

# William G Hale

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4979409/publications.pdf>

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9  
papers

335  
citations

1307594

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h-index

1474206

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g-index

9  
all docs

9  
docs citations

9  
times ranked

762  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stable solar-driven oxidation of water by semiconducting photoanodes protected by transparent catalytic nickel oxide films. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 3612-3617.	7.1	180
2	High-Resolution Nuclear Magnetic Resonance Spectroscopy with Picomole Sensitivity by Hyperpolarization on a Chip. Journal of the American Chemical Society, 2019, 141, 9955-9963.	13.7	39
3	High-resolution nuclear magnetic resonance spectroscopy in microfluidic droplets. Lab on A Chip, 2018, 18, 3018-3024.	6.0	29
4	Performance and failure modes of Si anodes patterned with thin-film Ni catalyst islands for water oxidation. Sustainable Energy and Fuels, 2018, 2, 983-998.	4.9	24
5	Time-resolved non-invasive metabolomic monitoring of a single cancer spheroid by microfluidic NMR. Scientific Reports, 2021, 11, 53.	3.3	19
6	Synergies between Hyperpolarized NMR and Microfluidics: A Review. Progress in Nuclear Magnetic Resonance Spectroscopy, 2022, 128, 44-69.	7.5	18
7	Toward Continuous-Flow Hyperpolarisation of Metabolites via Heterogenous Catalysis, Side-Arm-Hydrogenation, and Membrane Dissolution of Parahydrogen. ChemPhysChem, 2021, 22, 822-827.	2.1	15
8	Direct Production of a Hyperpolarized Metabolite on a Microfluidic Chip. Analytical Chemistry, 2022, , .	6.5	7
9	Microfluidic platform for serial mixing experiments with in operando nuclear magnetic resonance spectroscopy. Lab on A Chip, 2021, 21, 1598-1603.	6.0	4