

Bernd Carsten Stahl

List of Publications by Citations

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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 | Systematic review of the concentrations of oligosaccharides in human milk. <i>Nutrition Reviews</i> , 2017 , 75, 920-933 | 6.4 | 175 |
| 146 | Responsible research and innovation: The role of privacy in an emerging framework. <i>Science and Public Policy</i> , 2013 , 40, 708-716 | 1.8 | 94 |
| 145 | Ethics of healthcare robotics: Towards responsible research and innovation. <i>Robotics and Autonomous Systems</i> , 2016 , 86, 152-161 | 3.5 | 92 |
| 144 | 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 | 3.7 | 71 |
| 143 | The Responsible Research and Innovation (RRI) Maturity Model: Linking Theory and Practice. <i>Sustainability</i> , 2017 , 9, 1036 | 3.6 | 67 |
| 142 | Ethics and Privacy in AI and Big Data: Implementing Responsible Research and Innovation. <i>IEEE Security and Privacy</i> , 2018 , 16, 26-33 | 2 | 64 |
| 141 | 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> , 2014 , 51, 810-818 | 6.6 | 52 |
| 140 | The empathic care robot: A prototype of responsible research and innovation. <i>Technological Forecasting and Social Change</i> , 2014 , 84, 74-85 | 9.5 | 47 |
| 139 | Responsible research and innovation in the digital age. <i>Communications of the ACM</i> , 2017 , 60, 62-68 | 2.5 | 45 |
| 138 | Information security policies in the UK healthcare sector: a critical evaluation. <i>Information Systems Journal</i> , 2012 , 22, 77-94 | 5.9 | 45 |
| 137 | The ethical nature of critical research in information systems. <i>Information Systems Journal</i> , 2008 , 18, 137-163 | 5.9 | 44 |
| 136 | The Ethics of Computing. <i>ACM Computing Surveys</i> , 2016 , 48, 1-38 | 13.4 | 43 |
| 135 | Responsible Research and Innovation in Industry—Challenges, Insights and Perspectives. <i>Sustainability</i> , 2018 , 10, 702 | 3.6 | 42 |
| 134 | Information, Ethics, and Computers: The Problem of Autonomous Moral Agents. <i>Minds and Machines</i> , 2004 , 14, 67-83 | 4.9 | 40 |
| 133 | On the Difference or Equality of Information, Misinformation, and Disinformation: A Critical Research Perspective. <i>Informing Science</i> , 9 , 083-096 | | 39 |
| 132 | Responsible Research and Innovation in Information and Communication Technology: Identifying and Engaging with the Ethical Implications of ICTs | | 39 |
| 131 | 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 | 1.2 | 37 |

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| 130 | IT for a better future: how to integrate ethics, politics and innovation. <i>Journal of Information Communication and Ethics in Society</i> , 2011 , 9, 140-156 | 1.2 | 35 |
| 129 | Identifying the Ethics of Emerging Information and Communication Technologies. <i>International Journal of Technoethics</i> , 2010 , 1, 20-38 | 0.9 | 31 |
| 128 | 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> , 2011 , 20, 378-394 | 6.4 | 31 |
| 127 | Morality, Ethics, and Reflection: A Categorization of Normative IS Research. <i>Journal of the Association for Information Systems</i> , 2012 , 13, 636-656 | 1.8 | 31 |
| 126 | Digital Wildfires. <i>ACM Transactions on Information Systems</i> , 2016 , 34, 1-23 | 4.8 | 30 |
| 125 | Innovating Responsibly in ICT for Ageing: Drivers, Obstacles and Implementation. <i>Sustainability</i> , 2017 , 9, 971 | 3.6 | 28 |
| 124 | Responsible computers? A case for ascribing quasi-responsibility to computers independent of personhood or agency. <i>Ethics and Information Technology</i> , 2006 , 8, 205-213 | 3.7 | 28 |
| 123 | The Ethical Implications of HCI's Turn to the Cultural. <i>ACM Transactions on Computer-Human Interaction</i> , 2015 , 22, 1-37 | 4.7 | 25 |
| 122 | ETHICS, Morality and Critique: An Essay on Enid Mumford's Socio-Technical Approach. <i>Journal of the Association for Information Systems</i> , 2007 , 8, 479-490 | 1.8 | 25 |
| 121 | Information Systems | | 25 |
| 120 | The Ethics of Cloud Computing: A Conceptual Review 2010 , | | 24 |
| 119 | The Ethical Challenges of Publishing Twitter Data for Research Dissemination 2017 , | | 23 |
| 118 | The Human Brain Project: Responsible Brain Research for the Benefit of Society. <i>Neuron</i> , 2019 , 101, 380-384 | 3.9 | 20 |
| 117 | Artificial intelligence for human flourishing [Beyond principles for machine learning. <i>Journal of Business Research</i> , 2021 , 124, 374-388 | 8.7 | 20 |
| 116 | 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> , 2014 , 16, 383-397 | 4.97 | 19 |
| 115 | Accompanying technology development in the Human Brain Project: From foresight to ethics management. <i>Futures</i> , 2018 , 102, 114-124 | 3.6 | 18 |
| 114 | Philosophy and information systems: where are we and where should we go?. <i>European Journal of Information Systems</i> , 2018 , 27, 263-277 | 6.4 | 18 |
| 113 | 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 | 6.4 | 18 |

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| 112 | Framing governance for a contested emerging technology: insights from AI policy. <i>Policy and Society</i> , 2021 , 40, 158-177 | 8.1 | 18 |
| 111 | Interaction and Transformation on Social Media: The Case of Twitter Campaigns. <i>Social Media and Society</i> , 2018 , 4, 205630511775072 | 2.3 | 17 |
| 110 | Responsible research and innovation: Critical reflection into the potential social consequences of ICT 2013 , | | 17 |
| 109 | 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 | 3.7 | 17 |
| 108 | Responsible Management of Information Systems 2004 , | | 17 |
| 107 | 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 | | 17 |
| 106 | Research and innovation processes revisited [networked responsibility in industry. <i>Sustainability Accounting, Management and Policy Journal</i> , 2017 , 8, 307-334 | 3.2 | 16 |
| 105 | Ethics in corporate research and development: can responsible research and innovation approaches aid sustainability?. <i>Journal of Cleaner Production</i> , 2019 , 239, 118044 | 10.3 | 15 |
| 104 | An Investigation into Risk Perception in the ICT Industry as a Core Component of Responsible Research and Innovation. <i>Sustainability</i> , 2017 , 9, 1424 | 3.6 | 15 |
| 103 | Exploring the relationships between pedagogy, ethics and technology: building a framework for strategy development. <i>Technology, Pedagogy and Education</i> , 2007 , 16, 111-126 | 2.3 | 15 |
| 102 | Responsible Data Governance of Neuroscience Big Data. <i>Frontiers in Neuroinformatics</i> , 2019 , 13, 28 | 3.9 | 14 |
| 101 | How to Shape a Better Future? Epistemic Difficulties for Ethical Assessment and Anticipatory Governance of Emerging Technologies. <i>Ethical Theory and Moral Practice</i> , 2015 , 18, 1027-1047 | 0.6 | 14 |
| 100 | Developing an Instrument for E-Public Services [Acceptance Using Confirmatory Factor Analysis. <i>Journal of Organizational and End User Computing</i> , 2012 , 24, 18-44 | 6.2 | 14 |
| 99 | Discourses on information ethics: The claim to universality. <i>Ethics and Information Technology</i> , 2008 , 10, 97-108 | 3.7 | 13 |
| 98 | Good governance as a response to discontents? D[ivi]u, or lessons for AI from other emerging technologies. <i>Interdisciplinary Science Reviews</i> , 2021 , 46, 71-93 | 0.7 | 13 |
| 97 | Philosophical foundations for informing the future(S) through IS research. <i>European Journal of Information Systems</i> , 2018 , 27, 367-379 | 6.4 | 12 |
| 96 | The professionalisation of information security: Perspectives of UK practitioners. <i>Computers and Security</i> , 2015 , 48, 182-195 | 4.9 | 12 |
| 95 | The contribution of critical IS research. <i>Communications of the ACM</i> , 2008 , 51, 51-55 | 2.5 | 12 |

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| 94 | On Quality and Communication: The Relevance of Critical Theory to Health Informatics. <i>Journal of the Association for Information Systems</i> , 2011 , 12, 255-273 | 1.8 | 12 |
| 93 | Policy scenarios as an instrument for policymakers. <i>Technological Forecasting and Social Change</i> , 2020 , 154, 119972 | 9.5 | 11 |
| 92 | Critical theory as an approach to the ethics of information security. <i>Science and Engineering Ethics</i> , 2014 , 20, 675-99 | 3.1 | 11 |
| 91 | Digital wildfires. <i>ACM SIGCAS Computers and Society</i> , 2016 , 45, 193-201 | 0 | 11 |
| 90 | Empowerment through ICT: A critical discourse analysis of the Egyptian ICT policy. <i>International Federation for Information Processing</i> , 2008 , 161-177 | | 11 |
| 89 | Phronesis, argumentation and puzzle solving in IS research: illustrating an approach to phronetic IS research practice. <i>European Journal of Information Systems</i> , 2018 , 27, 347-366 | 6.4 | 10 |
| 88 | Responsible innovation ecosystems: Ethical implications of the application of the ecosystem concept to artificial intelligence. <i>International Journal of Information Management</i> , 2022 , 62, 102441 | 16.4 | 10 |
| 87 | Critical Discourse Analysis as a Review Methodology: An Empirical Example. <i>Communications of the Association for Information Systems</i> , 2015 , 37, | 1.3 | 9 |
| 86 | Participatory design as ethical practice [Concepts, reality and conditions. <i>Journal of Information Communication and Ethics in Society</i> , 2014 , 12, 10-13 | 1.2 | 9 |
| 85 | Privacy and security as ideology. <i>IEEE Technology and Society Magazine</i> , 2007 , 26, 35-45 | 0.8 | 9 |
| 84 | Enid Mumford: a tribute. <i>Information Systems Journal</i> , 2006 , 16, 343-382 | 5.9 | 9 |
| 83 | Cultural Universality Versus Particularity in CMC. <i>Journal of Global Information Technology Management</i> , 2004 , 7, 47-65 | 2.3 | 9 |
| 82 | The obituary as bricolage: the Mann Gulch disaster and the problem of heroic rationality. <i>European Journal of Information Systems</i> , 2005 , 14, 487-491 | 6.4 | 9 |
| 81 | 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 | 9.5 | 9 |
| 80 | Organisational responses to the ethical issues of artificial intelligence. <i>AI and Society</i> , 1 | 2.1 | 9 |
| 79 | The role of ethics in data governance of large neuro-ICT projects. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2018 , 25, 1099-1107 | 8.6 | 9 |
| 78 | The Ethical Balance of Using Smart Information Systems for Promoting the United Nations Sustainable Development Goals. <i>Sustainability</i> , 2020 , 12, 4826 | 3.6 | 8 |
| 77 | Civil Society Organisations in Research: A Literature-Based Typology. <i>Voluntas</i> , 2017 , 28, 1988-2010 | 1.8 | 8 |

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| 76 | Responsibility for Information Assurance and Privacy. <i>Journal of Organizational and End User Computing</i> , 2004 , 16, 59-77 | 6.2 | 8 |
| 75 | Towards a Complex Automata Multiscale Model of In-Stent Restenosis. <i>Lecture Notes in Computer Science</i> , 2009 , 705-714 | 0.9 | 8 |
| 74 | Ethical and Social Aspects of Neurorobotics. <i>Science and Engineering Ethics</i> , 2020 , 26, 2533-2546 | 3.1 | 8 |
| 73 | Ethics of Emerging Information and Communication Technologies On the implementation of responsible research and innovation. <i>Science and Public Policy</i> , 2016 , scw069 | 1.8 | 8 |
| 72 | Technofixing the Future: Ethical Side Effects of Using AI and Big Data to Meet the SDGs 2019 , | | 8 |
| 71 | From Responsible Research and Innovation to responsibility by design. <i>Journal of Responsible Innovation</i> , 1-24 | 2.1 | 8 |
| 70 | Beyond Research Ethics: Dialogues in Neuro-ICT Research. <i>Frontiers in Human Neuroscience</i> , 2019 , 13, 105 | 3.3 | 7 |
| 69 | Development and emancipation. <i>Journal of Information Communication and Ethics in Society</i> , 2010 , 8, 85-107 | 1.2 | 7 |
| 68 | Accountability and Reflective Responsibility in Information Systems 2006 , 51-68 | | 7 |
| 67 | Virtual suicide and other ethical issues of emerging information technologies. <i>Futures</i> , 2013 , 50, 35-43 | 3.6 | 6 |
| 66 | E-voting: an example of collaborative e-teaching and e-learning. <i>Interactive Technology and Smart Education</i> , 2005 , 2, 19-30 | 2.4 | 6 |
| 65 | What Future? Which Technology? On the Problem of Describing Relevant Futures. <i>International Federation for Information Processing</i> , 2011 , 95-108 | | 6 |
| 64 | Evaluating Emerging ICTs: A Critical Capability Approach of Technology. <i>Philosophy of Engineering and Technology</i> , 2012 , 57-76 | 0.1 | 6 |
| 63 | 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, lsa051 | 4.1 | 6 |
| 62 | Research and Practice of AI Ethics: A Case Study Approach Juxtaposing Academic Discourse with Organisational Reality. <i>Science and Engineering Ethics</i> , 2021 , 27, 16 | 3.1 | 6 |
| 61 | From computer ethics and the ethics of AI towards an ethics of digital ecosystems. <i>AI and Ethics</i> , 1 | 2 | 6 |
| 60 | Ethical Issues of AI. <i>SpringerBriefs in Research and Innovation Governance</i> , 2021 , 35-53 | 0.6 | 6 |
| 59 | Managing Ethics in the HBP: A Reflective and Dialogical Approach. <i>AJOB Neuroscience</i> , 2016 , 7, 20-24 | 0.8 | 5 |

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| 58 | Ethical and legal issues of the use of computational intelligence techniques in computer security and computer forensics 2010 , | | 5 |
| 57 | Electronic Monitoring in the Workplace 2005 , 50-78 | | 5 |
| 56 | 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 | 5 |
| 55 | Ethical Issues of Information and Business 311-335 | | 5 |
| 54 | Does Ontology Influence Technological Projects? The Case of Irish Electronic Voting. <i>Lecture Notes in Computer Science</i> , 2005 , 657-667 | 0.9 | 5 |
| 53 | Developing responsible research and innovation for robotics 2014 , | | 4 |
| 52 | Forensic Computing in the Workplace: Hegemony, Ideology, and the Perfect Panopticon?. <i>Journal of Workplace Rights</i> , 2008 , 13, 167-183 | | 4 |
| 51 | 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 | 0.9 | 4 |
| 50 | The responsible company of the future: reflective responsibility in business. <i>Futures</i> , 2005 , 37, 117-131 | 3.6 | 4 |
| 49 | Brain simulation as a cloud service: The Virtual Brain on EBRAINS.. <i>NeuroImage</i> , 2022 , 118973 | 7.9 | 4 |
| 48 | 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 | 2.5 | 4 |
| 47 | Intelligence Techniques in Computer Security and Forensics: At the Boundaries of Ethics and Law. <i>Studies in Computational Intelligence</i> , 2012 , 237-258 | 0.8 | 4 |
| 46 | 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> , 2020 , 1-3 | 3.7 | 4 |
| 45 | The Observatory for Responsible Research and Innovation in ICT: Identifying Problems and Sharing Good Practice 2015 , 105-120 | | 3 |
| 44 | What'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 | 6.4 | 3 |
| 43 | Ethics in innovation management as meta-responsibility 2019 , 435-456 | | 3 |
| 42 | Intersectional observations of the Human Brain Project's approach to sex and gender. <i>Journal of Information Communication and Ethics in Society</i> , 2019 , 17, 128-144 | 1.2 | 3 |
| 41 | A European Agency for Artificial Intelligence: Protecting fundamental rights and ethical values. <i>Computer Law and Security Review</i> , 2022 , 45, 105661 | 3 | 3 |

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| 40 | Analysing a national information strategy: a critical approach. <i>International Journal of Intercultural Information Management</i> , 2010 , 2, 232 | | 2 |
| 39 | CCTV Identity Management and Implications for Criminal Justice: some considerations. <i>Surveillance & Society</i> , 2008 , 5, | 2.3 | 2 |
| 38 | 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 | 3.7 | 2 |
| 37 | Responsibility for Information Assurance and Privacy. <i>Advances in End User Computing Series</i> , 2005 , 186-207 | | 2 |
| 36 | The Paradigm of E-Commerce in E-Government and E-Democracy 2008 , 281-296 | | 2 |
| 35 | The Impact of the UK Human Rights Act 1998 on Privacy Protection in the Workplace 2008 , 55-68 | | 2 |
| 34 | ETICA Workshop on Computer Ethics: Exploring Normative Issues. <i>International Federation for Information Processing</i> , 2011 , 64-77 | | 2 |
| 33 | The Ideology of Design: A Critical Appreciation of the Design Science Discourse in Information Systems and Wirtschaftsinformatik 2009 , 111-132 | | 2 |
| 32 | From collaborative to institutional reflexivity: Calibrating responsibility in the funding process. <i>Science and Public Policy</i> , 2021 , 47, 720-732 | 1.8 | 2 |
| 31 | Addressing Ethical Issues in AI. <i>SpringerBriefs in Research and Innovation Governance</i> , 2021 , 55-79 | 0.6 | 2 |
| 30 | A critical perspective of engagement in online health communities. <i>European Journal of Information Systems</i> , 2019 , 28, 523-548 | 6.4 | 1 |
| 29 | 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> , 2015 , 13, 28-38 | 1.2 | 1 |
| 28 | 'Digital Wildfires' 2015 , | | 1 |
| 27 | Critical Social Information Systems Research 2011 , | | 1 |
| 26 | Future Technologies: The Matter of Emergent Ethical Issues in Their Development 2009 , | | 1 |
| 25 | 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> , 2007 , 6, 232 | 0.2 | 1 |
| 24 | When Does a Computer Speak the Truth? The Problem of It and Validity Claims. <i>IFIP Advances in Information and Communication Technology</i> , 2003 , 91-107 | 0.5 | 1 |
| 23 | Information Ethics as Ideology 2007 , 348-354 | | 1 |

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| 22 | Identifying the Ethics of Emerging Information and Communication Technologies 2012 , 61-79 | | 1 |
| 21 | Concepts of Ethics and Their Application to AI. <i>SpringerBriefs in Research and Innovation Governance</i> , 2021 , 19-33 | 0.6 | 1 |
| 20 | Identity Politics: Participatory Research and Its Challenges Related to Social and Epistemic Control. <i>Social Epistemology</i> , 2020 , 34, 382-394 | 0.6 | 0 |
| 19 | Ethics of European Institutions as Normative Foundation of Responsible Research and Innovation in ICT 2016 , 207-219 | | 0 |
| 18 | AI Ecosystems for Human Flourishing: The Recommendations. <i>SpringerBriefs in Research and Innovation Governance</i> , 2021 , 91-115 | 0.6 | 0 |
| 17 | Perspectives on Artificial Intelligence. <i>SpringerBriefs in Research and Innovation Governance</i> , 2021 , 7-17 | 0.6 | 0 |
| 16 | Lorenzo Magnani, Morality in a Technological World: Knowledge as Duty. <i>Minds and Machines</i> , 2009 , 19, 297-299 | 4.9 | |
| 15 | Responsibility in the interconnected economy. <i>Business Ethics</i> , 2001 , 10, 213-222 | 3.3 | |
| 14 | David Schmidtz & Robert E Goodin, Social Welfare and individual Responsibility. <i>Ethical Theory and Moral Practice</i> , 2000 , 3, 227-228 | 0.6 | |
| 13 | Responsible Management of Digital Divides: An Oxymoronic Endeavor? 2006 , 231-243 | | |
| 12 | Forensic Computing 2006 , 291-310 | | |
| 11 | Social Justice and Market Metaphysics 2007 , 148-170 | | |
| 10 | Lost in the Funhouse, is Anyone in Control? 2008 , 438-454 | | |
| 9 | Implementing Responsible Research and Innovation for Care Robots through BS 8611 2018 , 181-194 | | |
| 8 | Digital events and the ethics of neuro-ICT 2019 , 85-95 | | |
| 7 | Ethical Issues of Emerging ICT Applications 2015 , 1349-1360 | | |
| 6 | 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> , 2016 , 92-104 | 0.5 | |
| 5 | Privacy in the Human Brain Project: The Perspective of Ethics Management. <i>IFIP Advances in Information and Communication Technology</i> , 2016 , 52-55 | 0.5 | |

4 A Quality Assurance Approach to Healthcare **2010**, 333-352

3 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

2 Ethical Issues of Emerging ICT Applications **2013**, 39-50

1 Forming IT Professionals in the Internet Age 120-139