

Can BECCS deliver sustainable and resource efficient ne

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Slicing the pie: how big could carbon dioxide removal be?. Wiley Interdisciplinary Reviews: Energy and Environment, 2017, 6, e253.	1.9	14
2	Oscillating coal and biomass flames: A spectral and digital imaging approach for air and oxyfuel conditions. Fuel Processing Technology, 2018, 173, 243-252.	3.7	12
3	The Global Food-Energy-Water Nexus. Reviews of Geophysics, 2018, 56, 456-531.	9.0	446
4	The political economy of negative emissions technologies: consequences for international policy design. Climate Policy, 2018, 18, 306-321.	2.6	118
5	Extra CO2 sequestration following reutilization of biomass ash. Science of the Total Environment, 2018, 625, 1013-1020.	3.9	42
6	Integrating carbon dioxide removal into EU climate policy: Prospects for a paradigm shift. Wiley Interdisciplinary Reviews: Climate Change, 2018, 9, e521.	3.6	40
7	Geoengineering: neither economical, nor ethical—a risk-reward nexus analysis of carbon dioxide removal. International Environmental Agreements: Politics, Law and Economics, 2018, 18, 63-77.	1.5	27
8	The energy return on investment of BECCS: is BECCS a threat to energy security?. Energy and Environmental Science, 2018, 11, 1581-1594.	15.6	89
9	Comparative exergy analysis between liquid fuels production through carbon dioxide reforming and conventional steam reforming. Journal of Cleaner Production, 2018, 192, 88-98.	4.6	25
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13	Bio-energy with carbon capture and storage (BECCS): Opportunities for performance improvement. Fuel, 2018, 213, 164-175.	3.4	51
14	Constraints on biomass energy deployment in mitigation pathways: the case of water scarcity. Environmental Research Letters, 2018, 13, 054011.	2.2	19
15	Investigating the BECCS resource nexus: delivering sustainable negative emissions. Energy and Environmental Science, 2018, 11, 3408-3430.	15.6	96
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17	Evaluating the use of biomass energy with carbon capture and storage in low emission scenarios. Environmental Research Letters, 2018, 13, 044014.	2.2	81
18	Opportunities for application of BECCS in the Australian power sector. Applied Energy, 2018, 224, 615-635.	5.1	64

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19	The global potential for converting renewable electricity to negative-CO ₂ -emissions hydrogen. <i>Nature Climate Change</i> , 2018, 8, 621-625.	8.1	74
20	Land-use emissions play a critical role in land-based mitigation for Paris climate targets. <i>Nature Communications</i> , 2018, 9, 2938.	5.8	194
21	Investment costs and CO ₂ reduction potential of carbon capture from industrial plants – A Swedish case study. <i>International Journal of Greenhouse Gas Control</i> , 2018, 76, 111-124.	2.3	60
22	Closing the carbon cycle to maximise climate change mitigation: power-to-methanol vs. power-to-direct air capture. <i>Sustainable Energy and Fuels</i> , 2018, 2, 1153-1169.	2.5	53
23	Electrochemically growth-controlled honeycomb-like NiMoO ₄ nanoporous network on nickel foam and its applications in all-solid-state asymmetric supercapacitors. <i>New Journal of Chemistry</i> , 2018, 42, 14805-14816.	1.4	26
24	An assessment of CCS costs, barriers and potential. <i>Energy Strategy Reviews</i> , 2018, 22, 61-81.	3.3	284
25	Nanoparticle-plant interaction: Implications in energy, environment, and agriculture. <i>Environment International</i> , 2018, 119, 1-19.	4.8	212
26	Negative emission technologies. , 2019, , 1-13.		12
27	Carbon capture technologies. , 2019, , 15-45.		11
28	Status of bioenergy with carbon capture and storage – potential and challenges. , 2019, , 85-107.		8
29	Bioenergy with carbon capture and storage in a future world. , 2019, , 273-287.		0
30	Pricing CO ₂ Direct Air Capture. <i>Joule</i> , 2019, 3, 1571-1573.	11.7	26
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32	Beyond carbon pricing: policy levers for negative emissions technologies. <i>Climate Policy</i> , 2019, 19, 1144-1156.	2.6	36
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35	Higher Carbon Prices on Emissions Alone Will Not Deliver the Paris Agreement. <i>Joule</i> , 2019, 3, 2120-2133.	11.7	45
36	Mitigation potential and environmental impact of centralized versus distributed BECCS with domestic biomass production in Great Britain. <i>GCB Bioenergy</i> , 2019, 11, 1234-1252.	2.5	23

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43	The implications of delivering the UK's Paris Agreement commitments on the power sector. <i>International Journal of Greenhouse Gas Control</i> , 2019, 85, 174-181.	2.3	15
44	Implementing the Paris Climate Agreement: Risks and Opportunities for Sustainable Land Use. <i>International Yearbook of Soil Law and Policy</i> , 2019, , 249-270.	0.2	2
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