

# Sara Gerke

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5133024/publications.pdf>

Version: 2024-02-01

37  
papers

1,543  
citations

430442

18  
h-index

454577

30  
g-index

39  
all docs

39  
docs citations

39  
times ranked

1261  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ethical and legal challenges of artificial intelligence-driven healthcare. , 2020, , 295-336.		274
2	Potential Liability for Physicians Using Artificial Intelligence. JAMA - Journal of the American Medical Association, 2019, 322, 1765.	3.8	236
3	The need for a system view to regulate artificial intelligence/machine learning-based software as medical device. Npj Digital Medicine, 2020, 3, 53.	5.7	122
4	Germanyâ€™s digital health reforms in the COVID-19 era: lessons and opportunities for other countries. Npj Digital Medicine, 2020, 3, 94.	5.7	111
5	Regulatory, safety, and privacy concerns of home monitoring technologies during COVID-19. Nature Medicine, 2020, 26, 1176-1182.	15.2	94
6	Beware explanations from AI in health care. Science, 2021, 373, 284-286.	6.0	87
7	Algorithms on regulatory lockdown in medicine. Science, 2019, 366, 1202-1204.	6.0	64
8	The European artificial intelligence strategy: implications and challenges for digital health. The Lancet Digital Health, 2020, 2, e376-e379.	5.9	51
9	To explain or not to explain?â€”Artificial intelligence explainability in clinical decision support systems. , 2022, 1, e0000016.		49
10	The need for health AI ethics in medical school education. Advances in Health Sciences Education, 2021, 26, 1447-1458.	1.7	44
11	Artificial Intelligence and Liability in Medicine: Balancing Safety and Innovation. Milbank Quarterly, 2021, 99, 629-647.	2.1	44
12	Regulatory responses to medical machine learning. Journal of Law and the Biosciences, 2020, 7, lsaa002.	0.8	42
13	Ethical and legal issues of ingestible electronic sensors. Nature Electronics, 2019, 2, 329-334.	13.1	36
14	Ethical and Legal Aspects of Ambient Intelligence in Hospitals. JAMA - Journal of the American Medical Association, 2020, 323, 601.	3.8	36
15	Mitigating Racial Bias in Machine Learning. Journal of Law, Medicine and Ethics, 2022, 50, 92-100.	0.4	31
16	The Regulation of Mitochondrial Replacement Techniques Around the World. Annual Review of Genomics and Human Genetics, 2020, 21, 565-586.	2.5	28
17	Direct-to-consumer medical machine learning and artificial intelligence applications. Nature Machine Intelligence, 2021, 3, 283-287.	8.3	28
18	AI Surveillance during Pandemics: Ethical Implementation Imperatives. Hastings Center Report, 2020, 50, 18-21.	0.7	27

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19	Ethical and Legal Implications of Remote Monitoring of Medical Devices. <i>Milbank Quarterly</i> , 2020, 98, 1257-1289.	2.1	20
20	How Much Can Potential Jurors Tell Us About Liability for Medical Artificial Intelligence?. <i>Journal of Nuclear Medicine</i> , 2021, 62, 15-16.	2.8	20
21	On Assessing Trustworthy AI in Healthcare. Machine Learning as a Supportive Tool to Recognize Cardiac Arrest in Emergency Calls. <i>Frontiers in Human Dynamics</i> , 2021, 3, .	1.0	15
22	Ethical and Legal Challenges of Artificial Intelligence-Driven Health Care. <i>SSRN Electronic Journal</i> , 0, , .	0.4	12
23	How does emerging patent case law in the US and Europe affect precision medicine?. <i>Nature Biotechnology</i> , 2019, 37, 1118-1125.	9.4	11
24	Ethical Considerations Related to Using Machine Learning-Based Prediction of Mortality in the Pediatric Intensive Care Unit. <i>Journal of Pediatrics</i> , 2022, 247, 125-128.	0.9	9
25	German Pharmaceutical Pricing: Lessons for the United States. <i>International Journal of Health Services</i> , 2022, 52, 146-158.	1.2	8
26	Applying the proportionality principle to COVID-19 antibody testing. <i>Journal of Law and the Biosciences</i> , 2020, 7, Isaa058.	0.8	7
27	9. Rechtliche Aspekte der Stammzellforschung in Deutschland: Grenzen und Möglichkeiten der Forschung mit humanen embryonalen Stammzellen (hES-Zellen) und mit humanen induzierten pluripotenten Stammzellen (hiPS-Zellen). , 2018, , 209-236.		6
28	Rise of the Bioethics AI: Curse or Blessing?. <i>American Journal of Bioethics</i> , 2022, 22, 35-37.	0.5	5
29	A User-Focused Transdisciplinary Research Agenda for AI-Enabled Health Tech Governance. <i>SSRN Electronic Journal</i> , 0, , .	0.4	4
30	Die klinische Translation von hiPS-Zellen in Deutschland. <i>Veröffentlichungen Des Instituts Für Deutsches, Europäisches Und Internationales Medizinrecht, Gesundheitsrecht Und Bioethik Der Universitäten Heidelberg Und Mannheim</i> , 2020, , 243-327.	0.2	4
31	Naturwissenschaftliche, ethische und rechtliche Empfehlungen zur klinischen Translation der Forschung mit humanen induzierten pluripotenten Stammzellen und davon abgeleiteten Produkten. <i>Veröffentlichungen Des Instituts Für Deutsches, Europäisches Und Internationales Medizinrecht, Gesundheitsrecht Und Bioethik Der Universitäten Heidelberg Und Mannheim</i> , 2020, , 459-485.	0.2	4
32	“I feel like someone was watching me” watching for a good reason: perceptions of data privacy, access, and sharing in the context of real-time PrEP adherence monitoring among HIV-negative MSM with substance use. <i>AIDS and Behavior</i> , 2022, 26, 2981-2993.	1.4	4
33	eu Marketing Authorisation of Orphan Medicinal Products and Its Impact on Related Research. <i>European Journal of Health Law</i> , 2017, 24, 541-564.	0.1	3
34	COVID-19 Antibody Testing as a Precondition for Employment: Ethical and Legal Considerations. <i>Journal of Law, Medicine and Ethics</i> , 2021, 49, 293-302.	0.4	3
35	Privacy aspects of direct-to-consumer artificial intelligence/machine learning health apps. <i>Intelligence-based Medicine</i> , 2022, 6, 100061.	1.4	3
36	Ethische und rechtliche Herausforderungen digitaler Medizin in Pandemien. , 2021, , 179-219.		1

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37	When Is a Change Significant? The Update Problem of Apps in Medical and Behavioral Research. <i>Ethics &amp; Human Research</i> , 2022, 44, 2-11.	0.5	0