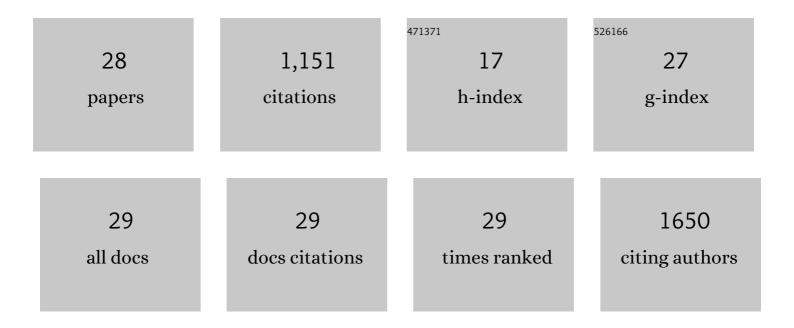
## Philip J M Johnson

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5865834/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Dynamics and mechanism of a light-driven chloride pump. Science, 2022, 375, 845-851.	6.0	43
2	Lipidic cubic phase serial femtosecond crystallography structure of a photosynthetic reaction centre. Acta Crystallographica Section D: Structural Biology, 2022, 78, 698-708.	1.1	7
3	Femtosecond X-ray spectroscopy of haem proteins. Faraday Discussions, 2021, 228, 312-328.	1.6	2
4	Enhancement and maximum in the isobaric specific-heat capacity measurements of deeply supercooled water using ultrafast calorimetry. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	42
5	The Speed of Allosteric Signaling Within a Single-Domain Protein. Journal of Physical Chemistry Letters, 2021, 12, 4262-4267.	2.1	19
6	Hard X-ray transient grating spectroscopy on bismuth germanate. Nature Photonics, 2021, 15, 499-503.	15.6	31
7	Pink-beam serial femtosecond crystallography for accurate structure-factor determination at an X-ray free-electron laser. IUCrJ, 2021, 8, 905-920.	1.0	11
8	Anomalous temperature dependence of the experimental x-ray structure factor of supercooled water. Journal of Chemical Physics, 2021, 155, 214501.	1.2	7
9	Spin cascade and doming in ferric hemes: Femtosecond X-ray absorption and X-ray emission studies. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 21914-21920.	3.3	27
10	A compact and cost-effective hard X-ray free-electron laser driven by a high-brightness and low-energy electron beam. Nature Photonics, 2020, 14, 748-754.	15.6	140
11	Femtosecond-to-millisecond structural changes in a light-driven sodium pump. Nature, 2020, 583, 314-318.	13.7	115
12	Excited-State Vibronic Dynamics of Bacteriorhodopsin from Two-Dimensional Electronic Photon Echo Spectroscopy and Multiconfigurational Quantum Chemistry. Journal of Physical Chemistry Letters, 2020, 11, 3889-3896.	2.1	16
13	Optical second harmonic generation in LiB3O5 modulated by intense femtosecond X-ray pulses. Optics Express, 2020, 28, 11117.	1.7	0
14	Azidohomoalanine: A Minimally Invasive, Versatile, and Sensitive Infrared Label in Proteins To Study Ligand Binding. Journal of Physical Chemistry B, 2018, 122, 10118-10125.	1.2	18
15	Quantifying Biomolecular Recognition with Site-Specific 2D Infrared Probes. Journal of Physical Chemistry Letters, 2017, 8, 2280-2284.	2.1	19
16	The Primary Photochemistry of Vision Occurs at the Molecular Speed Limit. Journal of Physical Chemistry B, 2017, 121, 4040-4047.	1.2	42
17	2D-IR Spectroscopy of an AHA Labeled Photoswitchable PDZ2 Domain. Journal of Physical Chemistry A, 2017, 121, 9435-9445.	1.1	18
18	Intrinsic phasing of heterodyne-detected multidimensional infrared spectra. Optics Express, 2017, 25, 2928.	1.7	8

Philip J M Johnson

#	Article	IF	CITATIONS
19	Laser-Limited Signatures of Quantum Coherence. Journal of Physical Chemistry A, 2016, 120, 3042-3048.	1.1	19
20	Fast infrared spectroscopy of protein dynamics: advancing sensitivity and selectivity. Current Opinion in Structural Biology, 2015, 34, 1-6.	2.6	40
21	Local vibrational coherences drive the primary photochemistry of vision. Nature Chemistry, 2015, 7, 980-986.	6.6	162
22	Comment on "Engineering coherence among excited states in synthetic heterodimer systems― Science, 2014, 344, 1099-1099.	6.0	10
23	Two-dimensional spectroscopy of a molecular dimer unveils the effects of vibronic coupling on exciton coherences. Nature Chemistry, 2014, 6, 196-201.	6.6	219
24	The photocycle and ultrafast vibrational dynamics of bacteriorhodopsin in lipid nanodiscs. Physical Chemistry Chemical Physics, 2014, 16, 21310-21320.	1.3	37
25	Enhanced bandwidth noncollinear optical parametric amplification with a narrowband anamorphic pump. Optics Letters, 2011, 36, 2170.	1.7	16
26	Coherent control of the isomerization of retinal in bacteriorhodopsin in the high intensity regime. Journal of Chemical Physics, 2011, 134, 085105.	1.2	46
27	Bandwidth-Enhanced Noncollinear Optical Parametric Amplification via Anamorphic Pumping. , 2010, , .		0
28	Stable UV to IR supercontinuum generation in calcium fluoride with conserved circular polarization states. Optics Express, 2009, 17, 21488.	1.7	36