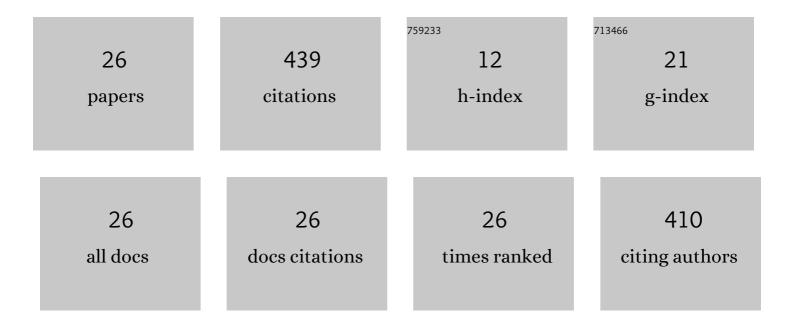
Akio Kawai

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6130070/publications.pdf Version: 2024-02-01



Δκιο Κλιλλι

#	Article	IF	CITATIONS
1	O2 solvation cavity in voids of ionic liquids studied by the solvatochromic red-shift of O2(1Δg) phosphorescence. Journal of Chemical Physics, 2021, 155, 234503.	3.0	0
2	Photooxidation Reactions of Cyclometalated Palladium(II) and Platinum(II) Complexes. Inorganic Chemistry, 2019, 58, 15720-15725.	4.0	13
3	Solvation and Rotational Diffusion of Solutes in Room Temperature Ionic Liquids as Studied by EPR Spectroscopy with Nitroxide Spin Probing Method. Applied Magnetic Resonance, 2018, 49, 825-835.	1.2	3
4	Measurements for Addition Reaction Rate Constants of Organic Free Radicals to Maleic Anhydride by Means of Pulsed EPR Spectroscopy with Laser Excitation. Applied Magnetic Resonance, 2018, 49, 813-824.	1.2	1
5	Foreign gas effect on the <mml:math <br="" xmlns:mml="http://www.w3.org/1998/Math/Math/MathML">altimg="si1.gif" overflow="scroll"><mml:mrow><mml:msup><mml:mrow><mml:mi>b</mml:mi></mml:mrow><mm mathvariant="normal">1£</mm </mml:msup></mml:mrow><mml:mrow><mml:mrow><mml:mtext>g</mml:mtext></mml:mrow><mr< td=""><td>ml:mans>1<) nl:mrow><</td><td>/mml:mn>mml:mo>+</td></mr<></mml:mrow></mml:math>	ml:mans>1<) nl:mrow><	/m ml: mn>mml:mo>+
6	Chemical Physics Letters, 2018, 706, 715721. Monitoring Isomerization of Molecules in Solution Using Ion Mobility Mass Spectrometry. Analytical Chemistry, 2016, 88, 11978-11981.	6.5	24
7	Pulsed EPR measurements on reaction rate constants for addition of photo-generated radicals to double bonds of diethyl fumarate and diethyl maleate. Molecular Physics, 2016, 114, 3093-3103.	1.7	5
8	Rate constant measurements for initial addition reactions of radicals at the propagation step of photo-polymerization as studied by pulsed EPR spectroscopy. Journal of Physical Organic Chemistry, 2016, 29, 468-475.	1.9	3
9	Addition Rate Constants of Phosphorus- and Carbon-Centered Radicals to Double Bond of Monomers as Studied by a Pulsed Electron Paramagnetic Resonance Method Journal of Physical Chemistry A, 2015, 119, 8261-8268.	2.5	11
10	Temporal Behavior of the Singlet Molecular Oxygen Emission in Imidazolium and Morpholinium Ionic Liquids and Its Implications. Journal of Physical Chemistry B, 2015, 119, 6696-6702.	2.6	12
11	Pulsed EPR study on large dynamic electron polarisation created in the quenching of photo-excited xanthene dyes by nitroxide radicals in aqueous solutions. Molecular Physics, 2014, 112, 1012-1020.	1.7	16
12	Structure and Reactivity of Radicals Produced by Photocleavage of Oxime Ester Compounds Studied by Time-resolved Electron Paramagnetic Resonance Spectroscopy. Chemistry Letters, 2014, 43, 1275-1277.	1.3	27
13	Solvent-dependent Photoisomerization Quantum Yield of 2-Phenylazo-1-alkyl-3-methylimidazolium Cations in Ionic Liquids under S1(n, π*) Excitation. Chemistry Letters, 2013, 42, 1490-1492.	1.3	9
14	Solute Size-dependent Rotational Diffusion of Nitroxide Radicals in Ionic Liquids as Studied by EPR Spectroscopy. Chemistry Letters, 2013, 42, 1429-1431.	1.3	7
15	Red-light-induced Photoreaction of DMS–O3 Complex in a Cryogenic Neon Matrix. Chemistry Letters, 2012, 41, 252-253.	1.3	7
16	Hydrodynamic Interpretation on the Rotational Diffusion of Peroxylamine Disulfonate Solute Dissolved in Room Temperature Ionic Liquids As Studied by Electron Paramagnetic Resonance Spectroscopy. Journal of Physical Chemistry A, 2011, 115, 6347-6356.	2.5	22
17	CIDEP Created by the Quenching of Photo-Excited Tryptophan at Protein Surface: A Challenge to CIDEP Probing of Protein Structural Changes. Applied Magnetic Resonance, 2010, 38, 205-216.	1.2	6
18	EPR Study of Rotational Diffusion in Viscous Ionic Liquids: Analysis by a Fractional Stokes–Einstein–Debye Law. Chemistry Letters, 2009, 38, 124-125.	1.3	32

Ακίο Kawai

#	Article	IF	CITATIONS
19	Charge-Transfer Controlled Exchange Interaction in Radical-Triplet Encounter Pairs as Studied by FT-EPR Spectroscopy. Journal of Physical Chemistry A, 2007, 111, 4890-4901.	2.5	15
20	Electron spin dynamics of triplet and doublet molecules in room temperature ionic liquids studied by a time-resolved EPR method. Molecular Physics, 2006, 104, 1573-1579.	1.7	18
21	Quenching Mechanism of Excited Coronene by a Nitroxide Radical Studied by Probing Dynamic Electron Polarization. Journal of Physical Chemistry A, 2004, 108, 524-531.	2.5	16
22	Polarity of Room-Temperature Ionic Liquid as Examined by EPR Spectroscopy. Chemistry Letters, 2004, 33, 1464-1465.	1.3	78
23	Dispersed fluorescence spectra of jet-cooled benzophenone ketyl radical: Assignment of the low-frequency vibrational modes. Physical Chemistry Chemical Physics, 2003, 5, 1370-1375.	2.8	8
24	Time resolved ESR study on energy difference of quartet and doublet states in radical-triplet encounter pairs. Molecular Physics, 2002, 100, 1225-1234.	1.7	14
25	Exchange Interaction in Radicalâ ``Triplet Pairs:Â Evidences for CIDEP Generation by Level Crossings in Tripletâ ``Doublet Interactions. Journal of Physical Chemistry A, 1998, 102, 5160-5170.	2.5	81
26	Time-Resolved ESR Studies on Ketyl Type Radicalâ^'Amine Complexes. The Journal of Physical Chemistry, 1996, 100, 10021-10026.	2.9	10