Michihiro Hara

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8381952/publications.pdf

Version: 2024-02-01

46 papers	729 citations	516710 16 h-index	580821 25 g-index
46 all docs	46 docs citations	46 times ranked	644 citing authors

#	Article	IF	Citations
1	On the Electronic Character of Localized Singlet 2,2-Dimethoxycyclopentane-1,3-diyl Diradicals:Â Substituent Effects on the Lifetime. Journal of the American Chemical Society, 2002, 124, 6540-6541.	13.7	58
2	Regulation of One-Electron Oxidation Rate of Guanine by Base Pairing with Cytosine Derivatives. Journal of the American Chemical Society, 2002, 124, 3586-3590.	13.7	52
3	Transient Absorption Spectra and Lifetimes of Benzophenone Ketyl Radicals in the Excited State. Journal of Physical Chemistry A, 2004, 108, 8147-8150.	2.5	45
4	Fast Exciton Migration in Porphyrin-Functionalized Polypeptides. Journal of Physical Chemistry B, 2005, 109, 33-35.	2.6	38
5	Formation and decay of pyrene radical cation and pyrene dimer radical cation in the absence and presence of cyclodextrins during resonant two-photon ionization of pyrene and sodium 1-pyrene sulfonate. Physical Chemistry Chemical Physics, 2004, 6, 3215-3220.	2.8	31
6	Intermolecular Electron Transfer from Naphthalene Derivatives in the Higher Triplet Excited States. Journal of the American Chemical Society, 2004, 126, 9709-9714.	13.7	30
7	Benzophenones in the higher triplet excited statesThis paper is dedicated to Professor Fred Lewis on the event of his 60th birthday.. Photochemical and Photobiological Sciences, 2003, 2, 1209.	2.9	28
8	Effects of Benzyl Ether Type Dendrons as Hole-Harvesting Antennas, and Shielding for the Neutralization of Stilbene Core Radical Cations with Chloride Ion during Two-Photon Ionization of Stilbene Dendrimers Having Stilbene Core and Benzyl Ether Type Dendrons. Journal of the American Chemical Society, 2004, 126, 14217-14223.	13.7	26
9	Anomalous Fluorescence from the Azaxanthone Ketyl Radical in the Excited State. Journal of the American Chemical Society, 2005, 127, 3702-3703.	13.7	23
10	Properties of chrysene in the higher triplet excited state. Chemical Physics Letters, 2003, 368, 365-369.	2.6	21
11	Formation efficiency of radical cations of stilbene and methoxy-substituted stilbenes during resonant two-photon ionization with a XeCl excimer laser. Journal of Photochemistry and Photobiology A: Chemistry, 2004, 162, 121-128.	3.9	21
12	Stepwise Photocleavage of Two Câ^'O Bonds of 1,8-Bis[(4-benzoylphenoxy)-methyl]naphthalene with Three-Step Excitation Using Three-Color, Three-Laser Flash Photolysis. Journal of the American Chemical Society, 2004, 126, 7432-7433.	13.7	21
13	Formation of Highly Stabilized Intramolecular Dimer Radical Cation and Ï€-Complex of [3n]Cyclophanes (n= 3, 5, 6) during Pulse Radiolysis. Journal of Physical Chemistry A, 2005, 109, 3531-3534.	2.5	21
14	Significant Effects of Substituents on Substituted Naphthalenes in the Higher Triplet Excited State. Journal of Physical Chemistry A, 2005, 109, 4657-4661.	2.5	21
15	Stepwise Photocleavage of Câ^'O Bonds of Bis(substituted-methyl)naphthalenes with Stepwise Excitation by Two-Color Two-Laser and Three-Color Three-Laser Irradiations. Journal of Physical Chemistry A, 2005, 109, 3797-3802.	2.5	18
16	Important factors for the formation of radical cation of stilbene and substituted stilbenes during resonant two-photon ionization with a 266- or 355-nm laser. Journal of Photochemistry and Photobiology A: Chemistry, 2006, 179, 115-124.	3.9	17
17	Transient Phenomena of Polyphenyls in the Higher Triplet Excited State. Journal of Physical Chemistry A, 2004, 108, 9361-9364.	2.5	16
18	Efficient Emission from Charge Recombination during the Pulse Radiolysis of Electrochemical Luminescent Substituted Quinolines with Donorâ^'Acceptor Character. Journal of Physical Chemistry B, 2005, 109, 11735-11742.	2.6	16

#	Article	IF	Citations
19	Importance of Properties of the Lowest and Higher Singlet Excited States on the Resonant Two-Photon Ionization of Stilbene and Substituted Stilbenes Using Two-Color Two-Lasers. Journal of Physical Chemistry A, 2005, 109, 9831-9835.	2.5	16
20	Effect of Oxygen on the Formation and Decay of Stilbene Radical Cation during the Resonant Two-Photon Ionization. Journal of Organic Chemistry, 2005, 70, 4370-4374.	3.2	16
21	Homolytic cleavage of Câ€“Si bond of p-trimethylsilylmethylacetophenone upon stepwise two-photon excitation using two-color two-laser flash photolysis. Chemical Physics Letters, 2005, 407, 402-406.	2.6	15
22	Three-Color Three-Laser Photochemistry of Di(p-methoxyphenyl)methyl Chloride. Journal of Physical Chemistry A, 2003, 107, 4778-4783.	2.5	13
23	First Direct Observation of the Higher Triplet Excited States of Substituted Oligothiophenes by Two-Color Two-Laser Flash Photolysis. ChemPhysChem, 2004, 5, 1240-1242.	2.1	13
24	Remarkable Reactivities of the Xanthone Ketyl Radical in the Excited State Compared with That in the Ground State. Journal of Physical Chemistry A, 2005, 109, 2452-2458.	2.5	13
25	Dihydrophenanthrene-Type Intermediates during Photoreaction of trans-4â€˜-Benzyl-5-styrylfuran. Journal of Organic Chemistry, 2005, 70, 2708-2712.	3.2	13
26	Higher Triplet Excited States of Oligo(p-phenylenevinylene)s. Journal of Physical Chemistry B, 2004, 108, 16727-16731.	2.6	12
27	Rate Constant of Bimolecular Triplet Energy Transfer from Chrysene in the Higher Triplet Excited States. Journal of Physical Chemistry A, 2004, 108, 7147-7150.	2.5	12
28	Quenching processes of aromatic hydrocarbons in the higher triplet excited states-energy transfer vs. electron transferElectronic supplementary information (ESI) available: The quenching of DBA(Tn) by CCl4, CHR(Tn) by NAP, the evidences of no DBA and CHR ions produced during two-color two-laser flash photolysis, and the evidence of formation of benzene/Cl complex. See http://www.rsc.org/suppdata/cp/b4/b400128a/. Physical Chemistry Chemical Physics, 2004, 6, 1735.	2.8	12
29	Sensitized reactions by benzophenones in the higher triplet excited state. Chemical Physics Letters, 2003, 371, 68-73.	2.6	11
30	Competitive Marcus-Type Electron Transfer and Energy Transfer from the Higher Triplet Excited State. Journal of Physical Chemistry A, 2004, 108, 10941-10948.	2.5	10
31	Fabrication of a dye-sensitized solar cell containing a noncarboxylated spiropyran-derived photomerocyanine with cyclodextrin. Journal of Photochemistry and Photobiology A: Chemistry, 2017, 333, 87-91.	3.9	9
32	Inhibition of the Formation and Decay of Stilbene Core Radical Cations by the Dendron during the Photoinduced Electron Transfer. Journal of Physical Chemistry B, 2005, 109, 973-976.	2.6	8
33	Photophysical Properties of Oligo(2,3-Thienyleneethynylene)s. Journal of Physical Chemistry B, 2005, 109, 10695-10698.	2.6	7
34	Improvement of photoionization efficiency of diarylethene-cyclodextrin complexes by using multi-laser pulse excitation. Journal of Photochemistry and Photobiology A: Chemistry, 2017, 344, 28-35.	3.9	6
35	Inhibition of one-electron oxidation of 1-pyrenesulfonate included in cyclodextrin by sulfate radical anion. Chemical Physics Letters, 2004, 387, 283-286.	2.6	5
36	Relationship between formation yield of radical cation and laser intensity during resonant two-photon ionization of stilbene and methoxyl-substituted stilbenes using a 25-ns XeCl excimer laser. Chemical Physics Letters, 2004, 393, 338-342.	2.6	5

#	Article	IF	Citations
37	Resonance photoionization of a diarylethene derivative in the presence of cyclodextrins using multi-color multi-laser irradiation. Journal of Photochemistry and Photobiology A: Chemistry, 2015, 310, 180-188.	3.9	5
38	Some triplet energy-transfer reactions initiated by photoexcitation of triplet excited state of dibenz[a,h]anthracene to the higher triplet excited states. Tetrahedron Letters, 2003, 44, 6117-6120.	1.4	4
39	Photochemistry of halogenated anilines studied by time-variation of microwave dielectric absorption. Journal of Photochemistry and Photobiology A: Chemistry, 2004, 163, 153-158.	3.9	4
40	Resonance Two-Photon Ionization of Diarylethene in the Presence of Cyclodextrin. International Journal of Photoenergy, 2013, 2013, 1-6.	2.5	4
41	Application of a Noncarboxylated Dye Compound in a Dye-Sensitized Solar Cell Containing a Cyclodextrin Layer. International Journal of Photoenergy, 2015, 2015, 1-6.	2.5	4
42	Photoionization and trans-to-cis isomerization of Î²-cyclodextrin-encapsulated azobenzene induced by two-color two-laser-pulse excitation. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 193, 475-479.	3.9	4
43	Resonant two-photon ionization of aromatic hydrocarbons included in cyclodextrins. Journal of Photochemistry and Photobiology A: Chemistry, 2016, 321, 128-136.	3.9	3
44	Lightâ€Driven Proton Release of Spirobenzopyranâ€Derived Protonated Photomerocyanine in Cyclodextrin Aqueous Solution. ChemistrySelect, 2017, 2, 11288-11292.	1.5	1
45	Effect of cyclodextrin cavity size on the photovoltaic performance of unanchored ruthenium(II) polypyridine complex-containing dye-sensitized solar cells. Journal of Photonics for Energy, 2020, 10, .	1.3	1
46	Fabrication and Characterisation of Organic EL Devices in the Presence of Cyclodextrin as an Interlayer. Sensors, 2021, 21, 3666.	3.8	0