Ekundayo Shittu

List of Publications by Year
in descending order

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39 papers	766 citations	516710 16 h-index	552781 26 g-index
39 all docs	39 docs citations	39 times ranked	539 citing authors

#	Article	IF	Citations
1	Technical change and the marginal cost of abatement. Energy Economics, 2008, 30, 2799-2816.	12.1	93
2	Profit-maximizing R&D in response to a random carbon tax. Resources and Energy Economics, 2006, 28, 160-180.	2.5	70
3	Uncertainty and endogenous technical change in climate policy models. Energy Economics, 2008, 30, 2817-2828.	12.1	55
4	Investing in Renewable Energy: Reconciling Regional Policy With Renewable Energy Growth. IEEE Engineering Management Review, 2018, 46, 103-111.	1.3	55
5	Competition, Regulatory Policy, and Firmsâ€™ Resource Investments: The Case of Renewable Energy Technologies. Academy of Management Journal, 2016, 59, 678-704.	6.3	46
6	Optimal sizing of flexible nuclear hybrid energy system components considering wind volatility. Applied Energy, 2018, 212, 498-508.	10.1	35
7	Who is marginalized in energy justice? Amplifying community leader perspectives of energy transitions in Ghana. Energy Research and Social Science, 2021, 73, 101933.	6.4	32
8	Reorganizing Nigeriaâ€™s Vaccine Supply Chain Reduces Need For Additional Storage Facilities, But More Storage Is Required. Health Affairs, 2016, 35, 293-300.	5.2	29
9	Optimal Energy R&D Portfolio Investments in Response to a Carbon Tax. IEEE Transactions on Engineering Management, 2010, 57, 547-559.	3.5	28
10	Energy technology investments in competitive and regulatory environments. Environment Systems and Decisions, 2015, 35, 453-471.	3.4	23
11	Meta-analysis of the strategies for self-healing and resilience in power systems. Advances in Applied Energy, 2021, 4, 100036.	13.2	23
12	Optimal commitment strategies for distributed generation systems under regulation and multiple uncertainties. Renewable and Sustainable Energy Reviews, 2017, 80, 1597-1612.	16.4	22
13	Prescriptive measures for environmental performance: emission standards, overcompliance, and monitoring. Clean Technologies and Environmental Policy, 2015, 17, 1077-1091.	4.1	19
14	The Impact of Costliness, Competitive Importance, and Modularity of Investments on Outsourcing. Production and Operations Management, 2015, 24, 421-437.	3.8	19
15	A control model of policy uncertainty and energy R&D investments. International Journal of Global Energy Issues, 2009, 32, 307.	0.4	18
16	Envelope modeling of renewable resource variability and capacity. Computers and Operations Research, 2016, 66, 272-283.	4.0	18
17	Generation capacity expansion under demand, capacity factor and environmental policy uncertainties. Computers and Industrial Engineering, 2019, 127, 601-613.	6.3	18
18	Energy Technological Change and Capacity Under Uncertainty in Learning. IEEE Transactions on Engineering Management, 2014, 61, 406-418.	3.5	16

#	Article	IF	Citations
19	Evaluating the reliability of efficient energy technology portfolios. EURO Journal on Decision Processes, 2018, 6, 115-138.	2.7	16
20	Improving communication resilience for effective disaster relief operations. Environment Systems and Decisions, 2018, 38, 379-397.	3.4	15
21	Self-Reporting Firms: Are Emissions Truly Declining for Improved Financial Performance?. IEEE Engineering Management Review, 2020, 48, 163-170.	1.3	12
22	Evaluating scenarios of locations and capacities for vaccine storage in Nigeria. Vaccine, 2018, 36, 3505-3512.	3.8	11
23	Heterogeneities in energy technological learning: Evidence from the U.S. electricity industry. Energy Policy, 2019, 132, 1034-1049.	8.8	11
24	Uncertainty Cost of Stochastic Producers: Metrics and Impacts on Power Grid Flexibility. IEEE Transactions on Engineering Management, 2022, 69, 708-719.	3.5	11
25	Examining the Food-Energy-Water-Environment Nexus in Transboundary River Basins through a Human Dimension Lens: Columbia River Basin. Journal of Water Resources Planning and Management - ASCE, 2021, 147, .	2.6	11
26	Distilling the Interplay Between Corporate Environmental Management, Financial, and Emissions Performance: Evidence From U.S. Firms. IEEE Transactions on Engineering Management, 2022, 69, 3407-3435.	3.5	9
27	Profitable Decarbonization through E-Mobility. Energies, 2020, 13, 4042.	3.1	7
28	A Comprehensive Review of the Nexus of Food, Energy, and Water Systems: What the Models Tell Us. Journal of Water Resources Planning and Management - ASCE, 2022, 148, .	2.6	7
29	Salmon Versus Power: Dam Removal and Power Supply Adequacy. IEEE Engineering Management Review, 2021, 49, 126-133.	1.3	6
30	Accessibility in sustainability transitions: U.S. electric utilitiesâ€™ deployment of solar. Energy Policy, 2022, 165, 112942.	8.8	6
31	Examining community solar programs to understand accessibility and investment: Evidence from the U.S.. Energy Policy, 2021, 159, 112600.	8.8	5
32	The political economy of technology adoption: The case of Saharan salt mining. The Extractive Industries and Society, 2015, 2, 328-338.	1.2	4
33	Exploring the Demand-Supply Gap of Electricity in Nigeria: Locational Evaluation for Capacity Expansions. , 2019, , .		4
34	Electricity Markets and Power Supply Resilience: an Incisive Review. Current Sustainable/Renewable Energy Reports, 0, , 1.	2.6	4
35	Examining Psychosocial Factors and Community Mitigation Practices to Limit the Spread of COVID-19: Evidence from Nigeria. Healthcare (Switzerland), 2022, 10, 585.	2.0	3
36	Stochastic Dominance of Renewables to Replace Hydropower Under Policy Uncertainty. IEEE Access, 2022, 10, 45855-45869.	4.2	2

#	Article	IF	Citations
37	Market structure and the enforcement of emissions taxes. Interdisciplinary Environmental Review, 2013, 14, 269.	0.2	1
38	The correlation of cost and schedule variance in satellite programs: level of effort versus discrete cost accounts. Environment Systems and Decisions, 2021, 41, 248.	3.4	1
39	When the Wind Blows: Incumbentsâ€™ Sourcing Strategies for Wind Power. IEEE Transactions on Engineering Management, 2024, 71, 1374-1393.	3.5	1