Iain Wilkinson

List of Publications by Year
in descending order

17	283	933447 10	888059 17
papers	citations	h-index	g-index

17	17	17	349
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Accurate vertical ionization energy and work function determinations of liquid water and aqueous solutions. Chemical Science, 2021, 12, 10558-10582.	7.4	40
2	Some remarks on the photodynamics of NO2. Annual Reports on the Progress of Chemistry Section C, 2010, 106, 274.	4.4	33
3	Low-energy constraints on photoelectron spectra measured from liquid water and aqueous solutions. Physical Chemistry Chemical Physics, 2021, 23, 8246-8260.	2.8	33
4	Do water's electrons care about electrolytes?. Chemical Science, 2019, 10, 848-865.	7.4	31
5	Photodissociation of NO2 in the (2)B22 state: A slice imaging study and reinterpretation of previous results. Journal of Chemical Physics, 2008, 129, 154312.	3.0	23
6	Time-resolved multi-mass ion imaging: Femtosecond UV-VUV pump-probe spectroscopy with the PImMS camera. Journal of Chemical Physics, 2017, 147, 013911.	3.0	20
7	Photodissociation of NO2 in the (2)â€‰B22 state: The O(D12) dissociation channel. Journal of Chemical Physics, 2009, 131, 054308.	3.0	16
8	Ultrafast molecular frame electronic coherences from lab frame scattering anisotropies. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 114001.	1.5	16
9	Vacuum ultraviolet excited state dynamics of the smallest ring, cyclopropane. II. Time-resolved photoelectron spectroscopy and <i>ab initio</i> dynamics. Journal of Chemical Physics, 2018, 149, 144311.	3.0	14
10	Quantitative electronic structure and work-function changes of liquid water induced by solute. Physical Chemistry Chemical Physics, 2022, 24, 1310-1325.	2.8	12
11	Photoelectron circular dichroism in angle-resolved photoemission from liquid fenchone. Physical Chemistry Chemical Physics, 2022, 24, 8081-8092.	2.8	12
12	The photodissociation of NO2 by visible and ultraviolet light. Physical Chemistry Chemical Physics, 2010, 12, 15766.	2.8	8
13	The electronic structure of the aqueous permanganate ion: aqueous-phase energetics and molecular bonding studied using liquid jet photoelectron spectroscopy. Physical Chemistry Chemical Physics, 2020, 22, 20311-20330.	2.8	8
14	Following in Emil Fischerâ€™s Footsteps: A Site-Selective Probe of Glucose Acidâ€“Base Chemistry. Journal of Physical Chemistry A, 2021, 125, 6881-6892.	2.5	7
15	Probing aqueous ions with non-local Auger relaxation. Physical Chemistry Chemical Physics, 2022, 24, 8661-8671.	2.8	4
16	Probing the molecular structure of aqueous triiodide <i>via</i> X-ray photoelectron spectroscopy and correlated electron phenomena. Physical Chemistry Chemical Physics, 2022, 24, 15540-15555.	2.8	4
17	A quantum molecular movie: polyad predissociation dynamics in the VUV excited 3pÏƒ²Î£_u state of NO₂. Faraday Discussions, 2021, 228, 191-225.	3.2	2