

Nebojsa Nakicenovic

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11349948/publications.pdf>

Version: 2024-02-01

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	The representative concentration pathways: an overview. <i>Climatic Change</i> , 2011, 109, 5-31.	3.6	5,871
2	The next generation of scenarios for climate change research and assessment. <i>Nature</i> , 2010, 463, 747-756.	27.8	5,299
3	RCP 8.5â€”A scenario of comparatively high greenhouse gas emissions. <i>Climatic Change</i> , 2011, 109, 33-57.	3.6	2,168
4	Six Transformations to achieve the Sustainable Development Goals. <i>Nature Sustainability</i> , 2019, 2, 805-814.	23.7	999
5	Biophysical and economic limits to negative CO2 emissions. <i>Nature Climate Change</i> , 2016, 6, 42-50.	18.8	973
6	Scenarios of long-term socio-economic and environmental development under climate stabilization. <i>Technological Forecasting and Social Change</i> , 2007, 74, 887-935.	11.6	933
7	A roadmap for rapid decarbonization. <i>Science</i> , 2017, 355, 1269-1271.	12.6	815
8	Dynamics of energy technologies and global change. <i>Energy Policy</i> , 1999, 27, 247-280.	8.8	582
9	Key indicators to track current progress and future ambition of the Paris Agreement. <i>Nature Climate Change</i> , 2017, 7, 118-122.	18.8	298
10	A proposal for a new scenario framework to support research and assessment in different climate research communities. <i>Global Environmental Change</i> , 2012, 22, 21-35.	7.8	228
11	Characterizing Climate-Change Uncertainties for Decision-Makers. An Editorial Essay. <i>Climatic Change</i> , 2004, 65, 1-9.	3.6	215
12	Reaching peak emissions. <i>Nature Climate Change</i> , 2016, 6, 7-10.	18.8	194
13	Climate policies can help resolve energy security and air pollution challenges. <i>Climatic Change</i> , 2013, 119, 479-494.	3.6	129
14	Towards sustainability of energy systems: A primer on how to apply the concept of energy services to identify necessary trends and policies. <i>Energy Policy</i> , 2008, 36, 4012-4021.	8.8	105
15	Identifying dangers in an uncertain climate. <i>Nature</i> , 2001, 412, 15-15.	27.8	91
16	Greenhouse Gas Emissions Scenarios. <i>Technological Forecasting and Social Change</i> , 2000, 65, 149-166.	11.6	87
17	MODELING TECHNOLOGICAL CHANGE: Implications for the Global Environment. <i>Annual Review of Environment and Resources</i> , 1999, 24, 545-569.	1.2	84
18	Identifying a Safe and Just Corridor for People and the Planet. <i>Earth's Future</i> , 2021, 9, e2020EF001866.	6.3	84

#	ARTICLE	IF	CITATIONS
19	Gas hydrates: entrance to a methane age or climate threat?. Environmental Research Letters, 2009, 4, 034007.	5.2	73
20	The automobile road to technological change. Technological Forecasting and Social Change, 1986, 29, 309-340.	11.6	70
21	Decarbonizing the global energy system. Technological Forecasting and Social Change, 1996, 53, 97-110.	11.6	70
22	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
23	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
24	Defining a sustainable development target space for 2030 and 2050. One Earth, 2022, 5, 142-156.	6.8	54
25	Assessment of emissions scenarios revisited. Environmental Economics and Policy Studies, 2006, 7, 137-173.	2.0	49
26	Emissions Scenarios Database and Review of Scenarios. Mitigation and Adaptation Strategies for Global Change, 1998, 3, 95-131.	2.1	46
27	IPCC Sres Revisited: A Response. Energy and Environment, 2003, 14, 187-214.	4.6	45
28	Carbon dioxide emissions in a methane economy. Climatic Change, 1988, 12, 245-263.	3.6	43
29	CO2 reduction and removal: Measures for the next century. Energy, 1991, 16, 1347-1377.	8.8	42
30	Decarbonization: Doing more with less. Technological Forecasting and Social Change, 1996, 51, 1-17.	11.6	39
31	Emissions Scenarios: A Final Response. Energy and Environment, 2004, 15, 11-24.	4.6	35
32	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
33	Energy Primer. , 0, , 99-150.		26
34	Defining "science-based targets"™. National Science Review, 2021, 8, nwaa186.	9.5	26
35	Energy and the protection of the atmosphere. International Journal of Global Energy Issues, 2000, 13, 4.	0.4	24
36	Integrated Solutions for the Water-Energy-Land Nexus: Are Global Models Rising to the Challenge?. Water (Switzerland), 2019, 11, 2223.	2.7	24

#	ARTICLE	IF	CITATIONS
37	An action agenda for Africa's electricity sector. Science, 2021, 373, 616-619.	12.6	23
38	What do near-term observations tell us about long-term developments in greenhouse gas emissions?. Climatic Change, 2010, 103, 635-642.	3.6	20
39	Climate change: The necessary, the possible and the desirable Earth League climate statement on the implications for climate policy from the 5th <sc>IPCC</sc> Assessment. Earth's Future, 2014, 2, 606-611.	6.3	18
40	The Kyoto Protocol Emission Allocations: Windfall Surpluses for Russia and Ukraine. Climatic Change, 2001, 49, 263-277.	3.6	16
41	Climate Implications of Greenhouse Gas Emissions Scenarios. Technological Forecasting and Social Change, 2000, 65, 195-204.	11.6	13
42	A comparative assessment of different options to reduce CO2 emissions. Energy Conversion and Management, 1992, 33, 763-771.	9.2	4
43	Methane as an energy source for the 21st century. International Journal of Global Energy Issues, 2002, 18, 6.	0.4	4
44	Perspectives on the pervasive energy-systems transformations. , 2022, 1, .		2
45	Overland Transportation Networks: History of Development and Future Prospects. , 1995, , 195-228.		1