

# Alessandro Blasimme

## List of Publications by Year in descending order

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Version: 2024-02-01

116  
papers

7,599  
citations

94381

37  
h-index

62565

80  
g-index

123  
all docs

123  
docs citations

123  
times ranked

7502  
citing authors

#	ARTICLE	IF	CITATIONS
1	The global landscape of AI ethics guidelines. <i>Nature Machine Intelligence</i> , 2019, 1, 389-399.	8.3	1,575
2	AI4People – An Ethical Framework for a Good AI Society: Opportunities, Risks, Principles, and Recommendations. <i>Minds and Machines</i> , 2018, 28, 689-707.	2.7	957
3	Explainability for artificial intelligence in healthcare: a multidisciplinary perspective. <i>BMC Medical Informatics and Decision Making</i> , 2020, 20, 310.	1.5	503
4	On the responsible use of digital data to tackle the COVID-19 pandemic. <i>Nature Medicine</i> , 2020, 26, 463-464.	15.2	364
5	Machine learning in medicine: Addressing ethical challenges. <i>PLoS Medicine</i> , 2018, 15, e1002689.	3.9	351
6	Digital tools against COVID-19: taxonomy, ethical challenges, and navigation aid. <i>The Lancet Digital Health</i> , 2020, 2, e425-e434.	5.9	223
7	Ethical Challenges of Big Data in Public Health. <i>PLoS Computational Biology</i> , 2015, 11, e1003904.	1.5	203
8	Considerations for ethics review of big data health research: A scoping review. <i>PLoS ONE</i> , 2018, 13, e0204937.	1.1	158
9	What's next for COVID-19 apps? Governance and oversight. <i>Science</i> , 2020, 370, 760-762.	6.0	145
10	Policy implications of big data in the health sector. <i>Bulletin of the World Health Organization</i> , 2018, 96, 66-68.	1.5	118
11	Early evidence of effectiveness of digital contact tracing for SARS-CoV-2 in Switzerland. <i>Swiss Medical Weekly</i> , 2020, 150, w20457.	0.8	114
12	Elements of Trust in Digital Health Systems: Scoping Review. <i>Journal of Medical Internet Research</i> , 2018, 20, e11254.	2.1	101
13	Health Research with Big Data: Time for Systemic Oversight. <i>Journal of Law, Medicine and Ethics</i> , 2018, 46, 119-129.	0.4	90
14	Between Openness and Privacy in Genomics. <i>PLoS Medicine</i> , 2016, 13, e1001937.	3.9	86
15	Digital health: meeting the ethical and policy challenges. <i>Swiss Medical Weekly</i> , 2018, 148, w14571.	0.8	86
16	Operational definition of Active and Healthy Ageing (AHA): A conceptual framework. <i>Journal of Nutrition, Health and Aging</i> , 2015, 19, 955-960.	1.5	85
17	Biomedical Big Data: New Models of Control Over Access, Use and Governance. <i>Journal of Bioethical Inquiry</i> , 2017, 14, 501-513.	0.9	81
18	Adapting Standards: Ethical Oversight of Participant-Led Health Research. <i>PLoS Medicine</i> , 2013, 10, e1001402.	3.9	76

#	ARTICLE	IF	CITATIONS
19	â€œWe the Scientistsâ€: a Human Right to Citizen Science. <i>Philosophy and Technology</i> , 2015, 28, 479-485.	2.6	76
20	Research led by participants: a new social contract for a new kind of research. <i>Journal of Medical Ethics</i> , 2016, 42, 216-219.	1.0	67
21	Data Sharing For Precision Medicine: Policy Lessons And Future Directions. <i>Health Affairs</i> , 2018, 37, 702-709.	2.5	66
22	Cell Reprogramming Requires Silencing of a Core Subset of Polycomb Targets. <i>PLoS Genetics</i> , 2013, 9, e1003292.	1.5	59
23	Mapping the translational science policy â€˜valley of deathâ€™™. <i>Clinical and Translational Medicine</i> , 2013, 2, 14.	1.7	58
24	â€œStrictly Biomedical? Sketching the Ethics of the Big Data Ecosystem in Biomedicineâ€• Law, Governance and Technology Series, 2016, , 17-39.	0.3	58
25	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.	1.1	56
26	Machine Learning in Medicine:. <i>European Data Protection Law Review</i> , 2018, 4, 320-332.	0.1	56
27	Revolutionizing Medical Data Sharing Using Advanced Privacy-Enhancing Technologies: Technical, Legal, and Ethical Synthesis. <i>Journal of Medical Internet Research</i> , 2021, 23, e25120.	2.1	54
28	Open sharing of genomic data: Who does it and why?. <i>PLoS ONE</i> , 2017, 12, e0177158.	1.1	53
29	Direct-to-consumer genomics on the scales of autonomy. <i>Journal of Medical Ethics</i> , 2015, 41, 310-314.	1.0	52
30	Big Data and Dementia: Charting the Route Ahead for Research, Ethics, and Policy. <i>Frontiers in Medicine</i> , 2018, 5, 13.	1.2	51
31	Digital Contact Tracing Against COVID-19 in Europe: Current Features and Ongoing Developments. <i>Frontiers in Digital Health</i> , 2021, 3, 660823.	1.5	51
32	Development of the mHealth App Trustworthiness checklist. <i>Digital Health</i> , 2019, 5, 205520761988646.	0.9	49
33	A research agenda for digital proximity tracing apps. <i>Swiss Medical Weekly</i> , 2020, 150, w20324.	0.8	49
34	The ethics of participant-led biomedical research. <i>Nature Biotechnology</i> , 2013, 31, 786-787.	9.4	48
35	Caught in the Web: Informed Consent for Online Health Research. <i>Science Translational Medicine</i> , 2013, 5, 173fs6.	5.8	47
36	Genetic testing, insurance discrimination and medical research: what the United States can learn from peer countries. <i>Nature Medicine</i> , 2019, 25, 1198-1204.	15.2	46

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37	Assisted reproductive technologies in developing countries: are we caring yet?. <i>Fertility and Sterility</i> , 2009, 92, 413-416.	0.5	45
38	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, 20160129.	1.6	44
39	Becoming partners, retaining autonomy: ethical considerations on the development of precision medicine. <i>BMC Medical Ethics</i> , 2016, 17, 67.	1.0	40
40	Ethical Issues in Health Research With Novel Online Sources. <i>American Journal of Public Health</i> , 2012, 102, 2225-2230.	1.5	39
41	Ethics review of big data research: What should stay and what should be reformed?. <i>BMC Medical Ethics</i> , 2021, 22, 51.	1.0	39
42	Regulation of Cell-Based Therapies in Europe: Current Challenges and Emerging Issues. <i>Stem Cells and Development</i> , 2013, 22, 14-19.	1.1	38
43	<i>What Is Trust?</i> Ethics and Risk Governance in Precision Medicine and Predictive Analytics. <i>OMICS A Journal of Integrative Biology</i> , 2017, 21, 704-710.	1.0	38
44	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, 170-179.	2.9	37
45	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, 1020-1026.	1.2	33
46	Improving the Measurement of Scientific Success by Reporting a Self-Citation Index. <i>Publications</i> , 2017, 5, 20.	1.9	32
47	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, 13677-13679.	3.3	31
48	Public willingness to participate in personalized health research and biobanking: A large-scale Swiss survey. <i>PLoS ONE</i> , 2021, 16, e0249141.	1.1	31
49	Beyond the clinic: "direct-to-consumer" genomic profiling services and pharmacogenomics. <i>Pharmacogenomics</i> , 2013, 14, 403-412.	0.6	30
50	Genetic incidental findings: autonomy regained?. <i>Genetics in Medicine</i> , 2013, 15, 868-870.	1.1	30
51	Democratizing Health Research Through Data Cooperatives. <i>Philosophy and Technology</i> , 2018, 31, 473-479.	2.6	28
52	Playing a Part in Research? University Students' Attitudes to Direct-To-Consumer Genomics. <i>Public Health Genomics</i> , 2014, 17, 158-168.	0.6	27
53	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.	1.2	27
54	Value from health data: European opportunity to catalyse progress in digital health. <i>Lancet, The</i> , 2021, 397, 652-653.	6.3	27

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55	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, Isaa010.	0.8	26
56	Future-proofing biobanks™ governance. European Journal of Human Genetics, 2020, 28, 989-996.	1.4	26
57	New ethical challenges of digital technologies, machine learning and artificial intelligence in public health: a call for papers. Bulletin of the World Health Organization, 2019, 97, 2-2.	1.5	26
58	Key Ethical Challenges in the European Medical Information Framework. Minds and Machines, 2019, 29, 355-371.	2.7	23
59	Bridging genomics research between developed and developing countries: the Genomic Medicine Alliance. Personalized Medicine, 2014, 11, 615-623.	0.8	22
60	Balancing risks and benefits of artificial intelligence in the health sector. Bulletin of the World Health Organization, 2020, 98, 230-230A.	1.5	22
61	Big Data, Biomedical Research, and Ethics Review: New Challenges for IRBs. Ethics & Human Research, 2020, 42, 17-28.	0.5	21
62	Towards a Governance Framework for Brain Data. Neuroethics, 2022, 15, .	1.7	21
63	From Evidence to Action: Promoting a Multidimensional Approach to Mild Cognitive Impairment. Journal of the American Medical Directors Association, 2015, 16, 710-711.	1.2	20
64	“Tailored-to-You” Public Engagement and the Political Legitimation of Precision Medicine. Perspectives in Biology and Medicine, 2016, 59, 172-188.	0.3	20
65	Public involvement in the governance of population-level biomedical research: unresolved questions and future directions. Journal of Medical Ethics, 2021, 47, 522-525.	1.0	20
66	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.	2.2	20
67	Informed Consent and the Disclosure of Clinical Results to Research Participants. American Journal of Bioethics, 2017, 17, 58-60.	0.5	19
68	Operative definition of active and healthy ageing (AHA): Meeting report. Montpellier October 2021, 2014. European Geriatric Medicine, 2015, 6, 196-200.	1.2	18
69	Combining the best interest standard with shared decision-making in paediatrics: introducing the shared optimum approach based on a qualitative study. European Journal of Pediatrics, 2021, 180, 759-766.	1.3	18
70	Odon device for instrumental vaginal deliveries: results of a medical device pilot clinical study. Reproductive Health, 2018, 15, 45.	1.2	17
71	Heritable Human Genome Editing: The Public Engagement Imperative. CRISPR Journal, 2020, 3, 434-439.	1.4	17
72	Issues about the use of subjective cognitive decline in Alzheimer's disease research. Alzheimer's and Dementia, 2014, 10, 881-882.	0.4	16

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73	Big Data, precision medicine and private insurance: A delicate balancing act. <i>Big Data and Society</i> , 2019, 6, 205395171983011.	2.6	16
74	Genes wide open: Data sharing and the social gradient of genomic privacy. <i>AJOB Empirical Bioethics</i> , 2018, 9, 207-221.	0.8	15
75	The Challenges of Big Data for Research Ethics Committees: A Qualitative Swiss Study. <i>Journal of Empirical Research on Human Research Ethics</i> , 2022, 17, 129-143.	0.6	15
76	An Appeal to the Global Health Community for a Tripartite Innovation: An "Essential Diagnostics List," "Health in All Policies," and "See-Through 21 <sup>st</sup> Century Science and Ethics." <i>OMICS A Journal of Integrative Biology</i> , 2015, 19, 435-442.	1.0	14
77	Mild behavioral impairment: Ethical, methodological and clinical reflections. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 69, 402-403.	2.9	14
78	Attitudes towards personal genomics among older Swiss adults: An exploratory study. <i>Applied &amp; Translational Genomics</i> , 2016, 8, 9-15.	2.1	14
79	Physical frailty, sarcopenia, and the enablement of autonomy: philosophical issues in geriatric medicine. <i>Aging Clinical and Experimental Research</i> , 2017, 29, 59-63.	1.4	14
80	Digital bioethics: introducing new methods for the study of bioethical issues. <i>Journal of Medical Ethics</i> , 2023, 49, 783-790.	1.0	14
81	Assessing Public Opinion on CRISPR-Cas9: Combining Crowdsourcing and Deep Learning. <i>Journal of Medical Internet Research</i> , 2020, 22, e17830.	2.1	14
82	Genomic Incidental Findings: Reducing the Burden to Be Fair. <i>American Journal of Bioethics</i> , 2013, 13, 52-54.	0.5	13
83	The European Court of Human Rights'™ Ruling on Unproven Stem Cell Therapies: A Missed Opportunity?. <i>Stem Cells and Development</i> , 2014, 23, 39-43.	1.1	13
84	Direct-to-Consumer Neurotechnology: What Is It and What Is It for?. <i>AJOB Neuroscience</i> , 2019, 10, 149-151.	0.6	11
85	Public engagement with health data governance: the role of visibility. <i>Humanities and Social Sciences Communications</i> , 2021, 8, .	1.3	11
86	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, 374-384.	0.8	8
87	Why Include the Public in Genome Editing Governance Deliberation?. <i>AMA Journal of Ethics</i> , 2019, 21, E1065-1070.	0.4	8
88	The plasticity of ageing and the rediscovery of ground-state prevention. <i>History and Philosophy of the Life Sciences</i> , 2021, 43, 67.	0.6	8
89	Transposer les cellules souches en clinique: sociÃ©tÃ©s savantes et structuration de la mÃ©decine rÃ©gÃ©nÃ©rative. <i>Quaderni</i> , 2013, , 29-44.	0.2	8
90	Dual use in the 21st century: emerging risks and global governance. <i>Swiss Medical Weekly</i> , 2018, 148, w14688.	0.8	8

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91	Disclosing Results to Genomic Research Participants: Differences That Matter. <i>American Journal of Bioethics</i> , 2012, 12, 20-22.	0.5	7
92	The Ethics of AI in Biomedical Research, Patient Care and Public Health. <i>SSRN Electronic Journal</i> , 0, , .	0.4	7
93	Transparency About Governance Contributes to Biobanks' Trustworthiness: Call for Action. <i>Biopreservation and Biobanking</i> , 2021, 19, 83-85.	0.5	7
94	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.	1.0	6
95	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, .	1.3	6
96	A Systemic Approach to the Oversight of Machine Learning Clinical Translation. <i>American Journal of Bioethics</i> , 2022, 22, 23-25.	0.5	5
97	Reprogramming Potentiality: The Co-Production of Stem Cell Policy and Democracy. <i>American Journal of Bioethics</i> , 2013, 13, 30-32.	0.5	4
98	Digital Medicine and Ethics: Rooting for Evidence. <i>American Journal of Bioethics</i> , 2018, 18, 49-51.	0.5	4
99	Overtreating Alzheimer's Disease. <i>Journal of prevention of Alzheimer's disease, The</i> , 2021, 8, 1-3.	1.5	4
100	Public Health and Human Rights. <i>JAMA - Journal of the American Medical Association</i> , 2016, 316, 103.	3.8	3
101	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.	2.5	3
102	Shifting the Focus of Dementia Prevention: Ethical Considerations. <i>AJOB Neuroscience</i> , 2021, 12, 240-242.	0.6	3
103	"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.	0.9	2
104	Rethinking ageing: introduction. <i>History and Philosophy of the Life Sciences</i> , 2021, 43, 95.	0.6	2
105	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.	2.1	2
106	Genome Editing and Dialogic Responsibility: "What's in a Name?" <i>American Journal of Bioethics</i> , 2015, 15, 54-57.	0.5	1
107	Reporting Genetic Findings to Individual Research Participants: Guidelines From the Swiss Personalized Health Network. <i>Frontiers in Genetics</i> , 2020, 11, 585820.	1.1	1
108	The Regulation of Human Germline Genome Modification in Switzerland. , 2020, , 409-438.		1

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109	Towards Adaptive Governance in Big Data Health Research. , 2021, , 257-265.		1
110	Ethical requirements for responsible research with hacked data. Nature Machine Intelligence, 2021, 3, 744-748.	8.3	1
111	Next-Generation Phenotyping and Genomic Incidental Findings. JAMA Neurology, 2013, 70, 1589.	4.5	0
112	How Private Individuals Maintain Privacy and Govern Their Own Health Data Cooperative. , 2021, , 53-69.		0
113	Understanding Global Challenges of Rapidly Developing Technologies: Digital Methods for Empirical Bioethics. Studia Universitatis Babeş-Bolyai Bioethica, 2021, 66, 158-158.	0.0	0
114	Governare la biomedicina: l'etica della ricerca scientifica come questione pubblica. Paradigmi, 2011, , 127-143.	0.0	0
115	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.	0.5	0
116	Towards Adaptive Governance in Big Data Health Research: Implementing Regulatory Principles. SSRN Electronic Journal, 0, , .	0.4	0