Nebojsa Nakicenovic

List of Publications by Year
in descending order

45 papers	20,079 citations	147801 31 h-index	243625 44 g-index
48 all docs	48 docs citations	48 times ranked	23255 citing authors

#	Article	IF	Citations
1	Perspectives on the pervasive energy-systems transformations. , 2022, 1, .		2
2	Defining a sustainable development target space for 2030 and 2050. One Earth, 2022, 5, 142-156.	6.8	54
3	Defining â€˜science-based targetsâ€™. National Science Review, 2021, 8, nwaa186.	9.5	26
4	Identifying a Safe and Just Corridor for People and the Planet. Earth's Future, 2021, 9, e2020EF001866.	6.3	84
5	All options, not silver bullets, needed to limit global warming to 1.5 Â°C: a scenario appraisal. Environmental Research Letters, 2021, 16, 064037.	5.2	58
6	An action agenda for Africa's electricity sector. Science, 2021, 373, 616-619.	12.6	23
7	Integrated Solutions for the Water-Energy-Land Nexus: Are Global Models Rising to the Challenge?. Water (Switzerland), 2019, 11, 2223.	2.7	24
8	Six Transformations to achieve the Sustainable Development Goals. Nature Sustainability, 2019, 2, 805-814.	23.7	999
9	Key indicators to track current progress and future ambition of the Paris Agreement. Nature Climate Change, 2017, 7, 118-122.	18.8	298
10	A roadmap for rapid decarbonization. Science, 2017, 355, 1269-1271.	12.6	815
11	Biophysical and economic limits to negative CO2 emissions. Nature Climate Change, 2016, 6, 42-50.	18.8	973
12	Reaching peak emissions. Nature Climate Change, 2016, 6, 7-10.	18.8	194
13	A Framework for the Development of New Socio-economic Scenarios for Climate Change Research: Introductory Essay. Climatic Change, 2014, 122, 351-361.	3.6	57
14	Climate change: The necessary, the possible and the desirable Earth League climate statement on the implications for climate policy from the 5th <scp>IPCC</scp> Assessment. Earth's Future, 2014, 2, 606-611.	6.3	18
15	Climate policies can help resolve energy security and air pollution challenges. Climatic Change, 2013, 119, 479-494.	3.6	129
16	A proposal for a new scenario framework to support research and assessment in different climate research communities. Global Environmental Change, 2012, 22, 21-35.	7.8	228
17	The representative concentration pathways: an overview. Climatic Change, 2011, 109, 5-31.	3.6	5,871
18	RCP 8.5â€”A scenario of comparatively high greenhouse gas emissions. Climatic Change, 2011, 109, 33-57.	3.6	2,168

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19	The next generation of scenarios for climate change research and assessment. Nature, 2010, 463, 747-756.	27.8	5,299
20	What do near-term observations tell us about long-term developments in greenhouse gas emissions?. Climatic Change, 2010, 103, 635-642.	3.6	20
21	Gas hydrates: entrance to a methane age or climate threat?. Environmental Research Letters, 2009, 4, 034007.	5.2	73
22	Towards sustainability of energy systems: A primer on how to apply the concept of energy services to identify necessary trends and policies. Energy Policy, 2008, 36, 4012-4021.	8.8	105
23	Scenarios of long-term socio-economic and environmental development under climate stabilization. Technological Forecasting and Social Change, 2007, 74, 887-935.	11.6	933
24	Assessment of emissions scenarios revisited. Environmental Economics and Policy Studies, 2006, 7, 137-173.	2.0	49
25	Characterizing Climate-Change Uncertainties for Decision-Makers. An Editorial Essay. Climatic Change, 2004, 65, 1-9.	3.6	215
26	Emissions Scenarios: A Final Response. Energy and Environment, 2004, 15, 11-24.	4.6	35
27	IPCC Sres Revisited: A Response. Energy and Environment, 2003, 14, 187-214.	4.6	45
28	Methane as an energy source for the 21st century. International Journal of Global Energy Issues, 2002, 18, 6.	0.4	4
29	The Kyoto Protocol Emission Allocations: Windfall Surpluses for Russia and Ukraine. Climatic Change, 2001, 49, 263-277.	3.6	16
30	Identifying dangers in an uncertain climate. Nature, 2001, 412, 15-15.	27.8	91
31	Energy and the protection of the atmosphere. International Journal of Global Energy Issues, 2000, 13, 4.	0.4	24
32	Greenhouse Gas Emissions Scenarios. Technological Forecasting and Social Change, 2000, 65, 149-166.	11.6	87
33	Climate Implications of Greenhouse Gas Emissions Scenarios. Technological Forecasting and Social Change, 2000, 65, 195-204.	11.6	13
34	MODELINGTECHNOLOGICALCHANGE: Implications for the Global Environment. Annual Review of Environment and Resources, 1999, 24, 545-569.	1.2	84
35	Dynamics of energy technologies and global change. Energy Policy, 1999, 27, 247-280.	8.8	582
36	Emissions Scenarios Database and Review of Scenarios. Mitigation and Adaptation Strategies for Global Change, 1998, 3, 95-131.	2.1	46

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37	Decarbonization: Doing more with less. Technological Forecasting and Social Change, 1996, 51, 1-17.	11.6	39
38	Global energy perspectives: A summary of the joint study by the international institute for applied systems analysis and world energy council. Technological Forecasting and Social Change, 1996, 51, 237-264.	11.6	27
39	Decarbonizing the global energy system. Technological Forecasting and Social Change, 1996, 53, 97-110.	11.6	70
40	Overland Transportation Networks: History of Development and Future Prospects. , 1995, , 195-228.		1
41	A comparative assessment of different options to reduce CO2 emissions. Energy Conversion and Management, 1992, 33, 763-771.	9.2	4
42	CO2 reduction and removal: Measures for the next century. Energy, 1991, 16, 1347-1377.	8.8	42
43	Carbon dioxide emissions in a methane economy. Climatic Change, 1988, 12, 245-263.	3.6	43
44	The automobile road to technological change. Technological Forecasting and Social Change, 1986, 29, 309-340.	11.6	70
45	Energy Primer. , 0, , 99-150.		26