

Mark Coeckelbergh

List of Publications by Year in Descending Order

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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.

110
papers

2,269
citations

29
h-index

44
g-index

116
ext. papers

2,850
ext. citations

2
avg, IF

6.7
L-index

#	Paper	IF	Citations
110	Sustainability Budgets: A Practical Management and Governance Method for Achieving Goal 13 of the Sustainable Development Goals for AI Development. <i>Sustainability</i> , 2022 , 14, 4019	3.6	0
109	The Ubuntu Robot: Towards a Relational Conceptual Framework for Intercultural Robotics.. <i>Science and Engineering Ethics</i> , 2022 , 28, 16	3.1	1
108	Time Machines: Artificial Intelligence, Process, and Narrative. <i>Philosophy and Technology</i> , 2021 , 34, 1623	3.6	2
107	Should We Treat Teddy Bear 2.0 as a Kantian Dog? Four Arguments for the Indirect Moral Standing of Personal Social Robots, with Implications for Thinking About Animals and Humans. <i>Minds and Machines</i> , 2021 , 31, 337-360	4.9	7
106	Cascading Morality After Dewey: A Proposal for a Pluralist Meta-Ethics with a Subsidiarity Hierarchy. <i>Contemporary Pragmatism</i> , 2021 , 18, 18-35	0	
105	How to Use Virtue Ethics for Thinking About the Moral Standing of Social Robots: A Relational Interpretation in Terms of Practices, Habits, and Performance. <i>International Journal of Social Robotics</i> , 2021 , 13, 31-40	4	12
104	AI for climate: freedom, justice, and other ethical and political challenges. <i>AI and Ethics</i> , 2021 , 1, 67-72	2	18
103	Praxis and Contemporary Philosophy of Technology 2020 , 25-48		1
102	Data Fairy in Engineering Land: The Magic of Data Analysis as a Sociotechnical Process in Engineering Companies. <i>Journal of Mechanical Design, Transactions of the ASME</i> , 2020 , 142,	3	3
101	AI Ethics 2020 ,		91
100	(Technical) Autonomy as Concept in Robot Ethics. <i>Biosystems and Biorobotics</i> , 2020 , 59-65	0.2	
99	Transformations of Responsibility in the Age of Automation: Being Answerable to Human and Non-Human Others. <i>Techno:Phil</i> , 2020 , 7-22	0.2	1
98	A Narrative Theory of Technology 2020 , 79-111		2
97	Narrative and Technology Ethics 2020 ,		7
96	Artificial Intelligence, Responsibility Attribution, and a Relational Justification of Explainability. <i>Science and Engineering Ethics</i> , 2020 , 26, 2051-2068	3.1	61
95	Technoperformances: using metaphors from the performance arts for a postphenomenology and posthermeneutics of technology use. <i>AI and Society</i> , 2020 , 35, 557-568	2.1	3
94	The political choreography of the Sophia robot: beyond robot rights and citizenship to political performances for the social robotics market. <i>AI and Society</i> , 2020 , 36, 715	2.1	9

93	The Postdigital in Pandemic Times: a Comment on the Covid-19 Crisis and its Political Epistemologies. <i>Postdigital Science and Education</i> , 2020 , 2, 547-550	4.6	17
92	Technologies of the self and other—how self-tracking technologies also shape the other. <i>Journal of Information Communication and Ethics in Society</i> , 2019 , 17, 119-127	1.2	5
91	Robot-Enhanced Therapy: Development and Validation of Supervised Autonomous Robotic System for Autism Spectrum Disorders Therapy. <i>IEEE Robotics and Automation Magazine</i> , 2019 , 26, 49-58	3.4	32
90	Skillful coping with and through technologies. <i>AI and Society</i> , 2019 , 34, 269-287	2.1	4
89	Technology Games/Gender Games. From Wittgenstein's Toolbox and Language Games to Gendered Robots and Biased Artificial Intelligence. <i>Techno:Phil</i> , 2019 , 27-38	0.2	3
88	Wittgenstein as a Philosopher of Technology: Tool Use, Forms of Life, Technique, and a Transcendental Argument. <i>Human Studies</i> , 2018 , 41, 165-191	0.5	12
87	. <i>IEEE Technology and Society Magazine</i> , 2018 , 37, 30-39	0.8	23
86	The Blockchain as a Narrative Technology: Investigating the Social Ontology and Normative Configurations of Cryptocurrencies. <i>Philosophy and Technology</i> , 2018 , 31, 103-130	3.6	38
85	Technology and the good society: A polemical essay on social ontology, political principles, and responsibility for technology. <i>Technology in Society</i> , 2018 , 52, 4-9	6.3	29
84	Towards a Philosophy of Financial Technologies. <i>Philosophy and Technology</i> , 2018 , 31, 9-14	3.6	5
83	The art, poetics, and grammar of technological innovation as practice, process, and performance. <i>AI and Society</i> , 2018 , 33, 501-510	2.1	4
82	How to describe and evaluate "deception" phenomena: recasting the metaphysics, ethics, and politics of ICTs in terms of magic and performance and taking a relational and narrative turn. <i>Ethics and Information Technology</i> , 2018 , 20, 71-85	3.7	10
81	Technology Games: Using Wittgenstein for Understanding and Evaluating Technology. <i>Science and Engineering Ethics</i> , 2018 , 24, 1503-1519	3.1	28
80	Why Care About Robots? Empathy, Moral Standing, and the Language of Suffering. <i>Kairos: Journal of Philosophy & Science</i> , 2018 , 20, 141-158	0.1	17
79	Ethical Dimensions of Music Information Retrieval Technology. <i>Transactions of the International Society for Music Information Retrieval</i> , 2018 , 1, 44-55	1	13
78	Wittgenstein and Philosophy of Technology. <i>Techno-Research in Philosophy and Technology</i> , 2018 , 22, 287-295	1	
77	Language and technology: maps, bridges, and pathways. <i>AI and Society</i> , 2017 , 32, 175-189	2.1	29
76	The Art of Living with ICTs: The Ethics/Aesthetics of Vulnerability Coping and Its Implications for Understanding and Evaluating ICT Cultures. <i>Foundations of Science</i> , 2017 , 22, 339-348	0.8	7

75	Hacking Technological Practices and the Vulnerability of the Modern Hero. <i>Foundations of Science</i> , 2017 , 22, 357-362	0.8	
74	How to Build a Supervised Autonomous System for Robot-Enhanced Therapy for Children with Autism Spectrum Disorder. <i>Paladyn</i> , 2017 , 8, 18-38	2.3	77
73	Can Machines Create Art?. <i>Philosophy and Technology</i> , 2017 , 30, 285-303	3.6	20
72	New Romantic Cyborgs 2017 ,		16
71	Using and Performing with Words and Things 2017 , 253-287		
70	A Survey of Expectations About the Role of Robots in Robot-Assisted Therapy for Children with ASD: Ethical Acceptability, Trust, Sociability, Appearance, and Attachment. <i>Science and Engineering Ethics</i> , 2016 , 22, 47-65	3.1	101
69	Drones, Morality, and Vulnerability: Two Arguments Against Automated Killing. <i>Information Technology & Law Series</i> , 2016 , 229-237	0.4	1
68	Response to "The Problem of the Question About Animal Ethics" by Michal Piekarski. <i>Journal of Agricultural and Environmental Ethics</i> , 2016 , 29, 717-721	2.3	4
67	Narrative Technologies: A Philosophical Investigation of the Narrative Capacities of Technologies by Using Ricoeur's Narrative Theory. <i>Human Studies</i> , 2016 , 39, 325-346	0.5	17
66	Robot Enhanced Therapy for Children with Autism Disorders: Measuring Ethical Acceptability. <i>IEEE Technology and Society Magazine</i> , 2016 , 35, 54-66	0.8	28
65	Care robots and the future of ICT-mediated elderly care: a response to doom scenarios. <i>AI and Society</i> , 2016 , 31, 455-462	2.1	18
64	Cryptocurrencies as narrative technologies. <i>ACM SIGCAS Computers and Society</i> , 2016 , 45, 172-178	0	7
63	Vulnerability to Natural Hazards: Philosophical Reflections on the Social and Cultural Dimensions of Natural Disaster Risk 2016 , 27-41		2
62	Data, Speed, and Know-How: Ethical and Philosophical Issues in Human-Autonomous Systems Cooperation in Military Contexts. <i>Lecture Notes in Computer Science</i> , 2016 , 17-24	0.9	2
61	Responsibility and the Moral Phenomenology of Using Self-Driving Cars. <i>Applied Artificial Intelligence</i> , 2016 , 30, 748-757	2.3	37
60	Ethics of healthcare robotics: Towards responsible research and innovation. <i>Robotics and Autonomous Systems</i> , 2016 , 86, 152-161	3.5	92
59	Artificial agents, good care, and modernity. <i>Theoretical Medicine and Bioethics</i> , 2015 , 36, 265-77	0.9	31
58	The tragedy of the master: automation, vulnerability, and distance. <i>Ethics and Information Technology</i> , 2015 , 17, 219-229	3.7	21

57	Money as Medium and Tool. <i>TechnoResearch in Philosophy and Technology</i> , 2015 , 19, 358-380	1	2
56	Good Healthcare Is in the Flow—The Quality of Care, the Role of Machines, and the Need for New Skills. <i>Intelligent Systems, Control and Automation: Science and Engineering</i> , 2015 , 33-47	0.6	1
55	The Moral Standing of Machines: Towards a Relational and Non-Cartesian Moral Hermeneutics. <i>Philosophy and Technology</i> , 2014 , 27, 61-77	3.6	44
54	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
53	Facing Animals: A Relational, Other-Oriented Approach to Moral Standing. <i>Journal of Agricultural and Environmental Ethics</i> , 2014 , 27, 715-733	2.3	34
52	Moral Craftsmanship 2014 , 46-61		1
51	Pervasion of what? Techno-human ecologies and their ubiquitous spirits. <i>AI and Society</i> , 2013 , 28, 55-63	2.1	6
50	Drones, information technology, and distance: mapping the moral epistemology of remote fighting. <i>Ethics and Information Technology</i> , 2013 , 15, 87-98	3.7	49
49	E-care as craftsmanship: virtuous work, skilled engagement, and information technology in health care. <i>Medicine, Health Care and Philosophy</i> , 2013 , 16, 807-16	2	26
48	Anthropology of Vulnerability. <i>Philosophy of Engineering and Technology</i> , 2013 , 37-62	0.1	
47	Politics of Vulnerability: Freedom, Justice, and the Public/Private Distinction. <i>Philosophy of Engineering and Technology</i> , 2013 , 147-182	0.1	
46	Ethics of Vulnerability (ii): Imagining the Posthuman Future. <i>Philosophy of Engineering and Technology</i> , 2013 , 101-126	0.1	1
45	Human Being @ Risk. <i>Philosophy of Engineering and Technology</i> , 2013 ,	0.1	38
44	Is gesture knowledge? A philosophical approach to the epistemology of musical gestures. <i>Advances in Consciousness Research</i> , 2013 , 113-132		4
43	The Transhumanist Challenge. <i>Philosophy of Engineering and Technology</i> , 2013 , 19-36	0.1	
42	Normative Aesthetics of Vulnerability: The Art of Coping with Vulnerability. <i>Philosophy of Engineering and Technology</i> , 2013 , 183-199	0.1	
41	Moral responsibility, technology, and experiences of the tragic: from Kierkegaard to offshore engineering. <i>Science and Engineering Ethics</i> , 2012 , 18, 35-48	3.1	16
40	Are Emotional Robots Deceptive?. <i>IEEE Transactions on Affective Computing</i> , 2012 , 3, 388-393	5.7	29

39	Can we trust robots?. <i>Ethics and Information Technology</i> , 2012 , 14, 53-60	3.7	55
38	Technology as Skill and Activity. <i>TechnoResearch in Philosophy and Technology</i> , 2012 , 16, 208-230	1	7
37	How I Learned to Love the Robot's Capabilities, Information Technologies, and Elderly Care. <i>Philosophy of Engineering and Technology</i> , 2012 , 77-86	0.1	17
36	Growing Moral Relations 2012 ,		70
35	What are we doing?. <i>Journal of Information Communication and Ethics in Society</i> , 2011 , 9, 127-136	1.2	9
34	Human development or human enhancement? A methodological reflection on capabilities and the evaluation of information technologies. <i>Ethics and Information Technology</i> , 2011 , 13, 81-92	3.7	41
33	You, robot: on the linguistic construction of artificial others. <i>AI and Society</i> , 2011 , 26, 61-69	2.1	34
32	Humans, Animals, and Robots: A Phenomenological Approach to Human-Robot Relations. <i>International Journal of Social Robotics</i> , 2011 , 3, 197-204	4	68
31	From Killer Machines to Doctrines and Swarms, or Why Ethics of Military Robotics Is not (Necessarily) About Robots. <i>Philosophy and Technology</i> , 2011 , 24, 269-278	3.6	9
30	Talking to Robots: On the Linguistic Construction of Personal Human-Robot Relations. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2011 , 126-129	0.2	4
29	Artificial Companions: Empathy and Vulnerability Mirroring in Human-Robot Relations. <i>Studies in Ethics, Law, and Technology</i> , 2011 , 4,		16
28	Is Ethics of Robotics about Robots? Philosophy of Robotics Beyond Realism and Individualism. <i>Law, Innovation and Technology</i> , 2011 , 3, 241-250	1.3	4
27	Environmental Virtue. <i>Environmental Philosophy</i> , 2011 , 8, 141-169	0	4
26	THE SPIRIT IN THE NETWORK: MODELS FOR SPIRITUALITY IN A TECHNOLOGICAL CULTURE. <i>Zygon</i> , 2010 , 45, 957-978	0.3	7
25	Criminals or Patients? Towards a Tragic Conception of Moral and Legal Responsibility. <i>Criminal Law and Philosophy</i> , 2010 , 4, 233-244	0.3	7
24	Engineering good: how engineering metaphors help us to understand the moral life and change society. <i>Science and Engineering Ethics</i> , 2010 , 16, 371-85	3.1	1
23	Moral appearances: emotions, robots, and human morality. <i>Ethics and Information Technology</i> , 2010 , 12, 235-241	3.7	64
22	Robot rights? Towards a social-relational justification of moral consideration. <i>Ethics and Information Technology</i> , 2010 , 12, 209-221	3.7	147

21	Health Care, Capabilities, and AI Assistive Technologies. <i>Ethical Theory and Moral Practice</i> , 2010 , 13, 181-190	0.2	94
20	Distributive Justice and Co-Operation in a World of Humans and Non-Humans: A Contractarian Argument for Drawing Non-Humans into the Sphere of Justice. <i>Res Publica</i> , 2009 , 15, 67-84	0.2	12
19	Personal Robots, Appearance, and Human Good: A Methodological Reflection on Roboethics. <i>International Journal of Social Robotics</i> , 2009 , 1, 217-221	4	60
18	Virtual moral agency, virtual moral responsibility: on the moral significance of the appearance, perception, and performance of artificial agents. <i>AI and Society</i> , 2009 , 24, 181-189	2.1	45
17	Imagining Worlds: Responsible Engineering Under Conditions of Epistemic Opacity. <i>Philosophy of Engineering and Technology</i> , 2009 , 175-187	0.1	
16	Violent computer games, empathy, and cosmopolitanism. <i>Ethics and Information Technology</i> , 2007 , 9, 219-231	3.7	44
15	With Hope and Imagination: Imaginative Moral Decision-Making in Neonatal Intensive Care Units. <i>Ethical Theory and Moral Practice</i> , 2007 , 10, 3-21	0.6	10
14	Imagination, distributed responsibility and vulnerable technological systems: the case of Snorre A. <i>Science and Engineering Ethics</i> , 2007 , 13, 235-48	3.1	10
13	Principles or Imagination? Two Approaches to Global Justice. <i>Journal of Global Ethics</i> , 2007 , 3, 203-221	0.6	1
12	Imagination and Principles 2007 ,		18
11	Regulation or Responsibility? Autonomy, Moral Imagination, and Engineering. <i>Science Technology and Human Values</i> , 2006 , 31, 237-260	2.5	42
10	The AI ethicist's dilemma: fighting Big Tech by supporting Big Tech. <i>AI and Ethics</i> , 1	2	3
9	Moved by Machines		17
8	Using Words and Things		40
7	Money Machines		8
6	Environmental Skill		12
5	Three Responses to Anthropomorphism in Social Robotics: Towards a Critical, Relational, and Hermeneutic Approach. <i>International Journal of Social Robotics</i> , 1	4	5
4	Earth, Technology, Language: A Contribution to Holistic and Transcendental Revisions After the Artifactual Turn. <i>Foundations of Science</i> , 1	0.8	2

3	Defamiliarizing Technology, Habituation, and the Need for a Structuralist Approach. <i>Foundations of Science</i> ,1	0.8	1
2	Does kindness towards robots lead to virtue? A reply to Sparrow's asymmetry argument. <i>Ethics and Information Technology</i> ,1	3.7	1
1	Narrative responsibility and artificial intelligence. <i>AI and Society</i> ,1	2.1	1