

Parth T Vaishnav

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

561
citations

758635

12
h-index

839053

18
g-index

18
all docs

18
docs citations

18
times ranked

563
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of pickup truck electrification in the decarbonization of light-duty vehicles. Environmental Research Letters, 2022, 17, 034031.	2.2	20
2	Optimizing future cost and emissions of electric delivery vehicles. Journal of Industrial Ecology, 2022, 26, 1108-1122.	2.8	7
3	Impact of automation on long haul trucking operator-hours in the United States. Humanities and Social Sciences Communications, 2022, 9, .	1.3	8
4	Estimation of change in house sales prices in the United States after heat pump adoption. Nature Energy, 2021, 6, 30-37.	19.8	33
5	Environmental and health consequences of shore power for vessels calling at major ports in India. Environmental Research Letters, 2021, 16, 064042.	2.2	5
6	Charging Strategies to Minimize Greenhouse Gas Emissions of Electrified Delivery Vehicles. Environmental Science & Technology, 2021, 55, 10108-10120.	4.6	12
7	US residential heat pumps: the private economic potential and its emissions, health, and grid impacts. Environmental Research Letters, 2021, 16, 084024.	2.2	17
8	The Environmental Consequences of Electrifying Space Heating. Environmental Science & Technology, 2020, 54, 9814-9823.	4.6	24
9	Trade-offs between automation and light vehicle electrification. Nature Energy, 2020, 5, 543-549.	19.8	37
10	Converting existing transmission corridors to HVDC is an overlooked option for increasing transmission capacity. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 13879-13884.	3.3	24
11	Solar PV as a mitigation strategy for the US education sector. Environmental Research Letters, 2019, 14, 044004.	2.2	6
12	Technology cost drivers for a potential transition to decentralized manufacturing. Additive Manufacturing, 2019, 28, 136-151.	1.7	24
13	Decarbonizing intraregional freight systems with a focus on modal shift. Environmental Research Letters, 2018, 13, 083001.	2.2	89
14	When risks cannot be seen: Regulating uncertainty in emerging technologies. Research Policy, 2017, 46, 1215-1233.	3.3	84
15	Was it worthwhile? Where have the benefits of rooftop solar photovoltaic generation exceeded the cost?. Environmental Research Letters, 2017, 12, 094015.	2.2	45
16	Policy needed for additive manufacturing. Nature Materials, 2016, 15, 815-818.	13.3	56
17	Shore Power for Vessels Calling at U.S. Ports: Benefits and Costs. Environmental Science & Technology, 2016, 50, 1102-1110.	4.6	68