

Azusa Kikuchi

List of Publications by Year in descending order

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37
papers

777
citations

471509

17
h-index

526287

27
g-index

37
all docs

37
docs citations

37
times ranked

645
citing authors

#	ARTICLE	IF	CITATIONS
1	Suppression of menthyl anthranilate (UV-A sunscreen)-sensitized singlet oxygen generation by Trolox and , Î±-tocopherol. Photochemical and Photobiological Sciences, 2020, 19, 913-919.	2.9	7
2	Short-lived and Nonphosphorescent Triplet state of Mexoryl SX, a UV-A Sunscreen. Applied Magnetic Resonance, 2020, 51, 567-580.	1.2	2
3	A novel characteristic of salicylate UV absorbers: suppression of diethylhexyl 2,6-naphthalate (Corapan TQ)-photosensitized singlet oxygen generation. Photochemical and Photobiological Sciences, 2019, 18, 1556-1564.	2.9	5
4	Suppression of riboflavin-sensitized singlet oxygen generation by l-ascorbic acid, 3-O-ethyl-l-ascorbic acid and Trolox. Journal of Photochemistry and Photobiology B: Biology, 2019, 191, 116-122.	3.8	20
5	Photophysical properties of diethylhexyl 2,6-naphthalate (Corapan TQ), a photostabilizer for sunscreens. Photochemical and Photobiological Sciences, 2018, 17, 1206-1212.	2.9	5
6	Tripletâ€“triplet energy transfer between UV absorbers in solutions at room temperature. Journal of Photochemistry and Photobiology A: Chemistry, 2017, 346, 396-400.	3.9	15
7	Photophysical properties of hexyl diethylaminohydroxybenzoylbenzoate (Uvinul A Plus), a UV-A absorber. Photochemical and Photobiological Sciences, 2017, 16, 1449-1457.	2.9	11
8	Photoexcited triplet states of UV-B absorbers: ethylhexyl triazone and diethylhexylbutamido triazone. Photochemical and Photobiological Sciences, 2015, 14, 807-814.	2.9	15
9	Optical and electron paramagnetic resonance studies of the excited triplet states of UV-B absorbers: 2-ethylhexyl salicylate and homomenthyl salicylate. Photochemical and Photobiological Sciences, 2015, 14, 1651-1659.	2.9	17
10	Energy-donor phosphorescence quenching study of tripletâ€“triplet energy transfer between UV absorbers. Journal of Luminescence, 2015, 166, 203-208.	3.1	9
11	Tripletâ€“Triplet Energy Transfer from a <sc>UV</sc>â€“A Absorber Butylmethoxydibenzoylmethane to <sc>UV</sc>â€“B Absorbers. Photochemistry and Photobiology, 2014, 90, 511-516.	2.5	15
12	Photoexcited States of <sc>UV</sc> Absorbers, Benzophenone Derivatives. Photochemistry and Photobiology, 2014, 90, 727-733.	2.5	27
13	Photoexcited Singlet and Triplet States of a <sc>UV</sc> Absorber Ethylhexyl Methoxycrylene. Photochemistry and Photobiology, 2013, 89, 523-528.	2.5	20
14	Optical and Time-Resolved Electron Paramagnetic Resonance Studies of the Excited States of a UV-B Absorber (4-Methylbenzylidene)camphor. Journal of Physical Chemistry A, 2013, 117, 1413-1419.	2.5	20
15	Excited states of menthyl anthranilate: a UV-A absorber. Photochemical and Photobiological Sciences, 2013, 12, 246-253.	2.9	23
16	Photophysical properties of dioctyl 4-methoxybenzylidenemalonate: UV-B absorber. Photochemical and Photobiological Sciences, 2012, 11, 1528.	2.9	17
17	Photoexcited triplet states of new UV absorbers, cinnamic acid 2-methylphenyl esters. Photochemical and Photobiological Sciences, 2011, 10, 1902-1909.	2.9	15
18	Direct observation of the intermolecular tripletâ€“triplet energy transfer from UV-A absorber 4-tert-butyl-4â€“methoxydibenzoylmethane to UV-B absorber octyl methoxycinnamate. Chemical Physics Letters, 2011, 513, 63-66.	2.6	25

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19	Excited Triplet State of a UV-B Absorber, Octyl Methoxycinnamate. <i>Chemistry Letters</i> , 2010, 39, 633-635.	1.3	20
20	Photoinduced diffusive mass transfer in o-Cl-HABI amorphous thin films. <i>Chemical Communications</i> , 2010, 46, 2262.	4.1	27
21	Optical and Electron Paramagnetic Resonance Studies of the Excited States of 4- <i>tert</i> -Butyl-4- ϵ^2 -Methoxydibenzoylmethane and 4- <i>tert</i> -Butyl-4- ϵ^2 -Methoxydibenzoylpropane. <i>Journal of Physical Chemistry A</i> , 2009, 113, 13492-13497.	2.5	25
22	The phosphorescent triplet states of aza-aromatics and their protonated cations in rigid solutions of ethanol and 1-butyl-3-methylimidazolium hexafluorophosphate. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2009, 203, 18-23.	3.9	4
23	Ultrafast Photodissociation Dynamics of a Hexaarylbiimidazole Derivative with Pyrenyl Groups: Dispersive Reaction from Femtosecond to 10 ns Time Regions. <i>Journal of the American Chemical Society</i> , 2009, 131, 7256-7263.	13.7	81
24	Luminescence and Electron Paramagnetic Resonance Studies of the Excited States of a UV Absorber, 2-Methylphenyl 2-Naphthoate. <i>Chemistry Letters</i> , 2009, 38, 770-771.	1.3	5
25	Direct measurements of absolute concentration and lifetime of singlet oxygen in the gas phase by electron paramagnetic resonance. <i>Chemical Physics Letters</i> , 2008, 457, 312-314.	2.6	28
26	Ultrafast laser photolysis study on photodissociation dynamics of a hexaarylbiimidazole derivative. <i>Chemical Physics Letters</i> , 2007, 448, 228-231.	2.6	39
27	Crystal Structure of Light-induced Colored Species from Photochromic Dimer of 1,4-Bis(imidazolyl)tetrafluorobenzene. <i>Chemistry Letters</i> , 2005, 34, 1552-1553.	1.3	11
28	Molecular alignment and thermal stability of liquid-crystalline phases in binary mixtures of electron donor and acceptor. <i>Journal of Molecular Structure</i> , 2005, 735-736, 375-382.	3.6	7
29	Photochromism of a novel hexaarylbiimidazole derivative having azobenzene moieties. <i>Chemical Physics Letters</i> , 2005, 402, 107-110.	2.6	13
30	Vibrational Coherence of Bis-imidazole Derivative, BDPI-2Y, Observed by Ultrafast Spectroscopy. <i>Molecular Crystals and Liquid Crystals</i> , 2005, 431, 377-382.	0.9	2
31	A New Family of π -Conjugated Delocalized Biradicals: π Electronic Structures of 1,4-Bis(2,5-diphenylimidazol-4-ylidene)cyclohexa-2,5-diene. <i>Journal of Physical Chemistry B</i> , 2005, 109, 19448-19453.	2.6	41
32	Synthesis and Photochemical Properties of a Photochromic Iron(II) Complex of Hexaarylbiimidazole. <i>Journal of Physical Chemistry A</i> , 2005, 109, 10183-10188.	2.5	23
33	Definitive Evidence for the Contribution of Biradical Character in a Closed-Shell Molecule, Derivative of 1,4-Bis-(4,5-diphenylimidazol-2-ylidene)cyclohexa-2,5-diene. <i>Journal of the American Chemical Society</i> , 2004, 126, 6526-6527.	13.7	99
34	Synthesis of Four- and Five-Membered Heterocycles Derived from an Iminophosphorane. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2002, 177, 1685-1687.	1.6	8
35	Electronic structure of light-induced lophyl radical derived from a novel hexaarylbiimidazole with π -conjugated chromophore. <i>Chemical Communications</i> , 2002, , 1484-1485.	4.1	35
36	The first isolable pentacoordinate 1,2 lambda 5-azaphosphetene: synthesis, X-ray crystallographic analysis, and dynamic behaviour. <i>Chemical Communications</i> , 2001, , 2096-2097.	4.1	33

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37	Formation and x-ray crystallographic analysis of a 1,2,5-oxaphosphol-5(2H)-one. Heteroatom Chemistry, 2001, 12, 282-286.	0.7	8