Sara Gerke

List of Publications by Year
in descending order

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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	German Pharmaceutical Pricing: Lessons for the United States. International Journal of Health Services, 2022, 52, 146-158.	1.2	8
2	Ethical Considerations Related to Using Machine Learning-Based Prediction of Mortality in the Pediatric Intensive Care Unit. Journal of Pediatrics, 2022, 247, 125-128.	0.9	9
3	Mitigating Racial Bias in Machine Learning. Journal of Law, Medicine and Ethics, 2022, 50, 92-100.	0.4	31
4	To explain or not to explain?â€”Artificial intelligence explainability in clinical decision support systems. , 2022, 1, e0000016.		49
5	â€œIâ€™d feel like someone was watchinâ€™ meâ€¦ watching for a good reasonâ€: perceptions of data privacy, access, and sharing in the context of real-time PrEP adherence monitoring among HIV-negative MSM with substance use. AIDS and Behavior, 2022, 26, 2981-2993.	1.4	4
6	Privacy aspects of direct-to-consumer artificial intelligence/machine learning health apps. Intelligence-based Medicine, 2022, 6, 100061.	1.4	3
7	When Is a Change Significant? The Update Problem of Apps in Medical and Behavioral Research. Ethics & Human Research, 2022, 44, 2-11.	0.5	0
8	Rise of the Bioethics AI: Curse or Blessing?. American Journal of Bioethics, 2022, 22, 35-37.	0.5	5
9	The need for health AI ethics in medical school education. Advances in Health Sciences Education, 2021, 26, 1447-1458.	1.7	44
10	Artificial Intelligence and Liability in Medicine: Balancing Safety and Innovation. Milbank Quarterly, 2021, 99, 629-647.	2.1	44
11	Direct-to-consumer medical machine learning and artificial intelligence applications. Nature Machine Intelligence, 2021, 3, 283-287.	8.3	28
12	Beware explanations from AI in health care. Science, 2021, 373, 284-286.	6.0	87
13	On Assessing Trustworthy AI in Healthcare. Machine Learning as a Supportive Tool to Recognize Cardiac Arrest in Emergency Calls. Frontiers in Human Dynamics, 2021, 3, .	1.0	15
14	COVID-19 Antibody Testing as a Precondition for Employment: Ethical and Legal Considerations. Journal of Law, Medicine and Ethics, 2021, 49, 293-302.	0.4	3
15	How Much Can Potential Jurors Tell Us About Liability for Medical Artificial Intelligence?. Journal of Nuclear Medicine, 2021, 62, 15-16.	2.8	20
16	Ethische und rechtliche Herausforderungen digitaler Medizin in Pandemien. , 2021, , 179-219.		1
17	Applying the proportionality principle to COVID-19 antibody testing. Journal of Law and the Biosciences, 2020, 7, lsaa058.	0.8	7
18	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

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19	Regulatory, safety, and privacy concerns of home monitoring technologies during COVID-19. Nature Medicine, 2020, 26, 1176-1182.	15.2	94
20	Ethical and Legal Implications of Remote Monitoring of Medical Devices. Milbank Quarterly, 2020, 98, 1257-1289.	2.1	20
21	The European artificial intelligence strategy: implications and challenges for digital health. The Lancet Digital Health, 2020, 2, e376-e379.	5.9	51
22	AI Surveillance during Pandemics: Ethical Implementation Imperatives. Hastings Center Report, 2020, 50, 18-21.	0.7	27
23	Ethical and legal challenges of artificial intelligence-driven healthcare. , 2020, , 295-336.		274
24	Ethical and Legal Aspects of Ambient Intelligence in Hospitals. JAMA - Journal of the American Medical Association, 2020, 323, 601.	3.8	36
25	The Regulation of Mitochondrial Replacement Techniques Around the World. Annual Review of Genomics and Human Genetics, 2020, 21, 565-586.	2.5	28
26	Regulatory responses to medical machine learning. Journal of Law and the Biosciences, 2020, 7, lsaa002.	0.8	42
27	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
28	Die klinische Translation von hiPS-Zellen in Deutschland. VerÃ¶ffentlichungen Des Instituts FÃ¼r Deutsches, EuropÃisches Und Internationales Medizinrecht, Gesundheitsrecht Und Bioethik Der UniversitÃten Heidelberg Und Mannheim, 2020, , 243-327.	0.2	4
29	Naturwissenschaftliche, ethische und rechtliche Empfehlungen zur klinischen Translation der Forschung mit humanen induzierten pluripotenten Stammzellen und davon abgeleiteten Produkten. VerÃ¶ffentlichungen Des Instituts FÃ¼r Deutsches, EuropÃisches Und Internationales Medizinrecht, Gesundheitsrecht Und Bioethik Der UniversitÃten Heidelberg Und Mannheim, 2020, , 459-485.	0.2	4
30	Ethical and legal issues of ingestible electronic sensors. Nature Electronics, 2019, 2, 329-334.	13.1	36
31	How does emerging patent case law in the US and Europe affect precision medicine?. Nature Biotechnology, 2019, 37, 1118-1125.	9.4	11
32	Potential Liability for Physicians Using Artificial Intelligence. JAMA - Journal of the American Medical Association, 2019, 322, 1765.	3.8	236
33	Algorithms on regulatory lockdown in medicine. Science, 2019, 366, 1202-1204.	6.0	64
34	9. Rechtliche Aspekte der Stammzellforschung in Deutschland: Grenzen und MÃ¶glichkeiten der Forschung mit humanen embryonalen Stammzellen (hES-Zellen) und mit humanen induzierten pluripotenten Stammzellen (hiPS-Zellen). , 2018, , 209-236.		6
35	eu Marketing Authorisation of Orphan Medicinal Products and Its Impact on Related Research. European Journal of Health Law, 2017, 24, 541-564.	0.1	3
36	A User-Focused Transdisciplinary Research Agenda for AI-Enabled Health Tech Governance. SSRN Electronic Journal, 0, , .	0.4	4

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37	Ethical and Legal Challenges of Artificial Intelligence-Driven Health Care. SSRN Electronic Journal, 0, , .	0.4	12