

Chris Tsz-Leung Chan

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Dual Time-Scale Proton Transfer and High-Energy, Long-Lived Excitons Unveiled by Broadband Ultrafast Time-Resolved Fluorescence in Adenine-Uracil RNA Duplexes. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 302-311.	4.6	7
2	Long living excited state of protonated adenosine unveiled by ultrafast fluorescence spectroscopy and density functional theoretical study. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 6472-6480.	2.8	2
3	A long lasting sunscreen controversy of 4-aminobenzoic acid and 4-dimethylaminobenzaldehyde derivatives resolved by ultrafast spectroscopy combined with density functional theoretical study. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 8006-8020.	2.8	16
4	Real-time Monitoring Excitation Dynamics of Human Telomeric Guanine Quadruplexes: Effect of Folding Topology, Metal Cation, and Confinement by Nanocavity Water Pool. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 7577-7585.	4.6	22
5	Nonradiative dynamics determined by charge transfer induced hydrogen bonding: a combined femtosecond time-resolved fluorescence and density functional theoretical study of methyl dimethylaminobenzoate in water. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 1240-1251.	2.8	12
6	Fluorescence and Ultrafast Fluorescence Unveil the Formation, Folding Molecularity, and Excitation Dynamics of Homo-Oligomeric and Human Telomeric Motifs at Acidic and Neutral pH. <i>Chemistry - an Asian Journal</i> , 2018, 13, 3706-3717.	3.3	10
7	Photoprotection or photodamage: a direct observation of nonradiative dynamics from 2-ethylhexyl 4-dimethylaminobenzoate sunscreen agent. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 24796-24806.	2.8	5
8	Cu ₂ ZnSnS ₄ /MoS ₂ -Reduced Graphene Oxide Heterostructure: Nanoscale Interfacial Contact and Enhanced Photocatalytic Hydrogen Generation. <i>Scientific Reports</i> , 2017, 7, 39411.	3.3	53
9	Deciphering Photoluminescence Dynamics and Reactivity of the Luminescent Metal-Metal-Bonded Excited State of a Binuclear Gold(I) Phosphine Complex Containing Open Coordination Sites. <i>Chemistry - A European Journal</i> , 2015, 21, 13888-13893.	3.3	35
10	Remarkable effects of solvent and substitution on the photo-dynamics of cytosine: a femtosecond broadband time-resolved fluorescence and transient absorption study. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 19045-19057.	2.8	63
11	The solvent effect and identification of a weakly emissive state in nonradiative dynamics of guanine nucleosides and nucleotides - a combined femtosecond broadband time-resolved fluorescence and transient absorption study. <i>Photochemical and Photobiological Sciences</i> , 2013, 12, 1351-1365.	2.9	31
12	Ligand π -conjugation dictated intersystem crossing in phenyleneethynylene gold(i) complexes. <i>Chemical Science</i> , 2012, 3, 1883.	7.4	24
13	Femtosecond broadband time-resolved fluorescence and transient absorption study of the intramolecular charge transfer state of methyl 4-dimethylaminobenzoate. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 16306.	2.8	15