

James Price

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

954
citations

840776

11
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

824
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Unextractable fossil fuels in a 1.5°C world. <i>Nature</i> , 2021, 597, 230-234. | 27.8 | 407 |
| 2 | Designing low-carbon power systems for Great Britain in 2050 that are robust to the spatiotemporal and inter-annual variability of weather. <i>Nature Energy</i> , 2018, 3, 395-403. | 39.5 | 160 |
| 3 | Achieving net-zero emissions through the reframing of UK national targets in the post-Paris Agreement era. <i>Nature Energy</i> , 2017, 2, . | 39.5 | 94 |
| 4 | Modelling to generate alternatives: A technique to explore uncertainty in energy-environment-economy models. <i>Applied Energy</i> , 2017, 195, 356-369. | 10.1 | 65 |
| 5 | Energy demand reduction options for meeting national zero-emission targets in the United Kingdom. <i>Nature Energy</i> , 2022, 7, 726-735. | 39.5 | 47 |
| 6 | An equitable redistribution of unburnable carbon. <i>Nature Communications</i> , 2020, 11, 3968. | 12.8 | 44 |
| 7 | Low carbon electricity systems for Great Britain in 2050: An energy-land-water perspective. <i>Applied Energy</i> , 2018, 228, 928-941. | 10.1 | 38 |
| 8 | The role of floating offshore wind in a renewable focused electricity system for Great Britain in 2050. <i>Energy Strategy Reviews</i> , 2018, 22, 270-278. | 7.3 | 25 |
| 9 | The direct interconnection of the UK and Nordic power market – Impact on social welfare and renewable energy integration. <i>Energy</i> , 2018, 162, 1193-1204. | 8.8 | 21 |
| 10 | The potential of marine energy technologies in the UK – Evaluation from a systems perspective. <i>Renewable Energy</i> , 2018, 115, 1281-1293. | 8.9 | 17 |
| 11 | Nationally Determined Contributions under the Paris Agreement and the costs of delayed action. <i>Climate Policy</i> , 2019, 19, 947-958. | 5.1 | 17 |
| 12 | The Implications of Landscape Visual Impact on Future Highly Renewable Power Systems: A Case Study for Great Britain. <i>IEEE Transactions on Power Systems</i> , 2022, 37, 3311-3320. | 6.5 | 12 |
| 13 | highRES-Europe: The high spatial and temporal Resolution Electricity System model for Europe. <i>SoftwareX</i> , 2022, 17, 101003. | 2.6 | 6 |