

# Iain Wilkinson

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

283  
citations

933447

10  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

349  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative electronic structure and work-function changes of liquid water induced by solute. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 1310-1325.	2.8	12
2	Photoelectron circular dichroism in angle-resolved photoemission from liquid fenchone. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 8081-8092.	2.8	12
3	Probing aqueous ions with non-local Auger relaxation. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 8661-8671.	2.8	4
4	Probing the molecular structure of aqueous triiodide <i>via</i> X-ray photoelectron spectroscopy and correlated electron phenomena. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 15540-15555.	2.8	4
5	Accurate vertical ionization energy and work function determinations of liquid water and aqueous solutions. <i>Chemical Science</i> , 2021, 12, 10558-10582.	7.4	40
6	Low-energy constraints on photoelectron spectra measured from liquid water and aqueous solutions. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 8246-8260.	2.8	33
7	Following in Emil Fischer's Footsteps: A Site-Selective Probe of Glucose Acid-Base Chemistry. <i>Journal of Physical Chemistry A</i> , 2021, 125, 6881-6892.	2.5	7
8	A quantum molecular movie: polyad predissociation dynamics in the VUV excited $3p\pi^2$ state of $\text{NO}_2$ . <i>Faraday Discussions</i> , 2021, 228, 191-225.	3.2	2
9	The electronic structure of the aqueous permanganate ion: aqueous-phase energetics and molecular bonding studied using liquid jet photoelectron spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 20311-20330.	2.8	8
10	Ultrafast molecular frame electronic coherences from lab frame scattering anisotropies. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2020, 53, 114001.	1.5	16
11	Do water's electrons care about electrolytes?. <i>Chemical Science</i> , 2019, 10, 848-865.	7.4	31
12	Vacuum ultraviolet excited state dynamics of the smallest ring, cyclopropane. II. Time-resolved photoelectron spectroscopy and <i>ab initio</i> dynamics. <i>Journal of Chemical Physics</i> , 2018, 149, 144311.	3.0	14
13	Time-resolved multi-mass ion imaging: Femtosecond UV-VUV pump-probe spectroscopy with the PlmMS camera. <i>Journal of Chemical Physics</i> , 2017, 147, 013911.	3.0	20
14	The photodissociation of $\text{NO}_2$ by visible and ultraviolet light. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 15766.	2.8	8
15	Some remarks on the photodynamics of $\text{NO}_2$ . <i>Annual Reports on the Progress of Chemistry Section C</i> , 2010, 106, 274.	4.4	33
16	Photodissociation of $\text{NO}_2$ in the $(2)B_2$ state: The $O(D_{12})$ dissociation channel. <i>Journal of Chemical Physics</i> , 2009, 131, 054308.	3.0	16
17	Photodissociation of $\text{NO}_2$ in the $(2)B_2$ state: A slice imaging study and reinterpretation of previous results. <i>Journal of Chemical Physics</i> , 2008, 129, 154312.	3.0	23