

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