

Alessandro Blasimme

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.

111
papers

3,956
citations

31
h-index

61
g-index

123
ext. papers

5,537
ext. citations

6.3
avg, IF

6.76
L-index

#	Paper	IF	Citations
111	The global landscape of AI ethics guidelines. <i>Nature Machine Intelligence</i> , 2019 , 1, 389-399	22.5	642
110	AI4People-An Ethical Framework for a Good AI Society: Opportunities, Risks, Principles, and Recommendations. <i>Minds and Machines</i> , 2018 , 28, 689-707	4.9	454
109	On the responsible use of digital data to tackle the COVID-19 pandemic. <i>Nature Medicine</i> , 2020 , 26, 463-464	46.5	248
108	Machine learning in medicine: Addressing ethical challenges. <i>PLoS Medicine</i> , 2018 , 15, e1002689	11.6	191
107	Explainability for artificial intelligence in healthcare: a multidisciplinary perspective. <i>BMC Medical Informatics and Decision Making</i> , 2020 , 20, 310	3.6	115
106	Digital tools against COVID-19: taxonomy, ethical challenges, and navigation aid. <i>The Lancet Digital Health</i> , 2020 , 2, e425-e434	14.4	111
105	Considerations for ethics review of big data health research: A scoping review. <i>PLoS ONE</i> , 2018 , 13, e0204937	4.37	107
104	Policy implications of big data in the health sector. <i>Bulletin of the World Health Organization</i> , 2018 , 96, 66-68	8.2	90
103	Between Openness and Privacy in Genomics. <i>PLoS Medicine</i> , 2016 , 13, e1001937	11.6	75
102	Adapting standards: ethical oversight of participant-led health research. <i>PLoS Medicine</i> , 2013 , 10, e1001402	10.6	61
101	Early evidence of effectiveness of digital contact tracing for SARS-CoV-2 in Switzerland. <i>Swiss Medical Weekly</i> , 2020 , 150, w20457	3.1	59
100	Biomedical Big Data: New Models of Control Over Access, Use and Governance. <i>Journal of Bioethical Inquiry</i> , 2017 , 14, 501-513	1.9	56
99	Health Research with Big Data: Time for Systemic Oversight. <i>Journal of Law, Medicine and Ethics</i> , 2018 , 46, 119-129	1.2	54
98	Operational Definition of Active and Healthy Ageing (AHA): A Conceptual Framework. <i>Journal of Nutrition, Health and Aging</i> , 2015 , 19, 955-60	5.2	54
97	Strictly Biomedical? Sketching the Ethics of the Big Data Ecosystem in Biomedicine. <i>Law, Governance and Technology Series</i> , 2016 , 17-39	0	51
96	Cell reprogramming requires silencing of a core subset of polycomb targets. <i>PLoS Genetics</i> , 2013 , 9, e1003292	10.6	50
95	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

94	Machine Learning in Medicine:.. <i>European Data Protection Law Review</i> , 2018 , 4, 320-332	1.5	47
93	We the Scientists: A Human Right to Citizen Science. <i>Philosophy and Technology</i> , 2015 , 28, 479-485	3.6	45
92	Data Sharing For Precision Medicine: Policy Lessons And Future Directions. <i>Health Affairs</i> , 2018 , 37, 702-709		41
91	Direct-to-consumer genomics on the scales of autonomy. <i>Journal of Medical Ethics</i> , 2015 , 41, 310-4	2.5	40
90	Elements of Trust in Digital Health Systems: Scoping Review. <i>Journal of Medical Internet Research</i> , 2018 , 20, e11254	7.6	40
89	Mapping the translational science policy 'valley of death'. <i>Clinical and Translational Medicine</i> , 2013 , 2, 14	5.7	39
88	Digital health: meeting the ethical and policy challenges. <i>Swiss Medical Weekly</i> , 2018 , 148, w14571	3.1	38
87	Assisted reproductive technologies in developing countries: are we caring yet?. <i>Fertility and Sterility</i> , 2009 , 92, 413-6	4.8	36
86	The dynamics of big data and human rights: the case of scientific research. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016 , 374,	3	34
85	Open sharing of genomic data: Who does it and why?. <i>PLoS ONE</i> , 2017 , 12, e0177158	3.7	33
84	Ethical issues in health research with novel online sources. <i>American Journal of Public Health</i> , 2012 , 102, 2225-30	5.1	33
83	The ethics of participant-led biomedical research. <i>Nature Biotechnology</i> , 2013 , 31, 786-7	44.5	32
82	Becoming partners, retaining autonomy: ethical considerations on the development of precision medicine. <i>BMC Medical Ethics</i> , 2016 , 17, 67	2.9	31
81	Big Data and Dementia: Charting the Route Ahead for Research, Ethics, and Policy. <i>Frontiers in Medicine</i> , 2018 , 5, 13	4.9	30
80	Caught in the web: informed consent for online health research. <i>Science Translational Medicine</i> , 2013 , 5, 173fs6	17.5	30
79	A research agenda for digital proximity tracing apps. <i>Swiss Medical Weekly</i> , 2020 , 150, w20324	3.1	29
78	Regulation of cell-based therapies in Europe: current challenges and emerging issues. <i>Stem Cells and Development</i> , 2013 , 22 Suppl 1, 14-9	4.4	27
77	What's next for COVID-19 apps? Governance and oversight. <i>Science</i> , 2020 , 370, 760-762	33.3	27

76	Operational Definition of Active and Healthy Aging (AHA): The European Innovation Partnership (EIP) on AHA Reference Site Questionnaire: Montpellier October 20-21, 2014, Lisbon July 2, 2015. <i>Journal of the American Medical Directors Association</i> , 2015 , 16, 1020-6	5.9	25
75	Genetic testing, insurance discrimination and medical research: what the United States can learn from peer countries. <i>Nature Medicine</i> , 2019 , 25, 1198-1204	50.5	25
74	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
73	Beyond the clinic: 'direct-to-consumer' genomic profiling services and pharmacogenomics. <i>Pharmacogenomics</i> , 2013 , 14, 403-12	2.6	25
72	Playing a part in research? University students' attitudes to direct-to-consumer genomics. <i>Public Health Genomics</i> , 2014 , 17, 158-68	1.9	25
71	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
70	Familial Alzheimer's disease sustained by presenilin 2 mutations: systematic review of literature and genotype-phenotype correlation. <i>Neuroscience and Biobehavioral Reviews</i> , 2014 , 42, 170-9	9	24
69	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
68	Development of the mHealth App Trustworthiness checklist. <i>Digital Health</i> , 2019 , 5, 20552076198864634		22
67	Bridging genomics research between developed and developing countries: the Genomic Medicine Alliance. <i>Personalized Medicine</i> , 2014 , 11, 615-623	2.2	21
66	Genetic incidental findings: autonomy regained?. <i>Genetics in Medicine</i> , 2013 , 15, 868-70	8.1	21
65	Improving the Measurement of Scientific Success by Reporting a Self-Citation Index. <i>Publications</i> , 2017 , 5, 20	1.7	19
64	Democratizing Health Research Through Data Cooperatives. <i>Philosophy and Technology</i> , 2018 , 31, 473-479		17
63	From Evidence to Action: Promoting a Multidimensional Approach to Mild Cognitive Impairment. <i>Journal of the American Medical Directors Association</i> , 2015 , 16, 710-1	5.9	15
62	Key Ethical Challenges in the European Medical Information Framework. <i>Minds and Machines</i> , 2019 , 29, 355-371	4.9	15
61	New ethical challenges of digital technologies, machine learning and artificial intelligence in public health: a call for papers. <i>Bulletin of the World Health Organization</i> , 2019 , 97, 2-2	8.2	15
60	Digital Contact Tracing Against COVID-19 in Europe: Current Features and Ongoing Developments. <i>Frontiers in Digital Health</i> , 2021 , 3, 660823	2.3	15
59	Issues about the use of subjective cognitive decline in Alzheimer's disease research. <i>Alzheimer's and Dementia</i> , 2014 , 10, 881-2	1.2	14

58	Tailored-to-You—Public Engagement and the Political Legitimation of Precision Medicine. <i>Perspectives in Biology and Medicine</i> , 2016 , 59, 172-188	1.5	14
57	Informed Consent and the Disclosure of Clinical Results to Research Participants. <i>American Journal of Bioethics</i> , 2017 , 17, 58-60	1.1	13
56	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
55	Big Data, precision medicine and private insurance: A delicate balancing act. <i>Big Data and Society</i> , 2019 , 6, 205395171983011	5.3	12
54	Operative definition of active and healthy ageing (AHA): Meeting report. Montpellier October 2021, 2014. <i>European Geriatric Medicine</i> , 2015 , 6, 196-200	3	12
53	Future-proofing biobanks' governance. <i>European Journal of Human Genetics</i> , 2020 , 28, 989-996	5.3	12
52	Attitudes towards personal genomics among older Swiss adults: An exploratory study. <i>Applied & Translational Genomics</i> , 2016 , 8, 9-15		12
51	Odon device for instrumental vaginal deliveries: results of a medical device pilot clinical study. <i>Reproductive Health</i> , 2018 , 15, 45	3.5	12
50	The European Court of Human Rights' ruling on unproven stem cell therapies: a missed opportunity?. <i>Stem Cells and Development</i> , 2014 , 23 Suppl 1, 39-43	4.4	12
49	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
48	Physical frailty, sarcopenia, and the enablement of autonomy: philosophical issues in geriatric medicine. <i>Aging Clinical and Experimental Research</i> , 2017 , 29, 59-63	4.8	11
47	Genomic incidental findings: reducing the burden to be fair. <i>American Journal of Bioethics</i> , 2013 , 13, 52-41.1	1.1	11
46	Public involvement in the governance of population-level biomedical research: unresolved questions and future directions. <i>Journal of Medical Ethics</i> , 2020 ,	2.5	11
45	Assessing Public Opinion on CRISPR-Cas9: Combining Crowdsourcing and Deep Learning. <i>Journal of Medical Internet Research</i> , 2020 , 22, e17830	7.6	9
44	Mild behavioral impairment: Ethical, methodological and clinical reflections. <i>Neuroscience and Biobehavioral Reviews</i> , 2016 , 69, 402-3	9	9
43	Genes wide open: Data sharing and the social gradient of genomic privacy. <i>AJOB Empirical Bioethics</i> , 2018 , 9, 207-221	3	9
42	What mechanisms can't do: explanatory frameworks and the function of the p53 gene in molecular oncology. <i>Studies in History and Philosophy of Science Part C: Studies in History and Philosophy of Biological and Biomedical Sciences</i> , 2013 , 44, 374-84	0.6	8
41	Translating stem cells to the clinic: scientific societies and the making of regenerative medicine. <i>Quaderni</i> , 2013 , 29-44	0.1	8

40	Combining the best interest standard with shared decision-making in paediatrics-introducing the shared optimum approach based on a qualitative study. <i>European Journal of Pediatrics</i> , 2021 , 180, 759-766	4.1	8
39	Value from health data: European opportunity to catalyse progress in digital health. <i>Lancet, The</i> , 2021 , 397, 652-653	4.0	8
38	Disclosing results to genomic research participants: differences that matter. <i>American Journal of Bioethics</i> , 2012 , 12, 20-2	1.1	7
37	Heritable Human Genome Editing: The Public Engagement Imperative. <i>CRISPR Journal</i> , 2020 , 3, 434-439	2.5	7
36	Big Data, Biomedical Research, and Ethics Review: New Challenges for IRBs. <i>Ethics & Human Research</i> , 2020 , 42, 17-28	2.1	7
35	Public willingness to participate in personalized health research and biobanking: A large-scale Swiss survey. <i>PLoS ONE</i> , 2021 , 16, e0249141	3.7	7
34	An Appeal to the Global Health Community for a Tripartite Innovation: An "Essential Diagnostics List," "Health in All Policies," and "See-Through 21(st) Century Science and Ethics". <i>OMICS A Journal of Integrative Biology</i> , 2015 , 19, 435-42	3.8	6
33	The Ethics of AI in Biomedical Research, Patient Care, and Public Health 2020 , 702-718		5
32	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, lsa010	4.1	5
31	A New Web-Based Big Data Analytics for Dynamic Public Opinion Mapping in Digital Networks on Contested Biotechnology Fields. <i>OMICS A Journal of Integrative Biology</i> , 2020 , 24, 29-42	3.8	4
30	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
29	The sarcopenia and physical frailty in older people: multi-component treatment strategies (SPRINTT) project: description and feasibility of a nutrition intervention in community-dwelling older Europeans. <i>European Geriatric Medicine</i> , 2021 , 12, 303-312	3	4
28	Digital Medicine and Ethics: Rooting for Evidence. <i>American Journal of Bioethics</i> , 2018 , 18, 49-51	1.1	4
27	Societal and global implications of the "dementia epidemic": the example of the London Heathrow airport. <i>European Journal of Epidemiology</i> , 2017 , 32, 347-348	12.1	3
26	The Ethics of AI in Biomedical Research, Patient Care and Public Health. <i>SSRN Electronic Journal</i> , 2019 ,	1	3
25	The plasticity of ageing and the rediscovery of ground-state prevention. <i>History and Philosophy of the Life Sciences</i> , 2021 , 43, 67	1	3
24	Transparency About Governance Contributes to Biobanks' Trustworthiness: Call for Action. <i>Biopreservation and Biobanking</i> , 2021 , 19, 83-85	2.1	3
23	A Systemic Approach to the Oversight of Machine Learning Clinical Translation.. <i>American Journal of Bioethics</i> , 2022 , 22, 23-25	1.1	3

22	Reprogramming potentiality: the co-production of stem cell policy and democracy. <i>American Journal of Bioethics</i> , 2013 , 13, 30-2	1.1	2
21	History and Ethics of Stem Cell Research 2011 ,		2
20	Overtreating Alzheimer's Disease. <i>Journal of Prevention of Alzheimer's Disease</i> , 2021 , 8, 234-236	3.8	2
19	Dual use in the 21st century: emerging risks and global governance. <i>Swiss Medical Weekly</i> , 2018 , 148, w14688	3.1	2
18	The translational lag narrative in policy discourse in the United States and the European Union: a comparative study. <i>Humanities and Social Sciences Communications</i> , 2021 , 8,	2.8	2
17	Public engagement with health data governance: the role of visibility. <i>Humanities and Social Sciences Communications</i> , 2021 , 8,	2.8	2
16	Public Health and Human Rights. <i>JAMA - Journal of the American Medical Association</i> , 2016 , 316, 103-4	27.4	2
15	Why Include the Public in Genome Editing Governance Deliberation?. <i>AMA Journal of Ethics</i> , 2019 , 21, E1065-1070	1.4	2
14	Digital bioethics: introducing new methods for the study of bioethical issues. <i>Journal of Medical Ethics</i> , 2021 ,	2.5	2
13	The Regulation of Human Germline Genome Modification in Switzerland 2020 , 409-438		1
12	"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
11	The Challenges of Big Data for Research Ethics Committees: A Qualitative Swiss Study. <i>Journal of Empirical Research on Human Research Ethics</i> , 2021 , 15562646211053538	1.6	0
10	Shifting the Focus of Dementia Prevention: Ethical Considerations. <i>AJOB Neuroscience</i> , 2021 , 12, 240-242	2.8	0
9	Visualizing an Ethics Framework: A Method to Create Interactive Knowledge Visualizations From Health Policy Documents. <i>Journal of Medical Internet Research</i> , 2020 , 22, e16249	7.6	0
8	Reporting Genetic Findings to Individual Research Participants: Guidelines From the Swiss Personalized Health Network. <i>Frontiers in Genetics</i> , 2020 , 11, 585820	4.5	0
7	Towards Adaptive Governance in Big Data Health Research 2021 , 257-265		0
6	Ethical requirements for responsible research with hacked data. <i>Nature Machine Intelligence</i> , 2021 , 3, 744-748	22.5	0
5	Genome Editing and Dialogic Responsibility: "What's in a Name?". <i>American Journal of Bioethics</i> , 2015 , 15, 54-7	1.1	

- 4 Next-generation phenotyping and genomic incidental findings: beyond the parkin example. *JAMA Neurology*, **2013**, 70, 1589-90 17.2
- 3 User Perspectives of a Web-Based Data-Sharing Platform (Open Humans) on Ethical Oversight in Participant-Led Research: Protocol for a Quantitative Study. *JMIR Research Protocols*, **2018**, 7, e10939 2
- 2 How Private Individuals Maintain Privacy and Govern Their Own Health Data Cooperative **2021**, 53-69
- 1 Regenerative Medicine, Unproven Therapies and the Framing of Clinical Risk. *Critical Studies in Risk and Uncertainty*, **2022**, 91-117 0.2