

Steve Fetter

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

934
citations

567281

15
h-index

526287

27
g-index

36
all docs

36
docs citations

36
times ranked

440
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-term radioactive waste from fusion reactors: Part II. Fusion Engineering and Design, 1990, 13, 239-246.	1.9	127
2	Detecting nuclear warheads. Science and Global Security, 1990, 1, 225-253.	0.3	114
3	Ballistic Missiles and Weapons of Mass Destruction: What is the Threat? What Should be Done?. International Security, 1991, 16, 5.	2.5	98
4	NUCLEAR POWER:A Nuclear Solution to Climate Change?. Science, 2000, 288, 1177-1178.	12.6	91
5	Long-term radioactivity in fusion reactors. Fusion Engineering and Design, 1988, 6, 123-130.	1.9	69
6	The Economics of Reprocessing versus Direct Disposal of Spent Nuclear Fuel. Nuclear Technology, 2005, 150, 209-230.	1.2	69
7	National Missile Defense and the Future of U.S. Nuclear Weapons Policy. International Security, 2001, 26, 40-92.	2.5	48
8	Initial Integration of Accident Safety, Waste Management, Recycling, Effluent, and Maintenance Considerations for Low-Activation Materials. Fusion Science and Technology, 1991, 19, 146-161.	0.6	41
9	Should the United States Reject MAD? Damage Limitation and U.S. Nuclear Strategy toward China. International Security, 2016, 41, 49-98.	2.5	36
10	Gamma-Ray Measurements of a Soviet Cruise-Missile Warhead. Science, 1990, 248, 828-834.	12.6	32
11	The hazard posed by depleted uranium munitions. Science and Global Security, 2000, 8, 125-161.	0.3	32
12	Implications of small modular reactors for climate change mitigation. Energy Economics, 2014, 45, 144-154.	12.1	24
13	The hazard from plutonium dispersal by nuclear warhead accidents. Science and Global Security, 1990, 2, 21-41.	0.3	19
14	Nuclear archaeology: Verifying declarations of fissile material production. Science and Global Security, 1993, 3, 237-259.	0.3	18
15	Counterforce Revisited: Assessing the Nuclear Posture Review's New Missions. International Security, 2005, 30, 84-126.	2.5	18
16	Contribution of Activation Products to Fusion Accident Risk: Part II. Effects Of Alternative Materials And Designs. Nuclear Technology/Fusion, 1983, 4, 599-619.	0.5	10
17	Why were Scud casualties so low?. Nature, 1993, 361, 293-296.	27.8	10
18	The Radiological Hazards of Magnetic Fusion Reactors. Fusion Science and Technology, 1987, 11, 400-415.	0.6	9

#	ARTICLE	IF	CITATIONS
19	An Expert Elicitation of the Proliferation Resistance of Using Small Modular Reactors (SMR) for the Expansion of Civilian Nuclear Systems. <i>Risk Analysis</i> , 2018, 38, 242-254.	2.7	9
20	A Calculational Methodology for Comparing the Accident, Occupational, and Waste-Disposal Hazards of Fusion Reactor Designs. <i>Fusion Science and Technology</i> , 1985, 8, 1359-1366.	0.6	8
21	Stockpile Confidence under a Nuclear Test Ban. <i>International Security</i> , 1987, 12, 132.	2.5	5
22	The Limits of Damage Limitation. <i>International Security</i> , 2017, 42, 193-207.	2.5	5
23	Fissile materials and weapon design. <i>Science and Global Security</i> , 1990, 1, 255-263.	0.3	4
24	Nuclear weapons dangers and policy options. <i>Physics Today</i> , 2018, 71, 32-39.	0.3	4
25	Passive Detection of Nuclear Warheads. , 1989, , 48-59.		4
26	Limited National and Allied Missile Defense. <i>International Security</i> , 2002, 26, 190-201.	2.5	3
27	Emission and absorption of radiation. <i>Science and Global Security</i> , 1990, 1, 265-285.	0.3	2
28	Nuclear Deterrence and the 1990 Indo-Pakistani Crisis. <i>International Security</i> , 1996, 21, 176-185.	2.5	2
29	Critiquing the NPR's New Nuclear Missions. , 2005, , 23-38.		1
30	Protecting U.S. Space Assets from Antisatellite Weapons. <i>Annals of the New York Academy of Sciences</i> , 1986, 489, 18-37.	3.8	0
31	Would a test ban strengthen SDI?. <i>Bulletin of the Atomic Scientists</i> , 1987, 43, 40-41.	0.6	0
32	Nuclear Pit Facility's Merits, Snags, and Timelines. <i>Physics Today</i> , 2005, 58, 12-13.	0.3	0
33	THE CLIMATE CHANGE IMPERATIVE AND THE FUTURE OF NUCLEAR ENERGY. , 2007, , .		0
34	Working the National Ocean Policy and Making the National Ocean Policy Work. <i>Oceanography</i> , 2011, 24, 151-152.	1.0	0
35	Estimating the Amount of Nuclear Weapon-usable Material Outside Government Control Using Data on Reported Seizures. <i>Science and Global Security</i> , 2017, 25, 125-142.	0.3	0