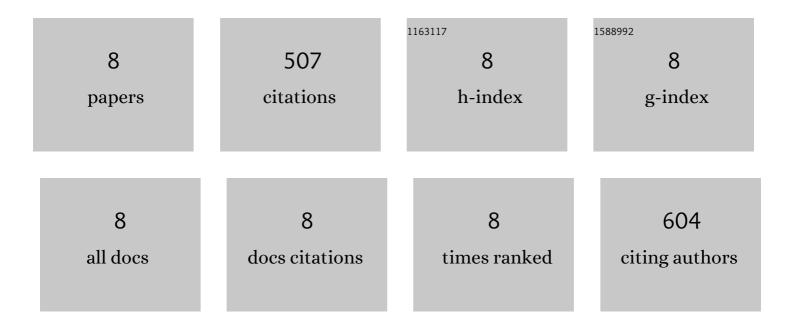
Sudipta Shaw

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|---|---|------|-----------|
| 1 | Evidence That the P _i Release Event Is the Rate-Limiting Step in the Nitrogenase Catalytic Cycle. Biochemistry, 2016, 55, 3625-3635. | 2.5 | 95 |
| 2 | Electron transfer precedes ATP hydrolysis during nitrogenase catalysis. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 16414-16419. | 7.1 | 94 |
| 3 | Mechanism of N ₂ Reduction Catalyzed by Fe-Nitrogenase Involves Reductive Elimination of H ₂ . Biochemistry, 2018, 57, 701-710. | 2.5 | 80 |
| 4 | Light-driven carbon dioxide reduction to methane by nitrogenase in a photosynthetic bacterium. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 10163-10167. | 7.1 | 74 |
| 5 | Mechanism of Nitrogenase H ₂ Formation by Metal-Hydride Protonation Probed by Mediated Electrocatalysis and H/D Isotope Effects. Journal of the American Chemical Society, 2017, 139, 13518-13524. | 13.7 | 51 |
| 6 | Negative cooperativity in the nitrogenase Fe protein electron delivery cycle. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E5783-E5791. | 7.1 | 42 |
| 7 | Fe Protein-Independent Substrate Reduction by Nitrogenase MoFe Protein Variants. Biochemistry, 2015, 54, 2456-2462. | 2.5 | 38 |
| 8 | Nitrite and Hydroxylamine as Nitrogenase Substrates: Mechanistic Implications for the Pathway of N2 Reduction. Journal of the American Chemical Society, 2014, 136, 12776-12783. | 13.7 | 33 |