

# Brajesh Kumar

## List of Publications by Year in Descending Order

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**Version:** 2024-04-29

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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.

12  
papers

93  
citations

7  
h-index

9  
g-index

14  
ext. papers

125  
ext. citations

5.4  
avg, IF

2.76  
L-index

| #  | Paper   | IF  | Citations |
|----|---|-----|-----------|
| 12 | Carbon-Based Catalysts for Biorefinery Processes: Carbon-Based Catalysts for Valorization of Glycerol Waste From Biodiesel Industry <b>2022</b> , 55-82   |     |           |
| 11 | Photocatalytic Biomass Valorization into Valuable Chemicals <b>2022</b> , 1-21  |     |           |
| 10 | Radioactive waste management <b>2022</b> , 289-301  |     | 0         |
| 9  | Production of potable water from Gomti River by using modified double slope solar still with external mounted reflectors. <i>Solar Energy</i> , <b>2020</b> , 209, 576-589  | 6.8 | 14        |
| 8  | Thermodynamic analysis of H <sub>2</sub> production by oxidative steam reforming of butanol-ethanol-water mixture recovered from Acetone:Butanol:Ethanol fermentation. <i>International Journal of Hydrogen Energy</i> , <b>2018</b> , 43, 6491-6503      | 6.7 | 8         |
| 7  | Utilization of acetone-butanol-ethanol-water mixture obtained from biomass fermentation as renewable feedstock for hydrogen production via steam reforming: Thermodynamic and energy analyses. <i>Bioresource Technology</i> , <b>2018</b> , 261, 385-393 | 11  | 16        |
| 6  | Butanol reforming: an overview on recent developments and future aspects. <i>Reviews in Chemical Engineering</i> , <b>2017</b> , 34, 1-19   | 5   | 11        |
| 5  | Comparative modeling study of catalytic membrane reactor configurations for syngas production by CO <sub>2</sub> reforming of methane. <i>Journal of CO<sub>2</sub> Utilization</i> , <b>2017</b> , 20, 336-346   | 7.6 | 11        |
| 4  | Thermodynamic and energy analysis of renewable butanol-ethanol fuel reforming for the production of hydrogen. <i>Journal of Environmental Chemical Engineering</i> , <b>2017</b> , 5, 5876-5890   | 6.8 | 14        |
| 3  | Transesterification of Castor Oil with Methanol [Kinetic Modelling. <i>Chemical Product and Process Modeling</i> , <b>2015</b> , 10, 71-80  | 1.1 | 7         |
| 2  | Modeling of a UASB Reactor by NARX Networks for Biogas Production. <i>Chemical Product and Process Modeling</i> , <b>2015</b> , 10, 113-121   | 1.1 | 4         |
| 1  | Biodegradation of dual phenolic substrates in simulated wastewater by <i>Gliomastix indicus</i> MTCC 3869. <i>Journal of Environmental Chemical Engineering</i> , <b>2013</b> , 1, 865-874  | 6.8 | 8         |