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	Fabrication and Characterisation of Organic EL Devices in the Presence of Cyclodextrin as an Interlayer. Sensors, 2021, 21, 3666.	3.8	0
2	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
3	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
4	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
5	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
6	Lightâ€Driven Proton Release of Spirobenzopyranâ€Derived Protonated Photomerocyanine in Cyclodextrin Aqueous Solution. ChemistrySelect, 2017, 2, 11288-11292.	1.5	1
7	Resonant two-photon ionization of aromatic hydrocarbons included in cyclodextrins. Journal of Photochemistry and Photobiology A: Chemistry, 2016, 321, 128-136.	3.9	3
8	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
9	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
10	Resonance Two-Photon Ionization of Diarylethene in the Presence of Cyclodextrin. International Journal of Photoenergy, 2013, 2013, 1-6.	2.5	4
11	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
12	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
13	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
14	Photophysical Properties of Oligo(2,3-Thienyleneethynylene)s. Journal of Physical Chemistry B, 2005, 109, 10695-10698.	2.6	7
15	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
16	Dihydrophenanthrene-Type Intermediates during Photoreaction of trans-4â€˜-Benzyl-5-styrylfuran. Journal of Organic Chemistry, 2005, 70, 2708-2712.	3.2	13
17	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
18	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

#	Article	IF	Citations
19	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
20	Fast Exciton Migration in Porphyrin-Functionalized Polypeptides. Journal of Physical Chemistry B, 2005, 109, 33-35.	2.6	38
21	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
22	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
23	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
24	Anomalous Fluorescence from the Azaxanthone Ketyl Radical in the Excited State. Journal of the American Chemical Society, 2005, 127, 3702-3703.	13.7	23
25	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
26	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
27	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
28	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
29	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
30	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
31	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
32	Higher Triplet Excited States of Oligo(p-phenylenevinylene)s. Journal of Physical Chemistry B, 2004, 108, 16727-16731.	2.6	12
33	Transient Phenomena of Polyphenyls in the Higher Triplet Excited State. Journal of Physical Chemistry A, 2004, 108, 9361-9364.	2.5	16
34	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
35	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
36	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

#	Article	IF	Citations
37	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
38	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
39	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
40	Properties of chrysene in the higher triplet excited state. Chemical Physics Letters, 2003, 368, 365-369.	2.6	21
41	Sensitized reactions by benzophenones in the higher triplet excited state. Chemical Physics Letters, 2003, 371, 68-73.	2.6	11
42	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
43	Three-Color Three-Laser Photochemistry of Di(p-methoxyphenyl)methyl Chloride. Journal of Physical Chemistry A, 2003, 107, 4778-4783.	2.5	13
44	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
45	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
46	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