

Marcello Ienca

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.

54
papers

2,491
citations

23
h-index

49
g-index

60
ext. papers

3,570
ext. citations

7.6
avg, IF

6.52
L-index

#	Paper	IF	Citations
54	The global landscape of AI ethics guidelines. <i>Nature Machine Intelligence</i> , 2019 , 1, 389-399	22.5	642
53	On the responsible use of digital data to tackle the COVID-19 pandemic. <i>Nature Medicine</i> , 2020 , 26, 463-465	34.5	248
52	Machine learning in medicine: Addressing ethical challenges. <i>PLoS Medicine</i> , 2018 , 15, e1002689	11.6	191
51	Towards new human rights in the age of neuroscience and neurotechnology. <i>Life Sciences, Society and Policy</i> , 2017 , 13, 5	3.2	153
50	Intelligent Assistive Technology for Alzheimer's Disease and Other Dementias: A Systematic Review. <i>Journal of Alzheimer's Disease</i> , 2017 , 56, 1301-1340	4.3	116
49	Digital tools against COVID-19: taxonomy, ethical challenges, and navigation aid. <i>The Lancet Digital Health</i> , 2020 , 2, e425-e434	14.4	111
48	Considerations for ethics review of big data health research: A scoping review. <i>PLoS ONE</i> , 2018 , 13, e0204937	3.7	107
47	Ethical Design of Intelligent Assistive Technologies for Dementia: A Descriptive Review. <i>Science and Engineering Ethics</i> , 2018 , 24, 1035-1055	3.1	73
46	Hacking the brain: brain-computer interfacing technology and the ethics of neurosecurity. <i>Ethics and Information Technology</i> , 2016 , 18, 117-129	3.7	69
45	Brain leaks and consumer neurotechnology. <i>Nature Biotechnology</i> , 2018 , 36, 805-810	44.5	62
44	Adapting standards: ethical oversight of participant-led health research. <i>PLoS Medicine</i> , 2013 , 10, e1001402	11.6	61
43	Health Research with Big Data: Time for Systemic Oversight. <i>Journal of Law, Medicine and Ethics</i> , 2018 , 46, 119-129	1.2	54
42	Strictly Biomedical? Sketching the Ethics of the Big Data Ecosystem in Biomedicine. <i>Law, Governance and Technology Series</i> , 2016 , 17-39	0	51
41	Research led by participants: a new social contract for a new kind of research. <i>Journal of Medical Ethics</i> , 2016 , 42, 216-9	2.5	48
40	We the Scientists—a Human Right to Citizen Science. <i>Philosophy and Technology</i> , 2015 , 28, 479-485	3.6	45
39	Social and Assistive Robotics in Dementia Care: Ethical Recommendations for Research and Practice. <i>International Journal of Social Robotics</i> , 2016 , 8, 565-573	4	45
38	Digital health: meeting the ethical and policy challenges. <i>Swiss Medical Weekly</i> , 2018 , 148, w14571	3.1	38

37	Ethical concerns with the use of intelligent assistive technology: findings from a qualitative study with professional stakeholders. <i>BMC Medical Ethics</i> , 2019 , 20, 98	2.9	34
36	Open sharing of genomic data: Who does it and why?. <i>PLoS ONE</i> , 2017 , 12, e0177158	3.7	33
35	The ethics of participant-led biomedical research. <i>Nature Biotechnology</i> , 2013 , 31, 786-7	44.5	32
34	Big Data and Dementia: Charting the Route Ahead for Research, Ethics, and Policy. <i>Frontiers in Medicine</i> , 2018 , 5, 13	4.9	30
33	Opinion: Learning as we go: lessons from the publication of Facebook's social-computing research. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 13677-9	11.5	25
32	Digital contact-tracing during the Covid-19 pandemic: An analysis of newspaper coverage in Germany, Austria, and Switzerland. <i>PLoS ONE</i> , 2021 , 16, e0246524	3.7	25
31	What Is Trust? Ethics and Risk Governance in Precision Medicine and Predictive Analytics. <i>OMICS A Journal of Integrative Biology</i> , 2017 , 21, 704-710	3.8	23
30	From Healthcare to Warfare and Reverse: How Should We Regulate Dual-Use Neurotechnology?. <i>Neuron</i> , 2018 , 97, 269-274	13.9	22
29	Proactive Ethical Design for Neuroengineering, Assistive and Rehabilitation Technologies: the Cybathlon Lesson. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2017 , 14, 115	5.3	19
28	Revolutionizing Medical Data Sharing Using Advanced Privacy-Enhancing Technologies: Technical, Legal, and Ethical Synthesis. <i>Journal of Medical Internet Research</i> , 2021 , 23, e25120	7.6	13
27	Big Data, precision medicine and private insurance: A delicate balancing act. <i>Big Data and Society</i> , 2019 , 6, 205395171983011	5.3	12
26	What we talk about when we talk about trust: Theory of trust for AI in healthcare. <i>Intelligence-based Medicine</i> , 2020 , 1-2, 100001	2.7	12
25	Ethics review of big data research: What should stay and what should be reformed?. <i>BMC Medical Ethics</i> , 2021 , 22, 51	2.9	12
24	Democratizing cognitive technology: a proactive approach. <i>Ethics and Information Technology</i> , 2019 , 21, 267-280	3.7	11
23	Artificial Intelligence in Clinical Neuroscience: Methodological and Ethical Challenges. <i>AJOB Neuroscience</i> , 2020 , 11, 77-87	0.8	7
22	Big Data, Biomedical Research, and Ethics Review: New Challenges for IRBs. <i>Ethics & Human Research</i> , 2020 , 42, 17-28	2.1	7
21	Cognitive enhancement for the ageing world: opportunities and challenges. <i>Ageing and Society</i> , 2019 , 39, 2308-2321	1.7	6
20	Digital health interventions for healthy ageing: a qualitative user evaluation and ethical assessment. <i>BMC Geriatrics</i> , 2021 , 21, 412	4.1	6

19	Data protection and ethics requirements for multisite research with health data: a comparative examination of legislative governance frameworks and the role of data protection technologies. <i>Journal of Law and the Biosciences</i> , 2020, 7, lsaa010	4.1	5
18	Digital Mental Health for Young People: A Scoping Review of Ethical Promises and Challenges. <i>Frontiers in Digital Health</i> , 2021, 3, 697072	2.3	5
17	The Biopolitics of Neuroethics 2017, 247-261		4
16	Benefits, challenges, and contributors to success for national eHealth systems implementation: a scoping review. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021, 28, 2039-2049	8.6	4
15	On Neurorights. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 701258	3.3	4
14	Life scientists' views and perspectives on the regulation of dual-use research of concern. <i>Science and Public Policy</i> , 2018, 45, 92-102	1.8	3
13	Digital contact-tracing during the Covid-19 pandemic: an analysis of newspaper coverage in Germany, Austria, and Switzerland		3
12	Enhanced Cognition, Enhanced Self? On Neuroenhancement and Subjectivity. <i>Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice</i> , 2018, 2, 348-355	2.4	3
11	Dual use in the 21st century: emerging risks and global governance. <i>Swiss Medical Weekly</i> , 2018, 148, w14688	3.1	2
10	The long shadow of childhood cancer: a qualitative study on insurance hardship among survivors of childhood cancer. <i>BMC Health Services Research</i> , 2021, 21, 503	2.9	2
9	What is neurohacking? Defining the conceptual, ethical and legal boundaries. <i>Developments in Neuroethics and Bioethics</i> , 2020, 3, 203-231	0.5	2
8	The Security and Military Implications of Neurotechnology and Artificial Intelligence. <i>Advances in Neuroethics</i> , 2021, 197-214	0.4	2
7	Reply to "Separating neuroethics from neurohype". <i>Nature Biotechnology</i> , 2019, 37, 991-992	44.5	1
6	"Hunting Down My Son's Killer": New Roles of Patients in Treatment Discovery and Ethical Uncertainty. <i>Journal of Bioethical Inquiry</i> , 2020, 17, 37-47	1.9	1
5	Digital Predictors of Morbidity, Hospitalization, and Mortality Among Older Adults: A Systematic Review and Meta-Analysis. <i>Frontiers in Digital Health</i> , 2020, 2, 602093	2.3	1
4	Ethical requirements for responsible research with hacked data. <i>Nature Machine Intelligence</i> , 2021, 3, 744-748	22.5	0
3	Mental data protection and the GDPR.. <i>Journal of Law and the Biosciences</i> , 2022, 9, lsac006	4.1	0
2	Synthetic Biology and the Translational Imperative. <i>Science and Engineering Ethics</i> , 2019, 25, 33-52	3.1	

1 and in the Era of Artificial. *Advances in Neuroethics*, **2021**, 261-263

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