

# Bernd Carsten Stahl

## List of Publications by Year in Descending Order

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**Version:** 2024-04-24

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

147  
papers

2,203  
citations

25  
h-index

40  
g-index

160  
ext. papers

2,874  
ext. citations

3.5  
avg, IF

5.95  
L-index

#	Paper	IF	Citations
147	Brain simulation as a cloud service: The Virtual Brain on EBRAINS.. <i>NeuroImage</i> , <b>2022</b> , 118973	7.9	4
146	Responsible innovation ecosystems: Ethical implications of the application of the ecosystem concept to artificial intelligence. <i>International Journal of Information Management</i> , <b>2022</b> , 62, 102441	16.4	10
145	A European Agency for Artificial Intelligence: Protecting fundamental rights and ethical values. <i>Computer Law and Security Review</i> , <b>2022</b> , 45, 105661	3	3
144	Framing governance for a contested emerging technology: insights from AI policy. <i>Policy and Society</i> , <b>2021</b> , 40, 158-177	8.1	18
143	Good governance as a response to discontents? Dilemma, or lessons for AI from other emerging technologies. <i>Interdisciplinary Science Reviews</i> , <b>2021</b> , 46, 71-93	0.7	13
142	Research and Practice of AI Ethics: A Case Study Approach Juxtaposing Academic Discourse with Organisational Reality. <i>Science and Engineering Ethics</i> , <b>2021</b> , 27, 16	3.1	6
141	Artificial intelligence ethics guidelines for developers and users: clarifying their content and normative implications. <i>Journal of Information Communication and Ethics in Society</i> , <b>2021</b> , 19, 61-86	1.2	37
140	From collaborative to institutional reflexivity: Calibrating responsibility in the funding process. <i>Science and Public Policy</i> , <b>2021</b> , 47, 720-732	1.8	2
139	Ethical Issues of AI. <i>SpringerBriefs in Research and Innovation Governance</i> , <b>2021</b> , 35-53	0.6	6
138	Addressing Ethical Issues in AI. <i>SpringerBriefs in Research and Innovation Governance</i> , <b>2021</b> , 55-79	0.6	2
137	AI Ecosystems for Human Flourishing: The Recommendations. <i>SpringerBriefs in Research and Innovation Governance</i> , <b>2021</b> , 91-115	0.6	0
136	Perspectives on Artificial Intelligence. <i>SpringerBriefs in Research and Innovation Governance</i> , <b>2021</b> , 7-17	0.6	0
135	Concepts of Ethics and Their Application to AI. <i>SpringerBriefs in Research and Innovation Governance</i> , <b>2021</b> , 19-33	0.6	1
134	Artificial intelligence for human flourishing [Beyond principles for machine learning. <i>Journal of Business Research</i> , <b>2021</b> , 124, 374-388	8.7	20
133	Policy scenarios as an instrument for policymakers. <i>Technological Forecasting and Social Change</i> , <b>2020</b> , 154, 119972	9.5	11
132	The Ethical Balance of Using Smart Information Systems for Promoting the United Nations Sustainable Development Goals. <i>Sustainability</i> , <b>2020</b> , 12, 4826	3.6	8
131	Identity Politics: Participatory Research and Its Challenges Related to Social and Epistemic Control. <i>Social Epistemology</i> , <b>2020</b> , 34, 382-394	0.6	0

130	Emerging technologies as the next pandemic?: Possible consequences of the Covid crisis for the future of responsible research and innovation. <i>Ethics and Information Technology</i> , <b>2020</b> , 1-3	3.7	4
129	Ethical and Social Aspects of Neurorobotics. <i>Science and Engineering Ethics</i> , <b>2020</b> , 26, 2533-2546	3.1	8
128	Is the European Data Protection Regulation sufficient to deal with emerging data concerns relating to neurotechnology?. <i>Journal of Law and the Biosciences</i> , <b>2020</b> , 7, lsa051	4.1	6
127	The future of ICT for health and ageing: Unveiling ethical and social issues through horizon scanning foresight. <i>Technological Forecasting and Social Change</i> , <b>2020</b> , 155, 119995	9.5	9
126	Ethics in corporate research and development: can responsible research and innovation approaches aid sustainability?. <i>Journal of Cleaner Production</i> , <b>2019</b> , 239, 118044	10.3	15
125	Beyond Research Ethics: Dialogues in Neuro-ICT Research. <i>Frontiers in Human Neuroscience</i> , <b>2019</b> , 13, 105	3.3	7
124	A critical perspective of engagement in online health communities. <i>European Journal of Information Systems</i> , <b>2019</b> , 28, 523-548	6.4	1
123	Responsible Data Governance of Neuroscience Big Data. <i>Frontiers in Neuroinformatics</i> , <b>2019</b> , 13, 28	3.9	14
122	The Human Brain Project: Responsible Brain Research for the Benefit of Society. <i>Neuron</i> , <b>2019</b> , 101, 380-384	3.9	20
121	Ethics in innovation management as meta-responsibility <b>2019</b> , 435-456		3
120	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> , <b>2019</b> , 8, 447-449	2.5	4
119	Digital events and the ethics of neuro-ICT <b>2019</b> , 85-95		
118	Technofixing the Future: Ethical Side Effects of Using AI and Big Data to Meet the SDGs <b>2019</b> ,		8
117	Intersectional observations of the Human Brain Project's approach to sex and gender. <i>Journal of Information Communication and Ethics in Society</i> , <b>2019</b> , 17, 128-144	1.2	3
116	Phronesis, argumentation and puzzle solving in IS research: illustrating an approach to phronetic IS research practice. <i>European Journal of Information Systems</i> , <b>2018</b> , 27, 347-366	6.4	10
115	Accompanying technology development in the Human Brain Project: From foresight to ethics management. <i>Futures</i> , <b>2018</b> , 102, 114-124	3.6	18
114	Interaction and Transformation on Social Media: The Case of Twitter Campaigns. <i>Social Media and Society</i> , <b>2018</b> , 4, 205630511775072	2.3	17
113	What's in a face? Making sense of tangible information systems in terms of Peircean semiotics. <i>European Journal of Information Systems</i> , <b>2018</b> , 27, 295-314	6.4	3

112	Philosophical foundations for informing the future(S) through IS research. <i>European Journal of Information Systems</i> , <b>2018</b> , 27, 367-379	6.4	12
111	Ethics and Privacy in AI and Big Data: Implementing Responsible Research and Innovation. <i>IEEE Security and Privacy</i> , <b>2018</b> , 16, 26-33	2	64
110	Responsible Research and Innovation in Industry: Challenges, Insights and Perspectives. <i>Sustainability</i> , <b>2018</b> , 10, 702	3.6	42
109	Philosophy and information systems: where are we and where should we go?. <i>European Journal of Information Systems</i> , <b>2018</b> , 27, 263-277	6.4	18
108	Implementing Responsible Research and Innovation for Care Robots through BS 8611 <b>2018</b> , 181-194		
107	The role of ethics in data governance of large neuro-ICT projects. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2018</b> , 25, 1099-1107	8.6	9
106	Responsible research and innovation in the digital age. <i>Communications of the ACM</i> , <b>2017</b> , 60, 62-68	2.5	45
105	Research and innovation processes revisited [networked responsibility in industry. <i>Sustainability Accounting, Management and Policy Journal</i> , <b>2017</b> , 8, 307-334	3.2	16
104	Systematic review of the concentrations of oligosaccharides in human milk. <i>Nutrition Reviews</i> , <b>2017</b> , 75, 920-933	6.4	175
103	The Responsible Research and Innovation (RRI) Maturity Model: Linking Theory and Practice. <i>Sustainability</i> , <b>2017</b> , 9, 1036	3.6	67
102	The Ethical Challenges of Publishing Twitter Data for Research Dissemination <b>2017</b> ,		23
101	Civil Society Organisations in Research: A Literature-Based Typology. <i>Voluntas</i> , <b>2017</b> , 28, 1988-2010	1.8	8
100	Innovating Responsibly in ICT for Ageing: Drivers, Obstacles and Implementation. <i>Sustainability</i> , <b>2017</b> , 9, 971	3.6	28
99	An Investigation into Risk Perception in the ICT Industry as a Core Component of Responsible Research and Innovation. <i>Sustainability</i> , <b>2017</b> , 9, 1424	3.6	15
98	Improving brain computer interface research through user involvement - The transformative potential of integrating civil society organisations in research projects. <i>PLoS ONE</i> , <b>2017</b> , 12, e0171818	3.7	2
97	Managing Ethics in the HBP: A Reflective and Dialogical Approach. <i>AJOB Neuroscience</i> , <b>2016</b> , 7, 20-24	0.8	5
96	The Ethics of Computing. <i>ACM Computing Surveys</i> , <b>2016</b> , 48, 1-38	13.4	43
95	The Role of Privacy in the Framework for Responsible Research and Innovation in ICT for Health, Demographic Change and Ageing. <i>IFIP Advances in Information and Communication Technology</i> , <b>2016</b> , 92-104	0.5	

94	Ethics of European Institutions as Normative Foundation of Responsible Research and Innovation in ICT <b>2016</b> , 207-219		0
93	Privacy in the Human Brain Project: The Perspective of Ethics Management. <i>IFIP Advances in Information and Communication Technology</i> , <b>2016</b> , 52-55	0.5	
92	Digital wildfires. <i>ACM SIGCAS Computers and Society</i> , <b>2016</b> , 45, 193-201	0	11
91	Digital Wildfires. <i>ACM Transactions on Information Systems</i> , <b>2016</b> , 34, 1-23	4.8	30
90	Ethics of Emerging Information and Communication Technologies On the implementation of responsible research and innovation. <i>Science and Public Policy</i> , <b>2016</b> , scw069	1.8	8
89	Ethics of healthcare robotics: Towards responsible research and innovation. <i>Robotics and Autonomous Systems</i> , <b>2016</b> , 86, 152-161	3.5	92
88	How to Shape a Better Future? Epistemic Difficulties for Ethical Assessment and Anticipatory Governance of Emerging Technologies. <i>Ethical Theory and Moral Practice</i> , <b>2015</b> , 18, 1027-1047	0.6	14
87	The Observatory for Responsible Research and Innovation in ICT: Identifying Problems and Sharing Good Practice <b>2015</b> , 105-120		3
86	The Ethical Implications of HCI's Turn to the Cultural. <i>ACM Transactions on Computer-Human Interaction</i> , <b>2015</b> , 22, 1-37	4.7	25
85	Understanding the relevance of ethics reviews of ICT research in UK computing departments using dialectical hermeneutics. <i>Journal of Information Communication and Ethics in Society</i> , <b>2015</b> , 13, 28-38	1.2	1
84	'Digital Wildfires' <b>2015</b> ,		1
83	Critical Discourse Analysis as a Review Methodology: An Empirical Example. <i>Communications of the Association for Information Systems</i> , <b>2015</b> , 37,	1.3	9
82	The professionalisation of information security: Perspectives of UK practitioners. <i>Computers and Security</i> , <b>2015</b> , 48, 182-195	4.9	12
81	Ethical Issues of Emerging ICT Applications <b>2015</b> , 1349-1360		
80	From computer ethics to responsible research and innovation in ICT: The transition of reference discourses informing ethics-related research in information systems. <i>Information and Management</i> , <b>2014</b> , 51, 810-818	6.6	52
79	Tomorrow's ethics and today's response: An investigation into the ways information systems professionals perceive and address emerging ethical issues. <i>Information Systems Frontiers</i> , <b>2014</b> , 16, 383-397	4.9	19
78	The empathic care robot: A prototype of responsible research and innovation. <i>Technological Forecasting and Social Change</i> , <b>2014</b> , 84, 74-85	9.5	47
77	Interpretive accounts and fairy tales: a critical polemic against the empiricist bias in interpretive IS research. <i>European Journal of Information Systems</i> , <b>2014</b> , 23, 1-11	6.4	18

76	Participatory design as ethical practice [Concepts, reality and conditions. <i>Journal of Information Communication and Ethics in Society</i> , <b>2014</b> , 12, 10-13	1.2	9
75	Developing responsible research and innovation for robotics <b>2014</b> ,		4
74	Critical theory as an approach to the ethics of information security. <i>Science and Engineering Ethics</i> , <b>2014</b> , 20, 675-99	3.1	11
73	Virtual suicide and other ethical issues of emerging information technologies. <i>Futures</i> , <b>2013</b> , 50, 35-43	3.6	6
72	Responsible research and innovation: Critical reflection into the potential social consequences of ICT <b>2013</b> ,		17
71	Responsible research and innovation: The role of privacy in an emerging framework. <i>Science and Public Policy</i> , <b>2013</b> , 40, 708-716	1.8	94
70	Ethical Issues of Emerging ICT Applications <b>2013</b> , 39-50		
69	Developing an Instrument for E-Public Services [Acceptance Using Confirmatory Factor Analysis. <i>Journal of Organizational and End User Computing</i> , <b>2012</b> , 24, 18-44	6.2	14
68	Information security policies in the UK healthcare sector: a critical evaluation. <i>Information Systems Journal</i> , <b>2012</b> , 22, 77-94	5.9	45
67	Morality, Ethics, and Reflection: A Categorization of Normative IS Research. <i>Journal of the Association for Information Systems</i> , <b>2012</b> , 13, 636-656	1.8	31
66	Evaluating Emerging ICTs: A Critical Capability Approach of Technology. <i>Philosophy of Engineering and Technology</i> , <b>2012</b> , 57-76	0.1	6
65	Intelligence Techniques in Computer Security and Forensics: At the Boundaries of Ethics and Law. <i>Studies in Computational Intelligence</i> , <b>2012</b> , 237-258	0.8	4
64	Identifying the Ethics of Emerging Information and Communication Technologies <b>2012</b> , 61-79		1
63	Critical Social Information Systems Research <b>2011</b> ,		1
62	Technology, capabilities and critical perspectives: what can critical theory contribute to Sen's capability approach?. <i>Ethics and Information Technology</i> , <b>2011</b> , 13, 69-80	3.7	71
61	Focus groups and critical social IS research: how the choice of method can promote emancipation of respondents and researchers. <i>European Journal of Information Systems</i> , <b>2011</b> , 20, 378-394	6.4	31
60	IT for a better future: how to integrate ethics, politics and innovation. <i>Journal of Information Communication and Ethics in Society</i> , <b>2011</b> , 9, 140-156	1.2	35
59	On Quality and Communication: The Relevance of Critical Theory to Health Informatics. <i>Journal of the Association for Information Systems</i> , <b>2011</b> , 12, 255-273	1.8	12

58	ETICA Workshop on Computer Ethics: Exploring Normative Issues. <i>International Federation for Information Processing</i> , <b>2011</b> , 64-77		2
57	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> , <b>2011</b> , 59-76		17
56	What Future? Which Technology? On the Problem of Describing Relevant Futures. <i>International Federation for Information Processing</i> , <b>2011</b> , 95-108		6
55	Identifying the Ethics of Emerging Information and Communication Technologies. <i>International Journal of Technoethics</i> , <b>2010</b> , 1, 20-38	0.9	31
54	Ethical and legal issues of the use of computational intelligence techniques in computer security and computer forensics <b>2010</b> ,		5
53	The Ethics of Cloud Computing: A Conceptual Review <b>2010</b> ,		24
52	Development and emancipation. <i>Journal of Information Communication and Ethics in Society</i> , <b>2010</b> , 8, 85-107	1.2	7
51	Analysing a national information strategy: a critical approach. <i>International Journal of Intercultural Information Management</i> , <b>2010</b> , 2, 232		2
50	A Quality Assurance Approach to Healthcare <b>2010</b> , 333-352		
49	Evolution as Metaphor: A Critical Review of the Use of Evolutionary Concepts in Information Systems and e-Commerce. <i>Integrated Series on Information Systems</i> , <b>2010</b> , 357-375		
48	Future Technologies: The Matter of Emergent Ethical Issues in Their Development <b>2009</b> ,		1
47	Lorenzo Magnani, Morality in a Technological World: Knowledge as Duty. <i>Minds and Machines</i> , <b>2009</b> , 19, 297-299	4.9	
46	Towards a Complex Automata Multiscale Model of In-Stent Restenosis. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 705-714	0.9	8
45	The Ideology of Design: A Critical Appreciation of the Design Science Discourse in Information Systems and Wirtschaftsinformatik <b>2009</b> , 111-132		2
44	Creativity and Intelligence in Small and Medium Sized Enterprises: The Role of Information Systems. <i>IFIP Advances in Information and Communication Technology</i> , <b>2009</b> , 1-9	0.5	5
43	The ethical nature of critical research in information systems. <i>Information Systems Journal</i> , <b>2008</b> , 18, 137-163	5.9	44
42	Forensic Computing in the Workplace: Hegemony, Ideology, and the Perfect Panopticon?. <i>Journal of Workplace Rights</i> , <b>2008</b> , 13, 167-183		4
41	The contribution of critical IS research. <i>Communications of the ACM</i> , <b>2008</b> , 51, 51-55	2.5	12

40	CCTV Identity Management and Implications for Criminal Justice: some considerations. <i>Surveillance &amp; Society</i> , <b>2008</b> , 5,	2.3	2
39	Discourses on information ethics: The claim to universality. <i>Ethics and Information Technology</i> , <b>2008</b> , 10, 97-108	3.7	13
38	The Paradigm of E-Commerce in E-Government and E-Democracy <b>2008</b> , 281-296		2
37	The Impact of the UK Human Rights Act 1998 on Privacy Protection in the Workplace <b>2008</b> , 55-68		2
36	Lost in the Funhouse, is Anyone in Control? <b>2008</b> , 438-454		
35	Empowerment through ICT: A critical discourse analysis of the Egyptian ICT policy. <i>International Federation for Information Processing</i> , <b>2008</b> , 161-177		11
34	Exploring the relationships between pedagogy, ethics and technology: building a framework for strategy development. <i>Technology, Pedagogy and Education</i> , <b>2007</b> , 16, 111-126	2.3	15
33	Reflective responsibility for risk: a critical view of software and information systems development risk management. <i>International Journal of Risk Assessment and Management</i> , <b>2007</b> , 7, 312	0.9	4
32	Privacy as a shared feature of the e-phenomenon: a comparison of privacy policies in e-government, e-commerce and e-teaching. <i>International Journal of Information Technology and Management</i> , <b>2007</b> , 6, 232	0.2	1
31	Privacy and security as ideology. <i>IEEE Technology and Society Magazine</i> , <b>2007</b> , 26, 35-45	0.8	9
30	ETHICS, Morality and Critique: An Essay on Enid Mumford's Socio-Technical Approach. <i>Journal of the Association for Information Systems</i> , <b>2007</b> , 8, 479-490	1.8	25
29	Social Justice and Market Metaphysics <b>2007</b> , 148-170		
28	Information Ethics as Ideology <b>2007</b> , 348-354		1
27	Enid Mumford: a tribute. <i>Information Systems Journal</i> , <b>2006</b> , 16, 343-382	5.9	9
26	Responsible computers? A case for ascribing quasi-responsibility to computers independent of personhood or agency. <i>Ethics and Information Technology</i> , <b>2006</b> , 8, 205-213	3.7	28
25	Emancipation in cross-cultural IS research: The fine line between relativism and dictatorship of the intellectual. <i>Ethics and Information Technology</i> , <b>2006</b> , 8, 97-108	3.7	17
24	Responsible Management of Digital Divides: An Oxymoronic Endeavor? <b>2006</b> , 231-243		
23	Forensic Computing <b>2006</b> , 291-310		



22	Accountability and Reflective Responsibility in Information Systems <b>2006</b> , 51-68		7
21	E-voting: an example of collaborative e-teaching and e-learning. <i>Interactive Technology and Smart Education</i> , <b>2005</b> , 2, 19-30	2.4	6
20	The responsible company of the future: reflective responsibility in business. <i>Futures</i> , <b>2005</b> , 37, 117-131	3.6	4
19	The obituary as bricolage: the Mann Gulch disaster and the problem of heroic rationality. <i>European Journal of Information Systems</i> , <b>2005</b> , 14, 487-491	6.4	9
18	Electronic Monitoring in the Workplace <b>2005</b> , 50-78		5
17	Responsibility for Information Assurance and Privacy. <i>Advances in End User Computing Series</i> , <b>2005</b> , 186-207		2
16	Does Ontology Influence Technological Projects? The Case of Irish Electronic Voting. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 657-667	0.9	5
15	Responsibility for Information Assurance and Privacy. <i>Journal of Organizational and End User Computing</i> , <b>2004</b> , 16, 59-77	6.2	8
14	Information, Ethics, and Computers: The Problem of Autonomous Moral Agents. <i>Minds and Machines</i> , <b>2004</b> , 14, 67-83	4.9	40
13	Cultural Universality Versus Particularity in CMC. <i>Journal of Global Information Technology Management</i> , <b>2004</b> , 7, 47-65	2.3	9
12	Responsible Management of Information Systems <b>2004</b> ,		17
11	When Does a Computer Speak the Truth? The Problem of It and Validity Claims. <i>IFIP Advances in Information and Communication Technology</i> , <b>2003</b> , 91-107	0.5	1
10	Responsibility in the interconnected economy. <i>Business Ethics</i> , <b>2001</b> , 10, 213-222	3.3	
9	David Schmidtz & Robert E Goodin, Social Welfare and individual Responsibility. <i>Ethical Theory and Moral Practice</i> , <b>2000</b> , 3, 227-228	0.6	
8	On the Difference or Equality of Information, Misinformation, and Disinformation: A Critical Research Perspective. <i>Informing Science</i> , 9, 083-096		39
7	Information Systems		25
6	From computer ethics and the ethics of AI towards an ethics of digital ecosystems. <i>AI and Ethics</i> , 1	2	6
5	Organisational responses to the ethical issues of artificial intelligence. <i>AI and Society</i> , 1	2.1	9

4	From Responsible Research and Innovation to responsibility by design. <i>Journal of Responsible Innovation</i> ,1-24	2.1	8
3	Ethical Issues of Information and Business311-335		5
2	Responsible Research and Innovation in Information and Communication Technology: Identifying and Engaging with the Ethical Implications of ICTs199-218		39
1	Forming IT Professionals in the Internet Age120-139		