

Seth D Baum

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

1,340
citations

377584

21
h-index

445137

33
g-index

60
all docs

60
docs citations

60
times ranked

817
citing authors

#	ARTICLE	IF	CITATIONS
1	From AI for people to AI for the world and the universe. <i>AI and Society</i> , 2023, 38, 679-680.	3.1	0
2	Artificial Intelligence Needs Environmental Ethics. <i>Ethics, Policy and Environment</i> , 2023, 26, 139-143.	0.8	4
3	Pandemic refuges: Lessons from 2 years of COVID-19. <i>Risk Analysis</i> , 2023, 43, 875-883.	1.5	4
4	Artificial Interdisciplinarity: Artificial Intelligence for Research on Complex Societal Problems. <i>Philosophy and Technology</i> , 2021, 34, 45-63.	2.6	5
5	Accounting for violent conflict risk in planetary defense decisions. <i>Acta Astronautica</i> , 2021, 178, 15-23.	1.7	1
6	AI Certification: Advancing Ethical Practice by Reducing Information Asymmetries. <i>IEEE Transactions on Technology and Society</i> , 2021, 2, 200-209.	2.4	25
7	Moral consideration of nonhumans in the ethics of artificial intelligence. <i>AI and Ethics</i> , 2021, 1, 517-528.	4.6	22
8	Corporate Governance of Artificial Intelligence in the Public Interest. <i>Information (Switzerland)</i> , 2021, 12, 275.	1.7	24
9	Collective action on artificial intelligence: A primer and review. <i>Technology in Society</i> , 2021, 66, 101649.	4.8	13
10	Artificial intelligence, systemic risks, and sustainability. <i>Technology in Society</i> , 2021, 67, 101741.	4.8	122
11	The Ethics of Sustainability for Artificial Intelligence. , 2021, , .		5
12	Social choice ethics in artificial intelligence. <i>AI and Society</i> , 2020, 35, 165-176.	3.1	57
13	Quantifying the probability of existential catastrophe: A reply to Beard et al.. <i>Futures</i> , 2020, 123, 102608.	1.4	1
14	Deep learning and the sociology of human-level artificial intelligence. <i>Metascience</i> , 2020, 29, 313-317.	0.1	0
15	Medium-Term Artificial Intelligence and Society. <i>Information (Switzerland)</i> , 2020, 11, 290.	1.7	8
16	Risk-Risk Tradeoff Analysis of Nuclear Explosives for Asteroid Deflection. <i>Risk Analysis</i> , 2019, 39, 2427-2442.	1.5	6
17	Long-term trajectories of human civilization. <i>Foresight</i> , 2019, 21, 53-83.	1.2	44
18	Countering Superintelligence Misinformation. <i>Information (Switzerland)</i> , 2018, 9, 244.	1.7	10

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19	Superintelligence Skepticism as a Political Tool. <i>Information (Switzerland)</i> , 2018, 9, 209.	1.7	11
20	Evaluating future nanotechnology: The net societal impacts of atomically precise manufacturing. <i>Futures</i> , 2018, 100, 63-73.	1.4	17
21	Uncertain human consequences in asteroid risk analysis and the global catastrophe threshold. <i>Natural Hazards</i> , 2018, 94, 759-775.	1.6	13
22	Reconciliation between factions focused on near-term and long-term artificial intelligence. <i>AI and Society</i> , 2018, 33, 565-572.	3.1	24
23	A model of pathways to artificial superintelligence catastrophe for risk and decision analysis. <i>Journal of Experimental and Theoretical Artificial Intelligence</i> , 2017, 29, 397-414.	1.8	27
24	Risk Analysis and Risk Management for the Artificial Superintelligence Research and Development Process. <i>The Frontiers Collection</i> , 2017, , 127-140.	0.1	5
25	On the promotion of safe and socially beneficial artificial intelligence. <i>AI and Society</i> , 2017, 32, 543-551.	3.1	66
26	On the Promotion of Safe and Socially Beneficial Artificial Intelligence. <i>SSRN Electronic Journal</i> , 2016, , .	0.4	3
27	The Ethics of Outer Space: A Consequentialist Perspective. <i>Space and Society</i> , 2016, , 109-123.	1.6	17
28	Risk and resilience for unknown, unquantifiable, systemic, and unlikely/catastrophic threats. <i>Environment Systems and Decisions</i> , 2015, 35, 229-236.	1.9	21
29	Isolated refuges for surviving global catastrophes. <i>Futures</i> , 2015, 72, 45-56.	1.4	40
30	The far future argument for confronting catastrophic threats to humanity: Practical significance and alternatives. <i>Futures</i> , 2015, 72, 86-96.	1.4	22
31	Confronting the threat of nuclear winter. <i>Futures</i> , 2015, 72, 69-79.	1.4	17
32	Resilience to global food supply catastrophes. <i>Environment Systems and Decisions</i> , 2015, 35, 301-313.	1.9	44
33	Confronting future catastrophic threats to humanity. <i>Futures</i> , 2015, 72, 1-3.	1.4	13
34	Winter-safe Deterrence: The Risk of Nuclear Winter and Its Challenge to Deterrence. <i>Contemporary Security Policy</i> , 2015, 36, 123-148.	2.0	18
35	Winter-Safe Deterrence as a Practical Contribution to Reducing Nuclear Winter Risk: A Reply. <i>Contemporary Security Policy</i> , 2015, 36, 387-397.	2.0	2
36	The great downside dilemma for risky emerging technologies. <i>Physica Scripta</i> , 2014, 89, 128004.	1.2	13

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37	Integrating the planetary boundaries and global catastrophic risk paradigms. <i>Ecological Economics</i> , 2014, 107, 13-21.	2.9	39
38	The benefits and harm of transmitting into space. <i>Space Policy</i> , 2013, 29, 40-48.	0.8	31
39	Double catastrophe: intermittent stratospheric geoengineering induced by societal collapse. <i>Environment Systems and Decisions</i> , 2013, 33, 168-180.	1.9	47
40	Analyzing and Reducing the Risks of Inadvertent Nuclear War Between the United States and Russia. <i>Science and Global Security</i> , 2013, 21, 106-133.	0.1	53
41	Adaptation to and Recovery from Global Catastrophe. <i>Sustainability</i> , 2013, 5, 1461-1479.	1.6	46
42	The Ethics of Global Catastrophic Risk from Dual-Use Bioengineering. <i>Ethics in Biology, Engineering & Medicine</i> , 2013, 4, 59-72.	0.1	6
43	Public Scholarship Student Projects for Introductory Environmental Courses. <i>Journal of Geography in Higher Education</i> , 2012, 36, 403-419.	1.4	3
44	Value Typology in Cost-Benefit Analysis. <i>Environmental Values</i> , 2012, 21, 499-524.	0.7	13
45	Climate Change: Evidence of Human Causes and Arguments for Emissions Reduction. <i>Science and Engineering Ethics</i> , 2012, 18, 393-410.	1.7	7
46	How long until human-level AI? Results from an expert assessment. <i>Technological Forecasting and Social Change</i> , 2011, 78, 185-195.	6.2	88
47	Intrinsic Ethics Regarding Integrated Assessment Models for Climate Management. <i>Science and Engineering Ethics</i> , 2011, 17, 503-523.	1.7	35
48	Would contact with extraterrestrials benefit or harm humanity? A scenario analysis. <i>Acta Astronautica</i> , 2011, 68, 2114-2129.	1.7	42
49	Space-time discounting in climate change adaptation. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2010, 15, 591-609.	1.0	12
50	Universalist ethics in extraterrestrial encounter. <i>Acta Astronautica</i> , 2010, 66, 617-623.	1.7	14
51	Is Humanity Doomed? Insights from Astrobiology. <i>Sustainability</i> , 2010, 2, 591-603.	1.6	25
52	Description, prescription and the choice of discount rates. <i>Ecological Economics</i> , 2009, 69, 197-205.	2.9	47
53	The "hidden" social costs of forestry offsets. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2009, 14, 107-120.	1.0	3
54	Cost-benefit analysis of space exploration: Some ethical considerations. <i>Space Policy</i> , 2009, 25, 75-80.	0.8	30

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55	The Role of the National Science Foundation Broader Impacts Criterion in Enhancing Research Ethics Pedagogy. <i>Social Epistemology</i> , 2009, 23, 317-336.	0.7	26
56	A Survey of Artificial General Intelligence Projects for Ethics, Risk, and Policy. <i>SSRN Electronic Journal</i> , 0, , .	0.4	36
57	A Model for the Probability of Nuclear War. <i>SSRN Electronic Journal</i> , 0, , .	0.4	9
58	A Model for the Impacts of Nuclear War. <i>SSRN Electronic Journal</i> , 0, , .	0.4	3