019, 101, 380-384.	3.8	50
21	Focus groups and critical social IS research: how the choice of method can promote emancipation of respondents and researchers. European Journal of Information Systems, 2011, 20, 378-394.	5.5	48
22	Responsible innovation ecosystems: Ethical implications of the application of the ecosystem concept to artificial intelligence. International Journal of Information Management, 2022, 62, 102441.	10.5	47
23	Digital Wildfires. ACM Transactions on Information Systems, 2016, 34, 1-23.	3.8	44
24	IT for a better future: how to integrate ethics, politics and innovation. Journal of Information Communication and Ethics in Society, 2011, 9, 140-156.	1.0	43
25	Brain simulation as a cloud service: The Virtual Brain on EBRAINS. NeuroImage, 2022, 251, 118973.	2.1	42
26	Identifying the Ethics of Emerging Information and Communication Technologies. International Journal of Technoethics, 2010, 1, 20-38.	0.6	39
27	Organisational responses to the ethical issues of artificial intelligence. AI and Society, 2022, 37, 23-37.	3.1	39
28	Innovating Responsibly in ICT for Ageing: Drivers, Obstacles and Implementation. Sustainability, 2017, 9, 971.	1.6	38
29	The Ethics of Cloud Computing: A Conceptual Review. , 2010, , .		37
30	ETHICS, Morality and Critique: An Essay on Enid Mumford's Socio-Technical Approach. Journal of the Association for Information Systems, 2007, 8, 479-490.	2.4	37
31	The Ethical Challenges of Publishing Twitter Data for Research Dissemination. , 2017, , .		36
32	The Ethical Implications of HCI's Turn to the Cultural. ACM Transactions on Computer-Human Interaction, 2015, 22, 1-37.	4.6	35
33	Philosophy and information systems: where are we and where should we go?. European Journal of Information Systems, 2018, 27, 263-277.	5.5	34
34	Responsible computers? A case for ascribing quasi-responsibility to computers independent of personhood or agency. Ethics and Information Technology, 2006, 8, 205-213.	2.3	33
35	Responsible research and innovation in information systems. European Journal of Information Systems, 2012, 21, 207-211.	5.5	31
36	Ethics in corporate research and development: can responsible research and innovation approaches aid sustainability?. Journal of Cleaner Production, 2019, 239, 118044.	4.6	31

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37	From Responsible Research and Innovation to responsibility by design. <i>Journal of Responsible Innovation</i> , 2021, 8, 175-198.	2.3	31
38	Ethical Issues of AI. <i>SpringerBriefs in Research and Innovation Governance</i> , 2021, , 35-53.	1.1	30
39	Good governance as a response to discontents? DÃ©jÃ vu, or lessons for AI from other emerging technologies. <i>Interdisciplinary Science Reviews</i> , 2021, 46, 71-93.	1.0	30
40	The future of ICT for health and ageing: Unveiling ethical and social issues through horizon scanning foresight. <i>Technological Forecasting and Social Change</i> , 2020, 155, 119995.	6.2	29
41	Accompanying technology development in the Human Brain Project: From foresight to ethics management. <i>Futures</i> , 2018, 102, 114-124.	1.4	28
42	Developing an Instrument for E-Public Servicesâ€™ Acceptance Using Confirmatory Factor Analysis. <i>Journal of Organizational and End User Computing</i> , 2012, 24, 18-44.	1.6	27
43	Responsible Data Governance of Neuroscience Big Data. <i>Frontiers in Neuroinformatics</i> , 2019, 13, 28.	1.3	27
44	The inflation of academic intellectual capital: the case for design science research in Europe. <i>European Journal of Information Systems</i> , 2011, 20, 1-6.	5.5	26
45	Tomorrowâ€™s ethics and todayâ€™s response: An investigation into the ways information systems professionals perceive and address emerging ethical issues. <i>Information Systems Frontiers</i> , 2014, 16, 383-397.	4.1	26
46	Interpretive accounts and fairy tales: a critical polemic against the empiricist bias in interpretive IS research. <i>European Journal of Information Systems</i> , 2014, 23, 1-11.	5.5	26
47	Is the European Data Protection Regulation sufficient to deal with emerging data concerns relating to neurotechnology?. <i>Journal of Law and the Biosciences</i> , 2020, 7, Isaa051.	0.8	26
48	Emancipation in cross-cultural IS research: The fine line between relativism and dictatorship of the intellectual. <i>Ethics and Information Technology</i> , 2006, 8, 97-108.	2.3	25
49	Interaction and Transformation on Social Media: The Case of Twitter Campaigns. <i>Social Media and Society</i> , 2018, 4, 205630511775072.	1.5	25
50	What Does the Future Hold? A Critical View of Emerging Information and Communication Technologies and Their Social Consequences. <i>International Federation for Information Processing</i> , 2011, , 59-76.	0.4	25
51	From computer ethics and the ethics of AI towards an ethics of digital ecosystems. <i>AI and Ethics</i> , 2022, 2, 65-77.	4.6	24
52	Responsible research and innovation: Critical reflection into the potential social consequences of ICT. , 2013, , .		23
53	Exploring the relationships between pedagogy, ethics and technology: building a framework for strategy development. <i>Technology, Pedagogy and Education</i> , 2007, 16, 111-126.	3.3	22
54	Critical Discourse Analysis as a Review Methodology: An Empirical Example. <i>Communications of the Association for Information Systems</i> , 0, 37, .	0.7	22

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55	Research and innovation processes revisited – networked responsibility in industry. Sustainability Accounting, Management and Policy Journal, 2017, 8, 307-334.	2.4	22
56	An Investigation into Risk Perception in the ICT Industry as a Core Component of Responsible Research and Innovation. Sustainability, 2017, 9, 1424.	1.6	22
57	Policy scenarios as an instrument for policymakers. Technological Forecasting and Social Change, 2020, 154, 119972.	6.2	21
58	Discourses on information ethics: The claim to universality. Ethics and Information Technology, 2008, 10, 97-108.	2.3	20
59	How to Shape a Better Future? Epistemic Difficulties for Ethical Assessment and Anticipatory Governance of Emerging Technologies. Ethical Theory and Moral Practice, 2015, 18, 1027-1047.	0.4	20
60	Philosophical foundations for informing the future(S) through IS research. European Journal of Information Systems, 2018, 27, 367-379.	5.5	20
61	A critical perspective of engagement in online health communities. European Journal of Information Systems, 2019, 28, 523-548.	5.5	19
62	A European Agency for Artificial Intelligence: Protecting fundamental rights and ethical values. Computer Law and Security Review, 2022, 45, 105661.	1.3	19
63	Responsibility for Information Assurance and Privacy. Journal of Organizational and End User Computing, 2004, 16, 59-77.	1.6	18
64	Cultural Universality Versus Particularity in CMC. Journal of Global Information Technology Management, 2004, 7, 47-65.	0.5	18
65	Ethics of Emerging Information and Communication Technologies. Science and Public Policy, 0, , scw069.	1.2	17
66	On Quality and Communication: The Relevance of Critical Theory to Health Informatics. Journal of the Association for Information Systems, 2011, 12, 255-273.	2.4	17
67	Phronesis, argumentation and puzzle solving in IS research: illustrating an approach to phronetic IS research practice. European Journal of Information Systems, 2018, 27, 347-366.	5.5	16
68	Beyond Research Ethics: Dialogues in Neuro-ICT Research. Frontiers in Human Neuroscience, 2019, 13, 105.	1.0	16
69	Research and Practice of AI Ethics: A Case Study Approach Juxtaposing Academic Discourse with Organisational Reality. Science and Engineering Ethics, 2021, 27, 16.	1.7	16
70	Empowerment through ICT: A critical discourse analysis of the Egyptian ICT policy. International Federation for Information Processing, 2008, , 161-177.	0.4	16
71	Enid Mumford: a tribute. Information Systems Journal, 2006, 16, 343-382.	4.1	15
72	The contribution of critical IS research. Communications of the ACM, 2008, 51, 51-55.	3.3	15

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73	Critical Theory as an Approach to the Ethics of Information Security. Science and Engineering Ethics, 2014, 20, 675-699.	1.7	15
74	The professionalisation of information security: Perspectives of UK practitioners. Computers and Security, 2015, 48, 182-195.	4.0	15
75	The role of ethics in data governance of large neuro-ICT projects. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 1099-1107.	2.2	15
76	Digital wildfires. ACM SIGCAS Computers and Society, 2016, 45, 193-201.	0.1	14
77	Ethical and Social Aspects of Neurorobotics. Science and Engineering Ethics, 2020, 26, 2533-2546.	1.7	13
78	Accountability and Reflective Responsibility in Information Systems. , 2006, , 51-68.		12
79	The Ethical Balance of Using Smart Information Systems for Promoting the United Nationsâ€™ Sustainable Development Goals. Sustainability, 2020, 12, 4826.	1.6	11
80	Concepts of Ethics and Their Application to AI. SpringerBriefs in Research and Innovation Governance, 2021, , 19-33.	1.1	11
81	Towards a Complex Automata Multiscale Model of In-Stent Restenosis. Lecture Notes in Computer Science, 2009, , 705-714.	1.0	11
82	Electronic Monitoring in the Workplace. , 2005, , 50-78.		11
83	The obituary as bricolage: the Mann Gulch disaster and the problem of heroic rationality. European Journal of Information Systems, 2005, 14, 487-491.	5.5	10
84	Privacy and security as ideology. IEEE Technology and Society Magazine, 2007, 26, 35-45.	0.6	10
85	Development and emancipation. Journal of Information Communication and Ethics in Society, 2010, 8, 85-107.	1.0	10
86	Participatory design as ethical practice â€“ concepts, reality and conditions. Journal of Information Communication and Ethics in Society, 2014, 12, 10-13.	1.0	10
87	Civil Society Organisations in Research: A Literature-Based Typology. Voluntas, 2017, 28, 1988-2010.	1.1	10
88	Eâ€“voting: an example of collaborative eâ€“teaching and eâ€“learning. Interactive Technology and Smart Education, 2005, 2, 19-30.	3.8	9
89	Technofixing the Future: Ethical Side Effects of Using AI and Big Data to Meet the SDGs. , 2019, , .		9
90	From collaborative to institutional reflexivity: Calibrating responsibility in the funding process. Science and Public Policy, 2021, 47, 720-732.	1.2	9

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91	Evaluating Emerging ICTs: A Critical Capability Approach of Technology. <i>Philosophy of Engineering and Technology</i> , 2012, , 57-76.	0.1	9
92	Who is Responsible for Responsible Innovation? Lessons From an Investigation into Responsible Innovation in Health Comment on "What Health System Challenges Should Responsible Innovation in Health Address? Insights From an International Scoping Review". <i>International Journal of Health Policy and Management</i> , 2019, 8, 447-449.	0.5	9
93	Virtual suicide and other ethical issues of emerging information technologies. <i>Futures</i> , 2013, 50, 35-43.	1.4	8
94	Whatâ€™s in a face? Making sense of tangible information systems in terms of Peircean semiotics. <i>European Journal of Information Systems</i> , 2018, 27, 295-314.	5.5	7
95	Addressing Ethical Issues in AI. <i>SpringerBriefs in Research and Innovation Governance</i> , 2021, , 55-79.	1.1	7
96	Reflective responsibility for risk: a critical view of software and information systems development risk management. <i>International Journal of Risk Assessment and Management</i> , 2007, 7, 312.	0.2	6
97	Forensic Computing in the Workplace: Hegemony, Ideology, and the Perfect Panopticon?. <i>Journal of Workplace Rights</i> , 2008, 13, 167-183.	0.2	6
98	Managing Ethics in the HBP: A Reflective and Dialogical Approach. <i>AJOB Neuroscience</i> , 2016, 7, 20-24.	0.6	6
99	Ethical Issues of Information and Business. , 0, , 311-335.		6
100	What Future? Which Technology? On the Problem of Describing Relevant Futures. <i>International Federation for Information Processing</i> , 2011, , 95-108.	0.4	6
101	The Ideology of Design: A Critical Appreciation of the Design Science Discourse in Information Systems and <i>Wirtschaftsinformatik</i> . , 2009, , 111-132.		6
102	Creativity and Intelligence in Small and Medium Sized Enterprises: The Role of Information Systems. <i>IFIP Advances in Information and Communication Technology</i> , 2009, , 1-9.	0.5	6
103	The responsible company of the future: reflective responsibility in business. <i>Futures</i> , 2005, 37, 117-131.	1.4	5
104	Ethical and legal issues of the use of computational intelligence techniques in computer security and computer forensics. , 2010, , .		5
105	Developing responsible research and innovation for robotics. , 2014, , .		5
106	The Observatory for Responsible Research and Innovation in ICT: Identifying Problems and Sharing Good Practice. , 2015, , 105-120.		5
107	Does Ontology Influence Technological Projects? The Case of Irish Electronic Voting. <i>Lecture Notes in Computer Science</i> , 2005, , 657-667.	1.0	5
108	Improving brain computer interface research through user involvement - The transformative potential of integrating civil society organisations in research projects. <i>PLoS ONE</i> , 2017, 12, e0171818.	1.1	5

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109	Das kollektive Subjekt der Verantwortung. Zeitschrift für Wirtschafts- Und Unternehmensethik, 2000, 1, 225-236.	0.1	5
110	Intelligence Techniques in Computer Security and Forensics: At the Boundaries of Ethics and Law. Studies in Computational Intelligence, 2012, , 237-258.	0.7	5
111	Future Technologies: The Matter of Emergent Ethical Issues in Their Development. , 2009, , .		4
112	Analysing a national information strategy: a critical approach. International Journal of Intercultural Information Management, 2010, 2, 232.	0.0	4
113	Emerging technologies as the next pandemic?. Ethics and Information Technology, 2021, 23, 135-137.	2.3	4
114	Perspectives on Artificial Intelligence. SpringerBriefs in Research and Innovation Governance, 2021, , 7-17.	1.1	4
115	Ethics in innovation management as meta-responsibility. , 2019, , 435-456.		4
116	The Impact of the UK Human Rights Act 1998 on Privacy Protection in the Workplace. , 2008, , 55-68.		4
117	CCTV Identity Management and Implications for Criminal Justice: some considerations. Surveillance & Society, 2008, 5, .	0.4	3
118	Intersectional observations of the Human Brain Project's approach to sex and gender. Journal of Information Communication and Ethics in Society, 2019, 17, 128-144.	1.0	3
119	Identity Politics: Participatory Research and Its Challenges Related to Social and Epistemic Control. Social Epistemology, 2020, 34, 382-394.	0.7	3
120	ETICA Workshop on Computer Ethics: Exploring Normative Issues. International Federation for Information Processing, 2011, , 64-77.	0.4	3
121	Privacy as a shared feature of the e-phenomenon: a comparison of privacy policies in e-government, e-commerce and e-teaching. International Journal of Information Technology and Management, 2007, 6, 232.	0.1	2
122	Responsible Research in IT. Itnow, 2018, 60, 14-15.	0.1	2
123	AI Ecosystems for Human Flourishing: The Recommendations. SpringerBriefs in Research and Innovation Governance, 2021, , 91-115.	1.1	2
124	Against Commodification: The University, Cognitive Capitalism and Emergent Technologies. , 2015, , 65-97.		2
125	Responsibility for Information Assurance and Privacy. Advances in End User Computing Series, 2005, , 186-207.	0.1	2
126	When Does a Computer Speak the Truth? The Problem of It and Validity Claims. IFIP Advances in Information and Communication Technology, 2003, , 91-107.	0.5	2



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127	The Paradigm of E-Commerce in E-Government and E-Democracy. , 2008, , 281-296.		2
128	Ethics of European Institutions as Normative Foundation of Responsible Research and Innovation in ICT. , 2016, , 207-219.		2
129	Responsibility in the interconnected economy. Business Ethics, 2001, 10, 213-222.	3.5	1
130	Critical Social Information Systems Research. , 2011, , .		1
131	Understanding the relevance of ethics reviews of ICT research in UK computing departments using dialectical hermeneutics. Journal of Information Communication and Ethics in Society, 2015, 13, 28-38.	1.0	1
132	'Digital Wildfires'. , 2015, , .		1
133	Social Justice and Market Metaphysics. , 2007, , 148-170.		1
134	Information Ethics as Ideology. , 2007, , 348-354.		1
135	A Quality Assurance Approach to Healthcare. , 2010, , 333-352.		1
136	Identifying the Ethics of Emerging Information and Communication Technologies. , 2012, , 61-79.		1
137	The Role of Privacy in the Framework for Responsible Research and Innovation in ICT for Health, Demographic Change and Ageing. IFIP Advances in Information and Communication Technology, 2016, , 92-104.	0.5	1
138	Responsible innovation in ICT: challenges for industry. , 2019, , .		1
139	Forming IT Professionals in the Internet Age. , 0, , 120-139.		1
140	David Schmidtz & Robert E Goodin, Social Welfare and individual Responsibility. Ethical Theory and Moral Practice, 2000, 3, 227-228.	0.4	0
141	Lorenzo Magnani, Morality in a Technological World: Knowledge as Duty. Minds and Machines, 2009, 19, 297-299.	2.7	0
142	Spaces for responsible innovation in entrepreneurship â€” A conceptual analysis. , 2013, , .		0
143	Responsible Innovation. Itnow, 2014, 56, 20-22.	0.1	0
144	Is Forensic Computing a Profession? Revisiting an Old Debate in a New Field. Digital Forensics, Security and Law Journal, 0, , .	0.0	0

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145	Forensic Computing. , 2006, , 291-310.		0
146	Lost in the Funhouse, is Anyone in Control?. , 2008, , 438-454.		0
147	Evolution as Metaphor: A Critical Review of the Use of Evolutionary Concepts in Information Systems and e-Commerce. Integrated Series on Information Systems, 2010, , 357-375.	0.1	0
148	Ethical Issues of Emerging ICT Applications. , 2013, , 39-50.		0
149	Ethical Issues of Emerging ICT Applications. , 2015, , 1349-1360.		0
150	Privacy in the Human Brain Project: The Perspective of Ethics Management. IFIP Advances in Information and Communication Technology, 2016, , 52-55.	0.5	0
151	Implementing Responsible Research and Innovation for Care Robots through BS 8611. , 2018, , 181-194.		0
152	Digital events and the ethics of neuro-ICT. , 2019, , 85-95.		0