

# Mariarosaria Taddeo

## 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.

82

papers

2,984

citations

23

h-index

54

g-index

88

ext. papers

4,022

ext. citations

5

avg, IF

6.39

L-index

#	Paper	IF	Citations
82	The ethics of algorithms: Mapping the debate. <i>Big Data and Society</i> , <b>2016</b> , 3, 205395171667967	5.3	605
81	The grand challenges of. <i>Science Robotics</i> , <b>2018</b> , 3,	18.6	464
80	How AI can be a force for good. <i>Science</i> , <b>2018</b> , 361, 751-752	33.3	162
79	Artificial Intelligence and the 'Good Society': the US, EU, and UK approach. <i>Science and Engineering Ethics</i> , <b>2018</b> , 24, 505-528	3.1	158
78	What is data ethics?. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2016</b> , 374,	3	144
77	Ethical guidelines for COVID-19 tracing apps. <i>Nature</i> , <b>2020</b> , 582, 29-31	50.4	110
76	Solving the symbol grounding problem: a critical review of fifteen years of research. <i>Journal of Experimental and Theoretical Artificial Intelligence</i> , <b>2005</b> , 17, 419-445	2	86
75	The ethics of AI in health care: A mapping review. <i>Social Science and Medicine</i> , <b>2020</b> , 260, 113172	5.1	71
74	The Chinese approach to artificial intelligence: an analysis of policy, ethics, and regulation. <i>AI and Society</i> , <b>2021</b> , 36, 59-77	2.1	69
73	How to Design AI for Social Good: Seven Essential Factors. <i>Science and Engineering Ethics</i> , <b>2020</b> , 26, 177131796	6.7	67
72	Regulate artificial intelligence to avert cyber arms race. <i>Nature</i> , <b>2018</b> , 556, 296-298	50.4	63
71	Turing's Imitation Game: Still an Impossible Challenge for All Machines and Some Judges? An Evaluation of the 2008 Loebner Contest. <i>Minds and Machines</i> , <b>2009</b> , 19, 145-150	4.9	55
70	Modelling Trust in Artificial Agents, A First Step Toward the Analysis of e-Trust. <i>Minds and Machines</i> , <b>2010</b> , 20, 243-257	4.9	55
69	Recommender systems and their ethical challenges. <i>AI and Society</i> , <b>2020</b> , 35, 957-967	2.1	53
68	The Ethics of Digital Well-Being: A Thematic Review. <i>Science and Engineering Ethics</i> , <b>2020</b> , 26, 2313-2343	3.1	50
67	The Debate on the Moral Responsibilities of Online Service Providers. <i>Science and Engineering Ethics</i> , <b>2016</b> , 22, 1575-1603	3.1	50
66	Information Warfare: A Philosophical Perspective. <i>Philosophy and Technology</i> , <b>2012</b> , 25, 105-120	3.6	48

65	Artificial Intelligence Crime: An Interdisciplinary Analysis of Foreseeable Threats and Solutions. <i>Science and Engineering Ethics</i> , <b>2020</b> , 26, 89-120	3.1	44
64	The ethics of algorithms: key problems and solutions. <i>AI and Society</i> , 1	2.1	36
63	Trust in Technology: A Distinctive and a Problematic Relation. <i>Knowledge, Technology and Policy: the International Journal of Knowledge Transfer and Utilization</i> , <b>2010</b> , 23, 283-286		31
62	Trusting artificial intelligence in cybersecurity is a double-edged sword. <i>Nature Machine Intelligence</i> , <b>2019</b> , 1, 557-560	22.5	29
61	The case for e-trust. <i>Ethics and Information Technology</i> , <b>2011</b> , 13, 1-3	3.7	27
60	Cyber Security and Individual Rights, Striking the Right Balance. <i>Philosophy and Technology</i> , <b>2013</b> , 26, 353-356	3.6	23
59	A definition, benchmark and database of AI for social good initiatives. <i>Nature Machine Intelligence</i> , <b>2021</b> , 3, 111-115	22.5	23
58	The Limits of Deterrence Theory in Cyberspace. <i>Philosophy and Technology</i> , <b>2018</b> , 31, 339-355	3.6	22
57	The Case of Online Trust. <i>Knowledge, Technology and Policy: the International Journal of Knowledge Transfer and Utilization</i> , <b>2010</b> , 23, 333-345		22
56	Designing AI for Social Good: Seven Essential Factors. <i>SSRN Electronic Journal</i> ,	1	22
55	The Moral Responsibilities of Online Service Providers. <i>Law, Governance and Technology Series</i> , <b>2017</b> , 13-42	0	20
54	Data philanthropy and the design of the infraethics for information societies. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2016</b> , 374,	3	20
53	Just Information Warfare. <i>Topoi</i> , <b>2016</b> , 35, 213-224	0.8	19
52	A modal type theory for formalizing trusted communications. <i>Journal of Applied Logic</i> , <b>2012</b> , 10, 92-114		19
51	Digital Psychiatry: Risks and Opportunities for Public Health and Wellbeing. <i>IEEE Transactions on Technology and Society</i> , <b>2020</b> , 1, 21-33	5.2	18
50	The Struggle Between Liberties and Authorities in the Information Age. <i>Science and Engineering Ethics</i> , <b>2015</b> , 21, 1125-38	3.1	18
49	On the Risks of Relying on Analogies to Understand Cyber Conflicts. <i>Minds and Machines</i> , <b>2016</b> , 26, 317-324	1.9	17
48	The Debate on the Ethics of AI in Health Care: a Reconstruction and Critical Review. <i>SSRN Electronic Journal</i> ,	1	17

47	Deterrence by Norms to Stop Interstate Cyber Attacks. <i>Minds and Machines</i> , <b>2017</b> , 27, 387-392	4.9	15
46	Public Health in the Information Age: Recognizing the Infosphere as a Social Determinant of Health. <i>Journal of Medical Internet Research</i> , <b>2020</b> , 22, e19311	7.6	15
45	Three Ethical Challenges of Applications of Artificial Intelligence in Cybersecurity. <i>Minds and Machines</i> , <b>2019</b> , 29, 187-191	4.9	13
44	Enabling Posthumous Medical Data Donation: An Appeal for the Ethical Utilisation of Personal Health Data. <i>Science and Engineering Ethics</i> , <b>2019</b> , 25, 1357-1387	3.1	13
43	The Ethics of Digital Well-Being: A Thematic Review. <i>SSRN Electronic Journal</i> , <b>2019</b> ,	1	12
42	Ethics-Based Auditing of Automated Decision-Making Systems: Nature, Scope, and Limitations. <i>Science and Engineering Ethics</i> , <b>2021</b> , 27, 44	3.1	12
41	Trusting Digital Technologies Correctly. <i>Minds and Machines</i> , <b>2017</b> , 27, 565-568	4.9	11
40	The Ethics of Algorithms: Key Problems and Solutions. <i>SSRN Electronic Journal</i> ,	1	11
39	Artificial Intelligence Crime: An Interdisciplinary Analysis of Foreseeable Threats and Solutions. <i>SSRN Electronic Journal</i> , <b>2018</b> ,	1	10
38	Internet Neutrality: Ethical Issues in the Internet Environment. <i>Philosophy and Technology</i> , <b>2012</b> , 25, 133-161	3.1	9
37	The AI gambit: leveraging artificial intelligence to combat climate change-opportunities, challenges, and recommendations. <i>AI and Society</i> , <b>2021</b> , 1-25	2.1	9
36	The ethical debate about the gig economy: A review and critical analysis. <i>Technology in Society</i> , <b>2021</b> , 65, 101594	6.3	9
35	Cyber Conflicts and Political Power in Information Societies. <i>Minds and Machines</i> , <b>2017</b> , 27, 265-268	4.9	8
34	Analyzing Peer-to-Peer Technology Using Information Ethics. <i>Information Society</i> , <b>2011</b> , 27, 105-112	1.9	8
33	Data Philanthropy and Individual Rights. <i>Minds and Machines</i> , <b>2017</b> , 27, 1-5	4.9	6
32	Artificial intelligence and the climate emergency: Opportunities, challenges, and recommendations. <i>One Earth</i> , <b>2021</b> , 4, 776-779	8.1	6
31	Ethical aspects of multi-stakeholder recommendation systems. <i>Information Society</i> , <b>2021</b> , 37, 35-45	1.9	6
30	The Chinese Approach to Artificial Intelligence: An Analysis of Policy and Regulation. <i>SSRN Electronic Journal</i> ,	1	5

29	Deterrence and Norms to Foster Stability in Cyberspace. <i>Philosophy and Technology</i> , <b>2018</b> , 31, 323-329	3.6	4
28	An Information-based Solution for the Puzzle of Testimony and Trust. <i>Social Epistemology</i> , <b>2010</b> , 24, 285-289	0.6	4
27	Ethical Principles for Artificial Intelligence in National Defence. <i>Philosophy and Technology</i> , <b>2018</b> , 31, 33-41	3.6	4
26	Online Information of Vaccines: Information Quality, Not Only Privacy, Is an Ethical Responsibility of Search Engines. <i>Frontiers in Medicine</i> , <b>2020</b> , 7, 400	4.9	4
25	Regulate Artificial Intelligence to Avert Cyber Arms Race. <i>SSRN Electronic Journal</i> , <b>2018</b> , 2018, 1-10	1	4
24	The Ethics of Algorithms: Key Problems and Solutions. <i>Philosophical Studies Series</i> , <b>2021</b> , 97-123	0.6	3
23	How to Design AI for Social Good: Seven Essential Factors. <i>Philosophical Studies Series</i> , <b>2021</b> , 125-151	0.6	3
22	Achieving a 'Good AI Society': Comparing the Aims and Progress of the EU and the US. <i>Science and Engineering Ethics</i> , <b>2021</b> , 27, 68	3.1	3
21	The AI Gambit: Leveraging Artificial Intelligence to Combat Climate Change: Opportunities, Challenges, and Recommendations. <i>SSRN Electronic Journal</i> , <b>2021</b> , 2021, 1-10	1	3
20	The Civic Role of Online Service Providers. <i>Minds and Machines</i> , <b>2019</b> , 29, 1-7	4.9	2
19	Enabling Posthumous Medical Data Donation: A Plea for the Ethical Utilisation of Personal Health Data. <i>Philosophical Studies Series</i> , <b>2019</b> , 163-180	0.6	2
18	Information Societies, Ethical Enquiries. <i>Philosophy and Technology</i> , <b>2015</b> , 28, 5-10	3.6	2
17	Digital Ethics: Its Nature and Scope. <i>Digital Ethics Lab Yearbook</i> , <b>2019</b> , 9-17	0.2	2
16	The Challenges of Cyber Deterrence. <i>Digital Ethics Lab Yearbook</i> , <b>2019</b> , 85-103	0.2	2
15	New Civic Responsibilities for Online Service Providers. <i>Law, Governance and Technology Series</i> , <b>2017</b> , 1-10	0	1
14	Ethical Aspects of Multi-stakeholder Recommendation Systems. <i>SSRN Electronic Journal</i> , <b>2019</b> , 2019, 1-10	1	1
13	Enabling Posthumous Medical Data Donation: A Plea for the Ethical Utilisation of Personal Health Data. <i>SSRN Electronic Journal</i> , <b>2020</b> , 2020, 1-10	1	1
12	Artificial Intelligence Crime: An Interdisciplinary Analysis of Foreseeable Threats and Solutions. <i>Philosophical Studies Series</i> , <b>2021</b> , 251-282	0.6	1

11	The Ethics of AI in Health Care: A Mapping Review. <i>Philosophical Studies Series</i> , <b>2021</b> , 313-346	0.6	1
10	AI reflections in 2020. <i>Nature Machine Intelligence</i> , <b>2021</b> , 3, 2-8	22.5	1
9	Autonomous weapon systems and jus ad bellum. <i>AI and Society</i> , 1	2.1	1
8	On the Risks of Trusting Artificial Intelligence: The Case of Cybersecurity. <i>Digital Ethics Lab Yearbook</i> , <b>2021</b> , 97-108	0.2	0
7	Norms and Strategies for Stability in Cyberspace. <i>Digital Ethics Lab Yearbook</i> , <b>2020</b> , 31-44	0.2	
6	The Chinese Approach to Artificial Intelligence: An Analysis of Policy, Ethics, and Regulation. <i>Philosophical Studies Series</i> , <b>2021</b> , 47-79	0.6	
5	How AI Can Be a Force for Good [An Ethical Framework to Harness the Potential of AI While Keeping Humans in Control. <i>Philosophical Studies Series</i> , <b>2021</b> , 91-96	0.6	
4	Regulate Artificial Intelligence to Avert Cyber Arms Race. <i>Philosophical Studies Series</i> , <b>2021</b> , 283-287	0.6	
3	Artificial Intelligence Crime: An Interdisciplinary Analysis of Foreseeable Threats and Solutions. <i>Digital Ethics Lab Yearbook</i> , <b>2021</b> , 195-227	0.2	
2	Trusting Artificial Intelligence in Cybersecurity Is a Double-Edged Sword. <i>Philosophical Studies Series</i> , <b>2021</b> , 289-297	0.6	
1	Generative Metaphors in Cybersecurity Governance. <i>Digital Ethics Lab Yearbook</i> , <b>2020</b> , 11-30	0.2	