Marcello Ienca

List of Publications by Year in Descending Order

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	Mental data protection and the GDPR.. *Journal of Law and the Biosciences*, **2022**, 9, lsac006	4.1	0
53	Ethics review of big data research: What should stay and what should be reformed?. *BMC Medical Ethics*, **2021**, 22, 51	2.9	12
52	The long shadow of childhood cancer: a qualitative study on insurance hardship among survivors of childhood cancer. *BMC Health Services Research*, **2021**, 21, 503	2.9	2
51	Benefits, challenges, and contributors to success for national eHealth systems implementation: a scoping review. *Journal of the American Medical Informatics Association: JAMIA*, **2021**, 28, 2039-2049	8.6	4
50	Digital health interventions for healthy ageing: a qualitative user evaluation and ethical assessment. *BMC Geriatrics*, **2021**, 21, 412	4.1	6
49	The Security and Military Implications of Neurotechnology and Artificial Intelligence. *Advances in Neuroethics*, **2021**, 197-214	0.4	2
48	Digital contact-tracing during the Covid-19 pandemic: An analysis of newspaper coverage in Germany, Austria, and Switzerland. *PLoS ONE*, **2021**, 16, e0246524	3.7	25
47	Revolutionizing Medical Data Sharing Using Advanced Privacy-Enhancing Technologies: Technical, Legal, and Ethical Synthesis. *Journal of Medical Internet Research*, **2021**, 23, e25120	7.6	13
46	Digital Mental Health for Young People: A Scoping Review of Ethical Promises and Challenges. *Frontiers in Digital Health*, **2021**, 3, 697072	2.3	5
45	Ethical requirements for responsible research with hacked data. *Nature Machine Intelligence*, **2021**, 3, 744-748	22.5	0
44	On Neurorights. *Frontiers in Human Neuroscience*, **2021**, 15, 701258	3.3	4
43	and in the Era of Artificial. *Advances in Neuroethics*, **2021**, 261-263	0.4	
42	Digital tools against COVID-19: taxonomy, ethical challenges, and navigation aid. *The Lancet Digital Health*, **2020**, 2, e425-e434	14.4	111
41	"Hunting Down My Son's Killer": New Roles of Patients in Treatment Discovery and Ethical Uncertainty. *Journal of Bioethical Inquiry*, **2020**, 17, 37-47	1.9	1
40	On the responsible use of digital data to tackle the COVID-19 pandemic. *Nature Medicine*, **2020**, 26, 463-464	36.5	248
39	Artificial Intelligence in Clinical Neuroscience: Methodological and Ethical Challenges. *AJOB Neuroscience*, **2020**, 11, 77-87	0.8	7
38	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. *Journal of Law and the Biosciences*, **2020**, 7, lsaa010	4.1	5

37	What we talk about when we talk about trust: Theory of trust for AI in healthcare. *Intelligence-based Medicine*, **2020**, 1-2, 100001	2.7	12
36	Big Data, Biomedical Research, and Ethics Review: New Challenges for IRBs. *Ethics & Human Research*, **2020**, 42, 17-28	2.1	7
35	What is neurohacking? Defining the conceptual, ethical and legal boundaries. *Developments in Neuroethics and Bioethics*, **2020**, 3, 203-231	0.5	2
34	Digital Predictors of Morbidity, Hospitalization, and Mortality Among Older Adults: A Systematic Review and Meta-Analysis. *Frontiers in Digital Health*, **2020**, 2, 602093	2.3	1
33	Reply to "Separating neuroethics from neurohype". *Nature Biotechnology*, **2019**, 37, 991-992	44.5	1
32	The global landscape of AI ethics guidelines. *Nature Machine Intelligence*, **2019**, 1, 389-399	22.5	642
31	Big Data, precision medicine and private insurance: A delicate balancing act. *Big Data and Society*, **2019**, 6, 205395171983011	5.3	12
30	Cognitive enhancement for the ageing world: opportunities and challenges. *Ageing and Society*, **2019**, 39, 2308-2321	1.7	6
29	Democratizing cognitive technology: a proactive approach. *Ethics and Information Technology*, **2019** , 21, 267-280	3.7	11
28	Ethical concerns with the use of intelligent assistive technology: findings from a qualitative study with professional stakeholders. *BMC Medical Ethics*, **2019**, 20, 98	2.9	34
27	Synthetic Biology and the Translational Imperative. *Science and Engineering Ethics*, **2019**, 25, 33-52	3.1	
26	From Healthcare to Warfare and Reverse: How Should We Regulate Dual-Use Neurotechnology?. *Neuron*, **2018**, 97, 269-274	13.9	22
25	Health Research with Big Data: Time for Systemic Oversight. *Journal of Law, Medicine and Ethics*, **2018**, 46, 119-129	1.2	54
24	Life scientists views and perspectives on the regulation of dual-use research of concern. *Science and Public Policy*, **2018**, 45, 92-102	1.8	3
23	Ethical Design of Intelligent Assistive Technologies for Dementia: A Descriptive Review. *Science and Engineering Ethics*, **2018**, 24, 1035-1055	3.1	73
22	Big Data and Dementia: Charting the Route Ahead for Research, Ethics, and Policy. *Frontiers in Medicine*, **2018**, 5, 13	4.9	30
21	Digital health: meeting the ethical and policy challenges. *Swiss Medical Weekly*, **2018**, 148, w14571	3.1	38
20	Dual use in the 21st century: emerging risks and global governance. *Swiss Medical Weekly*, **2018**, 148, w14688	3.1	2

19	Enhanced Cognition, Enhanced Self? On Neuroenhancement and Subjectivity. *Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice*, **2018**, 2, 348-355	2.4	3
18	Machine learning in medicine: Addressing ethical challenges. *PLoS Medicine*, **2018**, 15, e1002689	11.6	191
17	Considerations for ethics review of big data health research: A scoping review. *PLoS ONE*, **2018**, 13, e0204937	3.7	107
16	Brain leaks and consumer neurotechnology. *Nature Biotechnology*, **2018**, 36, 805-810	44.5	62
15	Intelligent Assistive Technology for Alzheimer's Disease and Other Dementias: A Systematic Review. *Journal of Alzheimerls Disease*, **2017**, 56, 1301-1340	4.3	116
14	Towards new human rights in the age of neuroscience and neurotechnology. *Life Sciences, Society and Policy*, **2017**, 13, 5	3.2	153
13	Open sharing of genomic data: Who does it and why?. *PLoS ONE*, **2017**, 12, e0177158	3.7	33
12	What Is Trust? Ethics and Risk Governance in Precision Medicine and Predictive Analytics. *OMICS A Journal of Integrative Biology*, **2017**, 21, 704-710	3.8	23
11	Proactive Ethical Design for Neuroengineering, Assistive and Rehabilitation Technologies: the Cybathlon Lesson. *Journal of NeuroEngineering and Rehabilitation*, **2017**, 14, 115	5.3	19
10	The Biopolitics of Neuroethics **2017**, 247-261		4
9	Research led by participants: a new social contract for a new kind of research. *Journal of Medical Ethics*, **2016**, 42, 216-9	2.5	48
8	Strictly Biomedical? Sketching the Ethics of the Big Data Ecosystem in Biomedicine. *Law, Governance and Technology Series*, **2016**, 17-39	0	51
7	Hacking the brain: brain–computer interfacing technology and the ethics of neurosecurity. *Ethics and Information Technology*, **2016**, 18, 117-129	3.7	69
6	Social and Assistive Robotics in Dementia Care: Ethical Recommendations for Research and Practice. *International Journal of Social Robotics*, **2016**, 8, 565-573	4	45
5	We the Scientists: a Human Right to Citizen Science. *Philosophy and Technology*, **2015**, 28, 479-485	3.6	45
4	Opinion: Learning as we go: lessons from the publication of Facebook's social-computing research. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 13677-9	11.5	25
3	The ethics of participant-led biomedical research. *Nature Biotechnology*, **2013**, 31, 786-7	44.5	32
2	Adapting standards: ethical oversight of participant-led health research. *PLoS Medicine*, **2013**, 10, e1001402	11.6	61

List of Publications