

Effy Vayena

List of Publications by Year in Descending Order

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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.

60 papers	2,699 citations	26 h-index	51 g-index
70 ext. papers	3,733 ext. citations	8 avg, IF	6.5 L-index

#	Paper	IF	Citations
60	A Systemic Approach to the Oversight of Machine Learning Clinical Translation.. <i>American Journal of Bioethics</i> , 2022 , 22, 23-25	1.1	3
59	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
58	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
57	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
56	Big Data and Artificial Intelligence for Global Health 2021 , 429-439		0
55	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
54	Ethical requirements for responsible research with hacked data. <i>Nature Machine Intelligence</i> , 2021 , 3, 744-748	22.5	0
53	Digital bioethics: introducing new methods for the study of bioethical issues. <i>Journal of Medical Ethics</i> , 2021 ,	2.5	2
52	Future-proofing biobanks' governance. <i>European Journal of Human Genetics</i> , 2020 , 28, 989-996	5.3	12
51	Digital tools against COVID-19: taxonomy, ethical challenges, and navigation aid. <i>The Lancet Digital Health</i> , 2020 , 2, e425-e434	14.4	111
50	"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
49	On the responsible use of digital data to tackle the COVID-19 pandemic. <i>Nature Medicine</i> , 2020 , 26, 463-464	36.5	248
48	The Mobile Health App Trustworthiness Checklist: Usability Assessment. <i>JMIR MHealth and UHealth</i> , 2020 , 8, e16844	5.5	7
47	Assessing Public Opinion on CRISPR-Cas9: Combining Crowdsourcing and Deep Learning. <i>Journal of Medical Internet Research</i> , 2020 , 22, e17830	7.6	9
46	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
45	Heritable Human Genome Editing: The Public Engagement Imperative. <i>CRISPR Journal</i> , 2020 , 3, 434-439	2.5	7
44	Big Data, Biomedical Research, and Ethics Review: New Challenges for IRBs. <i>Ethics & Human Research</i> , 2020 , 42, 17-28	2.1	7

43	The global landscape of AI ethics guidelines. <i>Nature Machine Intelligence</i> , 2019 , 1, 389-399	22.5	642
42	From principles to practice: benchmarking government guidance on health apps. <i>The Lancet Digital Health</i> , 2019 , 1, e55-e57	14.4	15
41	Big Data, precision medicine and private insurance: A delicate balancing act. <i>Big Data and Society</i> , 2019 , 6, 205395171983011	5.3	12
40	Key Ethical Challenges in the European Medical Information Framework. <i>Minds and Machines</i> , 2019 , 29, 355-371	4.9	15
39	Project Categories to Guide Institutional Oversight of Responsible Conduct of Scientists Leading Citizen Science in the United States. <i>Citizen Science: Theory and Practice</i> , 2019 , 4, 7	2.5	2
38	Development of the mHealth App Trustworthiness checklist. <i>Digital Health</i> , 2019 , 5, 20552076198864634		22
37	Health Research with Big Data: Time for Systemic Oversight. <i>Journal of Law, Medicine and Ethics</i> , 2018 , 46, 119-129	1.2	54
36	Data Sharing For Precision Medicine: Policy Lessons And Future Directions. <i>Health Affairs</i> , 2018 , 37, 702-709		41
35	Big Data and Dementia: Charting the Route Ahead for Research, Ethics, and Policy. <i>Frontiers in Medicine</i> , 2018 , 5, 13	4.9	30
34	Is there a duty to participate in digital epidemiology?. <i>Life Sciences, Society and Policy</i> , 2018 , 14, 9	3.2	10
33	Elements of Trust in Digital Health Systems: Scoping Review. <i>Journal of Medical Internet Research</i> , 2018 , 20, e11254	7.6	40
32	Digital health: meeting the ethical and policy challenges. <i>Swiss Medical Weekly</i> , 2018 , 148, w14571	3.1	38
31	User Perspectives of a Web-Based Data-Sharing Platform (Open Humans) on Ethical Oversight in Participant-Led Research: Protocol for a Quantitative Study. <i>JMIR Research Protocols</i> , 2018 , 7, e10939	2	
30	Machine learning in medicine: Addressing ethical challenges. <i>PLoS Medicine</i> , 2018 , 15, e1002689	11.6	191
29	Genes wide open: Data sharing and the social gradient of genomic privacy. <i>AJOB Empirical Bioethics</i> , 2018 , 9, 207-221	3	9
28	Considerations for ethics review of big data health research: A scoping review. <i>PLoS ONE</i> , 2018 , 13, e0204937	10.4	107
27	Policy implications of big data in the health sector. <i>Bulletin of the World Health Organization</i> , 2018 , 96, 66-68	8.2	90
26	Open sharing of genomic data: Who does it and why?. <i>PLoS ONE</i> , 2017 , 12, e0177158	3.7	33

25	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
24	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
23	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
22	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
21	Becoming partners, retaining autonomy: ethical considerations on the development of precision medicine. <i>BMC Medical Ethics</i> , 2016 , 17, 67	2.9	31
20	Attitudes towards personal genomics among older Swiss adults: An exploratory study. <i>Applied & Translational Genomics</i> , 2016 , 8, 9-15		12
19	Strictly Biomedical? Sketching the Ethics of the Big Data Ecosystem in Biomedicine— <i>Law, Governance and Technology Series</i> , 2016 , 17-39	0	51
18	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
17	Between Openness and Privacy in Genomics. <i>PLoS Medicine</i> , 2016 , 13, e1001937	11.6	75
16	The place of human rights and the common good in global health policy. <i>Theoretical Medicine and Bioethics</i> , 2016 , 37, 365-82	0.9	4
15	Getting human rights right in global health policy. <i>Lancet, The</i> , 2015 , 385, e42-4	40	9
14	Direct-to-consumer genomics on the scales of autonomy. <i>Journal of Medical Ethics</i> , 2015 , 41, 310-4	2.5	40
13	We the Scientists—A Human Right to Citizen Science. <i>Philosophy and Technology</i> , 2015 , 28, 479-485	3.6	45
12	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
11	Key challenges for next-generation pharmacogenomics: Science & Society series on Science and Drugs. <i>EMBO Reports</i> , 2014 , 15, 472-6	6.5	41
10	The next step in the patient revolution: patients initiating and leading research. <i>BMJ, The</i> , 2014 , 349, g4318	5.9	11
9	Ready to put metadata on the post-2015 development agenda? Linking data publications to responsible innovation and science diplomacy. <i>OMICS A Journal of Integrative Biology</i> , 2014 , 18, 1-9	3.8	26
8	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

7	The challenge of personal genomics in Germany. <i>Nature Biotechnology</i> , 2013 , 31, 16-7	44.5	11
6	The ethics of participant-led biomedical research. <i>Nature Biotechnology</i> , 2013 , 31, 786-7	44.5	32
5	Adapting standards: ethical oversight of participant-led health research. <i>PLoS Medicine</i> , 2013 , 10, e1001402	40.6	61
4	Caught in the web: informed consent for online health research. <i>Science Translational Medicine</i> , 2013 , 5, 173fs6	17.5	30
3	Ethical issues in health research with novel online sources. <i>American Journal of Public Health</i> , 2012 , 102, 2225-30	5.1	33
2	Digital contact-tracing during the Covid-19 pandemic: an analysis of newspaper coverage in Germany, Austria, and Switzerland		3
1	Combining Crowdsourcing and Deep Learning to Assess Public Opinion on CRISPR-Cas9		2