

# Edward M Matthews

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/45812/publications.pdf>

Version: 2024-02-01

12  
papers

271  
citations

933447

10  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

170  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experiment and theory confirm that UV laser photodissociation spectroscopy can distinguish protomers formed via electrospray. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 17434-17440.	2.8	40
2	Locating the Proton in Nicotinamide Protomers via Low-Resolution UV Action Spectroscopy of Electrosprayed Solutions. <i>Journal of Physical Chemistry A</i> , 2016, 120, 9209-9216.	2.5	30
3	Photodissociation dynamics of the iodide-uracil (I <sup>-</sup> U) complex. <i>Journal of Chemical Physics</i> , 2016, 145, 044319.	3.0	27
4	UV laser photoactivation of hexachloroplatinate bound to individual nucleobases in vacuo as molecular level probes of a model photopharmaceutical. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 15143-15152.	2.8	26
5	Photoexcitation of Adenosine 5'-Triphosphate Anions in Vacuo: Probing the Influence of Charge State on the UV Photophysics of Adenine. <i>Journal of Physical Chemistry B</i> , 2017, 121, 5553-5561.	2.6	26
6	Protomer-Dependent Electronic Spectroscopy and Photochemistry of the Model Flavin Chromophore Alloxazine. <i>Molecules</i> , 2018, 23, 2036.	3.8	24
7	Mapping the intrinsic absorption properties and photodegradation pathways of the protonated and deprotonated forms of the sunscreen oxybenzone. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 14311-14321.	2.8	24
8	Observation of Near-Threshold Resonances in the Flavin Chromophore Anions Alloxazine and Lumichrome. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 6124-6130.	4.6	23
9	Photoexcitation of iodide ion-pyrimidine clusters above the electron detachment threshold: Intracluster electron transfer versus nucleobase-centred excitations. <i>Journal of Chemical Physics</i> , 2018, 148, 084304.	3.0	22
10	Observation of Enhanced Dissociative Photochemistry in the Non-Native Nucleobase 2-Thiouracil. <i>Molecules</i> , 2020, 25, 3157.	3.8	12
11	Near-threshold electron transfer in anion-nucleobase clusters: does the identity of the anion matter?. <i>Molecular Physics</i> , 2019, 117, 3001-3010.	1.7	9
12	Photoelectron spectroscopy of hexachloroplatinate-nucleobase complexes: Nucleobase excited state decay observed via delayed electron emission. <i>Journal of Chemical Physics</i> , 2015, 143, 184307.	3.0	8