

# Jeff Je Hardy

## List of Publications by Citations

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

19 papers	1,259 citations	11 h-index	26 g-index
26 ext. papers	1,374 ext. citations	17.9 avg, IF	4.02 L-index

#	Paper	IF	Citations
19	Green chemistry and the biorefinery: a partnership for a sustainable future. <i>Green Chemistry</i> , <b>2006</b> , 8, 853	10	261
18	Chitosan-based heterogeneous catalysts for Suzuki and Heck reactions. <i>Green Chemistry</i> , <b>2004</b> , 6, 53	10	219
17	Applications of Functionalized Chitosan in Catalysis <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2005</b> , 44, 8499-8520	3.9	215
16	Starbons: new starch-derived mesoporous carbonaceous materials with tunable properties. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 3782-6	16.4	211
15	The fractionation of valuable wax products from wheat straw using CO <sub>2</sub> . <i>Green Chemistry</i> , <b>2006</b> , 8, 39-42	10	70
14	Starbons: New Starch-Derived Mesoporous Carbonaceous Materials with Tunable Properties. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 3866-3870	3.6	62
13	The use of Reichardt's dye as an indicator of surface polarity. <i>New Journal of Chemistry</i> , <b>1999</b> , 23, 725-733	3.6	53
12	Toward an integrated straw-based biorefinery. <i>Biofuels, Bioproducts and Biorefining</i> , <b>2007</b> , 1, 245-254	5.3	43
11	Delicious not siliceous: expanded carbohydrates as renewable separation media for column chromatography. <i>Chemical Communications</i> , <b>2005</b> , 2903-5	5.8	42
10	Business models and financial characteristics of community energy in the UK. <i>Nature Energy</i> , <b>2020</b> , 5, 169-177	62.3	19
9	Technology is not a Barrier: A Survey of Energy System Technologies Required for Innovative Electricity Business Models Driving the Low Carbon Energy Revolution. <i>Energies</i> , <b>2019</b> , 12, 428	3.1	11
8	Valuing energy futures; a comparative analysis of value pools across UK energy system scenarios. <i>Applied Energy</i> , <b>2017</b> , 206, 815-828	10.7	11
7	Prioritising business model innovation: What needs to change in the United Kingdom energy system to grow low carbon entrepreneurship?. <i>Energy Research and Social Science</i> , <b>2020</b> , 60, 101317	7.7	9
6	The long term future for community energy in Great Britain: A co-created vision of a thriving sector and steps towards realising it. <i>Energy Research and Social Science</i> , <b>2021</b> , 78, 102044	7.7	9
5	A Simple Assessment of Housing Retrofit Policies for the UK: What Should Succeed the Energy Company Obligation?. <i>Energies</i> , <b>2018</b> , 11, 2070	3.1	5
4	Are we seeing clearly? The need for aligned vision and supporting strategies to deliver net-zero electricity systems. <i>Energy Policy</i> , <b>2020</b> , 147, 111902	7.2	4
3	Matching consumer segments to innovative utility business models. <i>Nature Energy</i> , <b>2021</b> , 6, 349-361	62.3	1

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| 2 | Novel starch/polyalkane composite materials. <i>Chemical Communications</i> , <b>2001</b> , 335-336   | 5.8 |
| 1 | Agent-based simulation to assess the impact of electric vehicles on power networks: Swindon Borough Case Study. <i>Procedia Computer Science</i> , <b>2021</b> , 184, 668-673 | 1.6 |