Mark Coeckelbergh

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.

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	Robot rights? Towards a social-relational justification of moral consideration. *Ethics and Information Technology*, **2010**, 12, 209-221	3.7	147
109	A Survey of Expectations About the Role of Robots in Robot-Assisted Therapy for Children with ASD: Ethical Acceptability, Trust, Sociability, Appearance, and Attachment. *Science and Engineering Ethics*, **2016**, 22, 47-65	3.1	101
108	Health Care, Capabilities, and AI Assistive Technologies. *Ethical Theory and Moral Practice*, **2010**, 13, 181-190	1.8	94
107	Ethics of healthcare robotics: Towards responsible research and innovation. *Robotics and Autonomous Systems*, **2016**, 86, 152-161	3.5	92
106	AI Ethics **2020**,		91
105	How to Build a Supervised Autonomous System for Robot-Enhanced Therapy for Children with Autism Spectrum Disorder. *Paladyn*, **2017**, 8, 18-38	2.3	77
104	Growing Moral Relations **2012**,		70
103	Humans, Animals, and Robots: A Phenomenological Approach to Human-Robot Relations. *International Journal of Social Robotics*, **2011**, 3, 197-204	4	68
102	Moral appearances: emotions, robots, and human morality. *Ethics and Information Technology*, **2010**, 12, 235-241	3.7	64
101	Artificial Intelligence, Responsibility Attribution, and a Relational Justification of Explainability. *Science and Engineering Ethics*, **2020**, 26, 2051-2068	3.1	61
100	Personal Robots, Appearance, and Human Good: A Methodological Reflection on Roboethics. *International Journal of Social Robotics*, **2009**, 1, 217-221	4	60
99	Can we trust robots?. *Ethics and Information Technology*, **2012**, 14, 53-60	3.7	55
98	From computer ethics to responsible research and innovation in ICT: The transition of reference discourses informing ethics-related research in information systems. *Information and Management*, **2014**, 51, 810-818	6.6	52
97	Drones, information technology, and distance: mapping the moral epistemology of remote fighting. *Ethics and Information Technology*, **2013**, 15, 87-98	3.7	49
96	Virtual moral agency, virtual moral responsibility: on the moral significance of the appearance, perception, and performance of artificial agents. *AI and Society*, **2009**, 24, 181-189	2.1	45
95	The Moral Standing of Machines: Towards a Relational and Non-Cartesian Moral Hermeneutics. *Philosophy and Technology*, **2014**, 27, 61-77	3.6	44
94	Violent computer games, empathy, and cosmopolitanism. *Ethics and Information Technology*, **2007**, 9, 219-231	3.7	44

93	Regulation or Responsibility? Autonomy, Moral Imagination, and Engineering. *Science Technology and Human Values*, **2006**, 31, 237-260	2.5	42
92	Human development or human enhancement? A methodological reflection on capabilities and the evaluation of information technologies. *Ethics and Information Technology*, **2011**, 13, 81-92	3.7	41
91	Using Words and Things		40
90	The Blockchain as a Narrative Technology: Investigating the Social Ontology and Normative Configurations of Cryptocurrencies. *Philosophy and Technology*, **2018**, 31, 103-130	3.6	38
89	Human Being @ Risk. *Philosophy of Engineering and Technology*, **2013**,	0.1	38
88	Responsibility and the Moral Phenomenology of Using Self-Driving Cars. *Applied Artificial Intelligence*, **2016**, 30, 748-757	2.3	37
87	Facing Animals: A Relational, Other-Oriented Approach to Moral Standing. *Journal of Agricultural and Environmental Ethics*, **2014**, 27, 715-733	2.3	34
86	You, robot: on the linguistic construction of artificial others. *AI and Society*, **2011**, 26, 61-69	2.1	34
85	Robot-Enhanced Therapy: Development and Validation of Supervised Autonomous Robotic System for Autism Spectrum Disorders Therapy. *IEEE Robotics and Automation Magazine*, **2019**, 26, 49-58	3.4	32
84	Artificial agents, good care, and modernity. *Theoretical Medicine and Bioethics*, **2015**, 36, 265-77	0.9	31
83	Language and technology: maps, bridges, and pathways. *AI and Society*, **2017**, 32, 175-189	2.1	29
82	Technology and the good society: A polemical essay on social ontology, political principles, and responsibility for technology. *Technology in Society*, **2018**, 52, 4-9	6.3	29
81	Are Emotional Robots Deceptive?. *IEEE Transactions on Affective Computing*, **2012**, 3, 388-393	5.7	29
80	Technology Games: Using Wittgenstein for Understanding and Evaluating Technology. *Science and Engineering Ethics*, **2018**, 24, 1503-1519	3.1	28
79	Robot Enhanced Therapy for Children with Autism Disorders: Measuring Ethical Acceptability. *IEEE Technology and Society Magazine*, **2016**, 35, 54-66	0.8	28
78	E-care as craftsmanship: virtuous work, skilled engagement, and information technology in health care. *Medicine, Health Care and Philosophy*, **2013**, 16, 807-16	2	26
77	. *IEEE Technology and Society Magazine*, **2018**, 37, 30-39	0.8	23
76	The tragedy of the master: automation, vulnerability, and distance. *Ethics and Information Technology*, **2015**, 17, 219-229	3.7	21

75	Can Machines Create Art?. *Philosophy and Technology*, **2017**, 30, 285-303	3.6	20
74	Care robots and the future of ICT-mediated elderly care: a response to doom scenarios. *AI and Society*, **2016**, 31, 455-462	2.1	18
73	Imagination and Principles **2007**,		18
72	AI for climate: freedom, justice, and other ethical and political challenges. *AI and Ethics*, **2021**, 1, 67-72	2	18
71	Narrative Technologies: A Philosophical Investigation of the Narrative Capacities of Technologies by Using Ricoeur's Narrative Theory. *Human Studies*, **2016**, 39, 325-346	0.5	17
70	Why Care About Robots? Empathy, Moral Standing, and the Language of Suffering. *Kairos: Journal of Philosophy & Science*, **2018**, 20, 141-158	0.1	17
69	Moved by Machines		17
68	How I Learned to Love the Robot: Capabilities, Information Technologies, and Elderly Care. *Philosophy of Engineering and Technology*, **2012**, 77-86	0.1	17
67	The Postdigital in Pandemic Times: a Comment on the Covid-19 Crisis and its Political Epistemologies. *Postdigital Science and Education*, **2020**, 2, 547-550	4.6	17
66	Moral responsibility, technology, and experiences of the tragic: from Kierkegaard to offshore engineering. *Science and Engineering Ethics*, **2012**, 18, 35-48	3.1	16
65	Artificial Companions: Empathy and Vulnerability Mirroring in Human-Robot Relations. *Studies in Ethics, Law, and Technology*, **2011**, 4,		16
64	New Romantic Cyborgs **2017**,		16
63	Ethical Dimensions of Music Information Retrieval Technology. *Transactions of the International Society for Music Information Retrieval*, **2018**, 1, 44-55	1	13
62	Wittgenstein as a Philosopher of Technology: Tool Use, Forms of Life, Technique, and a Transcendental Argument. *Human Studies*, **2018**, 41, 165-191	0.5	12
61	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. *Res Publica*, **2009**, 15, 67-84	0.2	12
60	Environmental Skill		12
59	How to Use Virtue Ethics for Thinking About the Moral Standing of Social Robots: A Relational Interpretation in Terms of Practices, Habits, and Performance. *International Journal of Social Robotics*, **2021**, 13, 31-40	4	12
58	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. *Ethics and Information Technology*, **2018**, 20, 71-85	3.7	10

57	With Hope and Imagination: Imaginative Moral Decision-Making in Neonatal Intensive Care Units. *Ethical Theory and Moral Practice*, **2007**, 10, 3-21	0.6	10
56	Imagination, distributed responsibility and vulnerable technological systems: the case of Snorre A. *Science and Engineering Ethics*, **2007**, 13, 235-48	3.1	10
55	What are we doing?. *Journal of Information Communication and Ethics in Society*, **2011**, 9, 127-136	1.2	9
54	From Killer Machines to Doctrines and Swarms, or Why Ethics of Military Robotics Is not (Necessarily) About Robots. *Philosophy and Technology*, **2011**, 24, 269-278	3.6	9
53	The political choreography of the Sophia robot: beyond robot rights and citizenship to political performances for the social robotics market. *AI and Society*, **2020**, 36, 715	2.1	9
52	Money Machines		8
51	The Art of Living with ICTs: The Ethics□Aesthetics of Vulnerability Coping and Its Implications for Understanding and Evaluating ICT Cultures. *Foundations of Science*, **2017**, 22, 339-348	0.8	7
50	Cryptocurrencies as narrative technologies. *ACM SIGCAS Computers and Society*, **2016**, 45, 172-178	0	7
49	THE SPIRIT IN THE NETWORK: MODELS FOR SPIRITUALITY IN A TECHNOLOGICAL CULTURE. *Zygon*, **2010**, 45, 957-978	0.3	7
48	Criminals or Patients? Towards a Tragic Conception of Moral and Legal Responsibility. *Criminal Law and Philosophy*, **2010**, 4, 233-244	0.3	7
47	Technology as Skill and Activity. *Techn□Research in Philosophy and Technology*, **2012**, 16, 208-230	1	7
46	Narrative and Technology Ethics **2020**,		7
45	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. *Minds and Machines*, **2021**, 31, 337-360	4.9	7
44	Pervasion of what? Techno□human ecologies and their ubiquitous spirits. *AI and Society*, **2013**, 28, 55-63	2.1	6
43	□echnologies of the self and other□how self-tracking technologies also shape the other. *Journal of Information Communication and Ethics in Society*, **2019**, 17, 119-127	1.2	5
42	Towards a Philosophy of Financial Technologies. *Philosophy and Technology*, **2018**, 31, 9-14	3.6	5
41	Three Responses to Anthropomorphism in Social Robotics: Towards a Critical, Relational, and Hermeneutic Approach. *International Journal of Social Robotics*,1	4	5
40	The art, poetics, and grammar of technological innovation as practice, process, and performance. *AI and Society*, **2018**, 33, 501-510	2.1	4

39	Response to The Problem of the Question About Animal Ethics by Michal Piekarski. *Journal of Agricultural and Environmental Ethics*, **2016**, 29, 717-721	2.3	4
38	Skillful coping with and through technologies. *AI and Society*, **2019**, 34, 269-287	2.1	4
37	Talking to Robots: On the Linguistic Construction of Personal Human-Robot Relations. *Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering*, **2011**, 126-129	0.2	4
36	Is Ethics of Robotics about Robots? Philosophy of Robotics Beyond Realism and Individualism. *Law, Innovation and Technology*, **2011**, 3, 241-250	1.3	4
35	Environmental Virtue. *Environmental Philosophy*, **2011**, 8, 141-169	0	4
34	Is gesture knowledge? A philosophical approach to the epistemology of musical gestures. *Advances in Consciousness Research*, **2013**, 113-132		4
33	The AI ethicist's dilemma: fighting Big Tech by supporting Big Tech. *AI and Ethics*,1	2	3
32	Data Fairy in Engineering Land: The Magic of Data Analysis as a Sociotechnical Process in Engineering Companies. *Journal of Mechanical Design, Transactions of the ASME*, **2020**, 142,	3	3
31	Technology Games/Gender Games. From Wittgenstein's Toolbox and Language Games to Gendered Robots and Biased Artificial Intelligence. *Techno:Phil*, **2019**, 27-38	0.2	3
30	Technoperformances: using metaphors from the performance arts for a postphenomenology and posthermeneutics of technology use. *AI and Society*, **2020**, 35, 557-568	2.1	3
29	Vulnerability to Natural Hazards: Philosophical Reflections on the Social and Cultural Dimensions of Natural Disaster Risk **2016**, 27-41		2
28	Money as Medium and Tool. *Techn Research in Philosophy and Technology*, **2015**, 19, 358-380	1	2
27	Time Machines: Artificial Intelligence, Process, and Narrative. *Philosophy and Technology*, **2021**, 34, 1623	3.6	2
26	A Narrative Theory of Technology **2020**, 79-111		2
25	Data, Speed, and Know-How: Ethical and Philosophical Issues in Human-Autonomous Systems Cooperation in Military Contexts. *Lecture Notes in Computer Science*, **2016**, 17-24	0.9	2
24	Earth, Technology, Language: A Contribution to Holistic and Transcendental Revisions After the Artifactual Turn. *Foundations of Science*,1	0.8	2
23	Praxis and Contemporary Philosophy of Technology **2020**, 25-48		1
22	Drones, Morality, and Vulnerability: Two Arguments Against Automated Killing. *Information Technology & Law Series*, **2016**, 229-237	0.4	1

21	Ethics of Vulnerability (ii): Imagining the Posthuman Future. *Philosophy of Engineering and Technology*, **2013**, 101-126	0.1	1
20	Engineering good: how engineering metaphors help us to understand the moral life and change society. *Science and Engineering Ethics*, **2010**, 16, 371-85	3.1	1
19	Principles or Imagination? Two Approaches to Global Justice. *Journal of Global Ethics*, **2007**, 3, 203-221	0.6	1
18	Transformations of Responsibility in the Age of Automation: Being Answerable to Human and Non-Human Others. *Techno:Phil*, **2020**, 7-22	0.2	1
17	Moral Craftsmanship **2014**, 46-61		1
16	Good Healthcare Is in the How: The Quality of Care, the Role of Machines, and the Need for New Skills. *Intelligent Systems, Control and Automation: Science and Engineering*, **2015**, 33-47	0.6	1
15	Defamiliarizing Technology, Habituation, and the Need for a Structuralist Approach. *Foundations of Science*,1	0.8	1
14	Does kindness towards robots lead to virtue? A reply to Sparrow's asymmetry argument. *Ethics and Information Technology*,1	3.7	1
13	The Ubuntu Robot: Towards a Relational Conceptual Framework for Intercultural Robotics.. *Science and Engineering Ethics*, **2022**, 28, 16	3.1	1
12	Narrative responsibility and artificial intelligence. *AI and Society*,1	2.1	1
11	Sustainability Budgets: A Practical Management and Governance Method for Achieving Goal 13 of the Sustainable Development Goals for AI Development. *Sustainability*, **2022**, 14, 4019	3.6	0
10	Hacking Technological Practices and the Vulnerability of the Modern Hero. *Foundations of Science*, **2017**, 22, 357-362	0.8	
9	Anthropology of Vulnerability. *Philosophy of Engineering and Technology*, **2013**, 37-62	0.1	
8	Politics of Vulnerability: Freedom, Justice, and the Public/Private Distinction. *Philosophy of Engineering and Technology*, **2013**, 147-182	0.1	
7	(Technical) Autonomy as Concept in Robot Ethics. *Biosystems and Biorobotics*, **2020**, 59-65	0.2	
6	Using and Performing with Words and Things **2017**, 253-287		
5	Imagining Worlds: Responsible Engineering Under Conditions of Epistemic Opacity. *Philosophy of Engineering and Technology*, **2009**, 175-187	0.1	
4	The Transhumanist Challenge. *Philosophy of Engineering and Technology*, **2013**, 19-36	0.1	

3	Normative Aesthetics of Vulnerability: The Art of Coping with Vulnerability. *Philosophy of Engineering and Technology*, **2013**, 183-199	0.1
2	Cascading Morality After Dewey: A Proposal for a Pluralist Meta-Ethics with a Subsidiarity Hierarchy. *Contemporary Pragmatism*, **2021**, 18, 18-35	0
1	Wittgenstein and Philosophy of Technology. *Techn Research in Philosophy and Technology*, **2018**, 22, 287-295	1