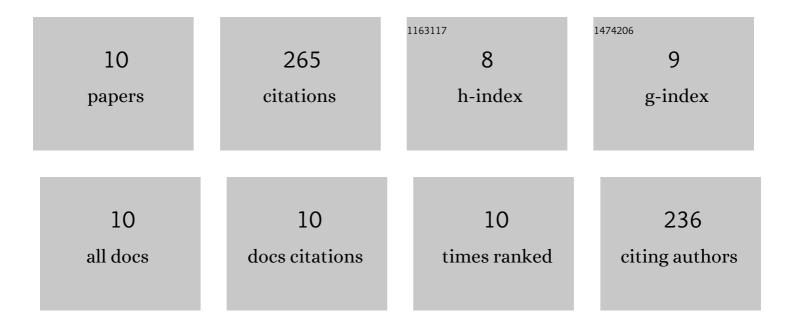
## **Richard O John**

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Contrasting Photochemical and Thermal Catalysis by Ruthenium Arsine Complexes Revealed by Parahydrogen Enhanced NMR Spectroscopy. European Journal of Inorganic Chemistry, 2022, 2022, .	2.0	2
2	Hyperpolarisation of weakly binding N-heterocycles using signal amplification by reversible exchange. Chemical Science, 2021, 12, 5910-5917.	7.4	10
3	Using coligands to gain mechanistic insight into iridium complexes hyperpolarized with <i>para</i> -hydrogen. Chemical Science, 2019, 10, 5235-5245.	7.4	20
4	In Situ SABRE Hyperpolarization with Earth's Field NMR Detection. Molecules, 2019, 24, 4126.	3.8	8
5	Mechanistic insight into novel sulfoxide containing SABRE polarisation transfer catalysts. Dalton Transactions, 2019, 48, 15198-15206.	3.3	18
6	Quantification of hyperpolarisation efficiency in SABRE and SABRE-Relay enhanced NMR spectroscopy. Physical Chemistry Chemical Physics, 2018, 20, 26362-26371.	2.8	31
7	Fine-tuning the efficiency of para-hydrogen-induced hyperpolarization by rational N-heterocyclic carbene design. Nature Communications, 2018, 9, 4251.	12.8	71
8	Using hyperpolarised NMR and DFT to rationalise the unexpected hydrogenation of quinazoline to 3,4-dihydroquinazoline. Chemical Communications, 2018, 54, 10375-10378.	4.1	10
9	Strategies for the Hyperpolarization of Acetonitrile and Related Ligands by SABRE. Journal of Physical Chemistry B, 2015, 119, 1416-1424.	2.6	87
10	Detection of Unusual Reaction Intermediates during the Conversion of W(N <sub>2</sub> ) <sub>2</sub> (dppe) <sub>2</sub> to W(H) <sub>4</sub> (dppe) <sub>2</sub> and of H <sub>2</sub> O into H <sub>2</sub> . Journal of the American Chemical Society, 2012, 134, 18257-18265.	13.7	8