

# Masayasu Muramatsu

## List of Publications by Year in descending order

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18  
papers

277  
citations

1163117

8  
h-index

888059

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

435  
citing authors

#	ARTICLE	IF	CITATIONS
1	Constraint-induced structural deformation of planarized triphenylboranes in the excited state. <i>Chemical Science</i> , 2014, 5, 1296-1304.	7.4	54
2	Photoinduced electron transfer in tris(2,2'-bipyridine)ruthenium(ii)-viologen dyads with peptide backbones leading to long-lived charge separation and hydrogen evolution. <i>Dalton Transactions</i> , 2010, 39, 4421.	3.3	40
3	Ultrafast Solvation Dynamics in Room Temperature Ionic Liquids Observed by Three-Pulse Photon Echo Peak Shift Measurements. <i>Journal of Physical Chemistry A</i> , 2011, 115, 3886-3894.	2.5	38
4	Mechanistic studies of photoinduced intramolecular and intermolecular electron transfer processes in RuPt-centred photo-hydrogen-evolving molecular devices. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 1607-1616.	2.8	38
5	Dynamic Stokes Shift of 9,9'-Bianthryl in Ionic Liquids: A Temperature Dependence Study. <i>Journal of Physical Chemistry C</i> , 2009, 113, 11868-11876.	3.1	33
6	Coherent wavepacket motion in an ultrafast electron transfer system monitored by femtosecond degenerate four-wave-mixing and pump-probe spectroscopy. <i>Chemical Physics</i> , 2014, 442, 68-76.	1.9	10
7	Sub-100 fs Charge Separation and Subsequent Diffusive Solvation Observed for Asymmetric Bianthryl Derivative in Ionic Liquid. <i>Journal of Physical Chemistry C</i> , 2016, 120, 14502-14512.	3.1	9
8	Picosecond Motional Relaxation of Nanoparticles in Femtosecond Laser Trapping. <i>Journal of Physical Chemistry C</i> , 2016, 120, 5251-5256.	3.1	9
9	Effect of ultrafast electron transfer on photon echo signal: Decoherence process in electron-donating solvents. <i>Chemical Physics Letters</i> , 2009, 482, 263-268.	2.6	8
10	Photoinduced charge-transfer dynamics of sequentially aligned donor-acceptor systems in an ionic liquid. <i>Photochemical and Photobiological Sciences</i> , 2013, 12, 1885-1894.	2.9	8
11	Femtosecond degenerate four-wave-mixing measurements of coherent intramolecular vibrations in an ultrafast electron transfer system. <i>Vibrational Spectroscopy</i> , 2014, 70, 58-62.	2.2	8
12	The Effect of Pre-solvation in the Ground State on Photoinduced Electron Transfer in Ionic Liquids. <i>Journal of Solution Chemistry</i> , 2014, 43, 1550-1560.	1.2	5
13	Vibrational decoherence induced by ultrafast intramolecular charge separation of an asymmetric bianthryl derivative. <i>Journal of Chemical Physics</i> , 2020, 153, 084307.	3.0	5
14	Noncontact detection of concrete flaws by neural network classification of laser doppler vibrometer signals. <i>Engineering Research Express</i> , 2020, 2, 025017.	1.6	5
15	Improvement in Photostability of Fluorescein by Lanthanide Ions Based on Energy Transfer-based Triplet State Quenching. <i>Chemistry Letters</i> , 2019, 48, 1181-1184.	1.3	3
16	Enhancement of vibrational coherence by femtosecond degenerate four-wave-mixing for a chromophore in 1-propanol glass. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1436-1440.	2.9	2
17	Two-photon actuation of crosslinked liquid-crystalline polymers utilizing energy transfer system. <i>Molecular Crystals and Liquid Crystals</i> , 2018, 662, 53-60.	0.9	2
18	PHOTOEXCITED ULTRAFAST ELECTRON TRANSFER AND MOLECULAR DYNAMICS IN CONDENSED PHASE. <i>Advances in Multi-photon Processes and Spectroscopy</i> , 2011, , 211-246.	0.6	0