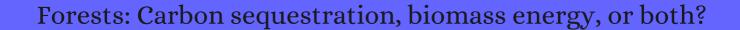
CITATION REPORT List of articles citing



DOI: 10.1126/sciadv.aay6792 Science Advances, 2020, 6, eaay6792.

Source: https://exaly.com/paper-pdf/77563239/citation-report.pdf

Version: 2024-04-20

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
100	How effective are forests in mitigating climate change?. 2020 , 120, 102295		4
99	The economic costs of planting, preserving, and managing the world's forests to mitigate climate change. 2020 , 11, 5946		19
98	Assessment of Annual Shoot Biomass and Carbon Storage Potential of Grewia optiva: an Approach to Combat Climate Change in Garhwal Himalaya. 2020 , 231, 1		13
97	Climate Change and Forests. 2020 , 12, 23-43		4
96	Effects of Production of Woody Pellets in the Southeastern United States on the Sustainable Development Goals. 2021 , 13, 821		9
95	A stand level application of efficiency analysis to understand efficacy of fertilization and thinning with drought in a loblolly pine plantation. 2021 , 482, 118855		3
94	Does Aiming for Long-Term Non-Decreasing Flow of Timber Secure Carbon Accumulation: A Lithuanian Forestry Case. 2021 , 13, 2778		3
93	Global forest management, carbon sequestration and bioenergy supply under alternative shared socioeconomic pathways. 2021 , 103, 105302		11
92	Restoring Ecosystem Services of Degraded Forests in a Changing Climate. 2021 , 353-375		1
91	Forest Restoration in Low- and Middle-Income Countries. 2021 , 46,		3
90	Applying a science-based systems perspective to dispel misconceptions about climate effects of forest bioenergy. 2021 , 13, 1210-1231		9
89	Toward a carbon neutral campus: a scalable approach to estimate carbon storage and biosequestration, an example from University of Michigan. 2021 , 22, 1108-1124		2
88	Excluding Large Wild Herbivores Reduced Norway Spruce Dominance and Supported Tree Species Richness in a Young, Naturally Regenerated Stand. 2021 , 12, 737		1
87	Can biomass energy curtail environmental pollution? A quantum model approach to Germany. 2021 , 287, 112293		24
86	Bioenergy for climate change mitigation: Scale and sustainability. 2021 , 13, 1346-1371		6
85	Climate urgency and the timing of carbon fluxes. 2021 , 151, 106162		3
84	Resilience Lessons From the Southeast United States Woody Pellet Supply Chain Response to the COVID-19 Pandemic (12021, 4,		2

83	Biotechnology for carbon capture and fixation: Critical review and future directions. 2021, 293, 112830	11
82	Spatio-temporal analysis of remotely sensed forest loss data in the Cordillera Administrative Region, Philippines. 1	
81	Do Forest Landscape Pattern Planning and Optimization Play a Role in Enhancing Soil Conservation Services in Mountain Areas of Western China?. 2021 , 31, 848-866	1
80	Duration of forest fertilization effects on streamwater chemistry in a catchment in central Sweden. 2021 , 496, 119450	O
79	Variation in Carbon Content among the Major Tree Species in Hemiboreal Forests in Latvia. 2021 , 12, 1292	3
78	Timber production and carbon emission reductions through improved forest management and substitution of fossil fuels with wood biomass. 2021 , 173, 105737	1
77	A scientometric analysis and review of biogenic volatile organic compound emissions: Research hotspots, new frontiers, and environmental implications. 2021 , 149, 111317	4
76	Authoritarian environmentalism, just transition, and the tension between environmental protection and social justice in China's forestry reform. 2021 , 131, 102574	8
75	Prospects of Sustainable Biomass-Based Power Generation in a Small Island Country. 2021 , 318, 128519	5
74	Structural effects of C3 oxygenated fuels on soot formation in ethylene coflow diffusion flames. 2021 , 232, 111512	4
73	Forest Management for Climate Protection. 2021 , 21-32	
72	Assessing the long-term interactions of climate change and timber markets on forest land and carbon storage. 2021 , 16, 014051	6
71	Forest Resource Management and Its Climate-Change Mitigation Policies in Taiwan. 2021 , 9, 3	2
70	Climate Modeling for Macroeconomic Policy: A Case Study for Pakistan. 2021 ,	
69	CO sequestration by propagation of the fast-growing Azolla spp. 2021 , 1	2
68	Tree biomass and carbon stock assessment of subtropical and temperate forests in the Central Himalaya, India. 2021 , 6, 100147	1
67	Evaluation of ecosystem carbon storage in major forest types of Eastern Himalaya: Implications for carbon sink management. 2022 , 302, 113972	2
66	Detection of trees features from a forestry area using airborne LiDAR data. 2021 , 13, 225-236	O

65	Biological Parts for Plant Biodesign to Enhance Land-Based Carbon Dioxide Removal. 2021 , 2021, 1-22	1
64	Smart Harvest Operations and Timber Processing for Improved Forest Management. 2022 , 317-359	2
63	Dichotomous analysis of gaseous emissions as influenced by the impacts of COVID-19 in Brazil: SB Paulo and Legal Amazon. 2021 , 193, 834	О
62	Catalytic hydrotreatment of the high-boiling-point fraction of soybean straw biocrude in a mixed hydrogen donor. 2021 , 310, 122126	1
61	Dietary change in high-income nations alone can lead to substantial double climate dividend.	8
60	A global analysis of the break-even prices to reduce atmospheric carbon dioxide via forest plantation and avoided deforestation. 2022 , 135, 102666	
59	Efficiency improvement and technology choice for energy and emission reductions of the residential sector. 2022 , 243, 122994	1
58	Satisfaction of family forest landowners with forest-management services in Georgia, United States. 2022 , 7, 100179	
57	Changes in perspective needed to forge Bo-regretForest-based climate change mitigation strategies. 2022 , 14, 246-257	1
56	Assessing the potential for unaccounted emissions from bioenergy and the implications for forests: The United States and global. 2022 , 14, 322-345	O
55	Does renewable mean good for climate? Biogenic carbon in climate impact assessments of biomass utilization.	2
54	Roles and Issues of Bioenergy in a Decarbonized Energy System. 2022 , 18, 3-10	
53	Understanding the contribution of ecosystem services to urban metabolism assessments: An integrated framework. 2022 , 136, 108593	2
52	Triploid Hybrid Vigor in Above-Ground Growth and Methane Fermentation Efficiency of Energy Willow 2022 , 13, 770284	O
51	Lessons from Managing for the Extremes: A Case for Decentralized, Adaptive, Multipurpose Forest Management within an Ecological Framework. 2022 , 13, 333	
50	Towards single-atom photocatalysts for future carbon-neutral application.	3
49	Comment on Climate mitigation forestry Demporal trade-offs (12022, 17, 048001)	1
48	CO2-negative biomass conversion: An economic route with co-production of green hydrogen and highly porous carbon. 2022 , 311, 118685	1

47	The role of wood harvest from sustainably managed forests in the carbon cycle. 2022, 79,	1
46	Damming the wood falls. <i>Science Advances</i> , 2021 , 7, eabj0988	14.3 3
45	Assessing the physical potential capacity of direct air capture with integrated supply of low-carbon energy sources. 2022 , 12, 170-188	1
44	Thermochemical Conversion of Lignocellulosic Biomass into Mass-Producible Fuels: Emerging Technology Progress and Environmental Sustainability Evaluation. 2022 , 2, 98-114	O
43	Stem Radial Growth Is Negatively Related to Tree Defoliation and Damage in Conifers, Northern Italy. 2021 , 4,	0
42	A Bioeconomic Projection of Climate-induced Wildfire Risk in the Forest Sector.	
41	Estimating regional timber supply and forest carbon sequestration under shared socioeconomic pathways: A case study of Maine, USA. 2022 , 1, e0000018	0
40	One piece of the puzzle towards 100 Positive Energy Districts across Europe by 2025: An open-source approach to unveil favourable locations of PV-based PEDs across europe from a techno-economical perspective. 2022 , 124152	1
39	When burning wood to generate energy makes climate sense. 2022 , 78, 152-157	
38	Biobased plastic: A plausible solution toward carbon neutrality in plastic industry?. 2022 , 435, 129037	0
37	Efficient sugar production from plant biomass: Current status, challenges, and future directions. 2022 , 164, 112583	2
36	Metal-Free, Low-Cost, and High-Performance Membraneless Ethanol Fuel Cell.	
35	Emerging technologies for the development of wood products towards extended carbon storage and CO2 capture. 2022 , 4, 100057	1
34	Mutual SupportModern Energy Planning Inclusive of CookingA Review of Research into Action in Africa and Asia since 2018. 2022 , 15, 5805	0
33	Design of Novel Energy Harvesting Device Based on Water Flow Manipulation.	
32	Hydrogenation and hydrogenolysis of 5-hydroxymethylfurfural to 2,5-dimethylfuran via synergistic catalysis of Ni2In and acid-base sites. 2022 , 604, 154579	Ο
31	Climate-Change Mitigation in the Forest-Based Sector: A Holistic View. 2022 , 151-163	0
30	Land-use changes and ecosystem services. 2022 , 1-27	O

29	Effects of vegetation shift from needleleaf to broadleaf species on forest soil CO2 emission. 2023 , 856, 158907	1
28	Research on carbon neutrality from the past to the future: a bibliometric analysis. 1-22	1
27	Climate Smart Forestry in the Southern United States. 2022 , 13, 1460	0
26	How the future of the global forest sink depends on timber demand, forest management, and carbon policies. 2022 , 76, 102582	O
25	How diet portfolio shifts combined with land-based climate change mitigation strategies could reduce climate burdens in Germany. 2022 , 376, 134200	0
24	Climate Change Mitigation in Forestry: Paying for Carbon Stock or for Sequestration?. 2022 , 13, 1611	O
23	Risk Assessment and Analysis of Biomass Energy Engineering Project Management under the Concept of Sustainable Development. 2022 , 2022, 1-11	0
22	Metal-free, low-cost, and high-performance membraneless ethanol fuel cell. 2022 , 551, 232164	O
21	Feasibility of enhancing carbon sequestration and stock capacity in temperate and boreal European forests via changes to management regimes. 2022 , 327, 109203	3
20	Impacts of the US southeast wood pellet industry on local forest carbon stocks. 2022 , 12,	0
19	A system-wide assessment of forest biomass production, markets and carbon.	0
18	Natural resources, renewable energy, and governance: A path towards sustainable development.	O
17	Better Forests, Better Cities.	0
16	Carbon stock and sequestration as a form of payment for environmental services in a sedimentary basin humid forest refuge in brazilian semiarid. 2022 , 100796	O
15	Sustainable scale-up of negative emissions technologies and practices: where to focus.	0
14	Optimal Management Strategies to Maximize Carbon Capture in Forest Plantations: A Case Study with Pinus radiata D. Don. 2023 , 14, 82	O
13	Thermochemical conversion of large-size woody biomass for carbon neutrality: Principles, applications, and issues. 2023 , 370, 128562	0
12	Long-term effects of vegetation restoration on hydrological regulation functions and the implications to afforestation on the Loess Plateau. 2023 , 330, 109313	1

CITATION REPORT

11	Preproduction of wooden buildings makes them a promising tool for carbon sequestration.	О
10	The impact of forestation and renewable energy utilisation on environmental efficiency in Africa. 2023 , 36,	0
9	Evaluating growth-dependent enhanced carbon dioxide sequestration potential of Azolla pinnata using cattle wastes (cow dung and cow urine). 2023 , 9, e14610	Ο
8	Nature-based solutions to global environmental challenges. 2023 , 880, 163227	0
7	Toward the carbon neutrality: Forest carbon sinks and its spatial spillover effect in China. 2023 , 209, 107837	0
6	Current controversies on mechanisms controlling soil carbon storage: implications for interactions with practitioners and policy-makers. A review. 2023 , 43,	Ο
5	Economic factors influence net carbon emissions of forest bioenergy expansion. 2023, 4,	O
4	Critical Market Tipping Points for High-Grade White Oak Inventory Decline in the Central Hardwood Region of the United States.	O
3	Tree insect pests and pathogens: a global systematic review of their impacts in urban areas.	0
2	Spatiotemporal evolution of carbon balance based on the enhanced two-step floating catchment area (E2SFCA) method in the Yangtze River Economic Belt, China.	O
1	Leveraging the bioeconomy for carbon drawdown.	O