Akilliko Tsuda

List of Publications by Year
in descending order

78 papers	4,115 citations	172207 29 h-index	114278 63 g-index
97 all docs	97 docs citations	97 times ranked	3299 citing authors

#	Article	IF	Citations
1	Photo-on-Demand Phosgenation Reactions with Chloroform for Selective Syntheses of N-Substituted Ureas and Isocyanates. ACS Omega, 2022, 7, 5584-5594.	1.6	10
2	Photo-on-demand Phosgenation Reactions with Chloroform Triggered by Cl₂ upon Irradiation with Visible Light: Syntheses of Chloroformates, Carbonate Esters, and Isocyanates. Chemistry Letters, 2022, 51, 549-551.	0.7	7
3	Direct Syntheses of Diphenylmethanol Derivatives from Substituted Benzenes and CHCl ₃ through Friedelâ€Crafts Alkylation and Postâ€Synthetic Hydrolysis or Alcoholysis Catalyzed by Alumina. ChemistryOpen, 2022, 11, e202200042.	0.9	2
4	Editorial: Supramolecular Chirogenesis in Chemical and Related Sciences. Frontiers in Chemistry, 2021, 9, 679332.	1.8	3
5	Photo-on-Demand Synthesis of Vilsmeier Reagents with Chloroform and Their Applications to One-Pot Organic Syntheses. Journal of Organic Chemistry, 2021, 86, 6504-6517.	1.7	18
6	Photo-on-Demand Base-Catalyzed Phosgenation Reactions with Chloroform: Synthesis of Arylcarbonate and Halocarbonate Esters. Journal of Organic Chemistry, 2021, 86, 9811-9819.	1.7	16
7	Hydroxychalcone dyes that serve as color indicators for pH and fluoride ions. RSC Advances, 2020, 10, 37463-37472.	1.7	4
8	A Chiral Metal-Organic 1D-Coordination Polymer Upon Complexation of Phenylene-Bridged Bipyrrole and Palladium (II) Ion. Frontiers in Chemistry, 2020, 8, 613932.	1.8	3
9	Photo-on-Demand Synthesis of Chloroformates with a Chloroform Solution Containing an Alcohol and Its One-Pot Conversion to Carbonates and Carbamates. Organic Letters, 2020, 22, 3566-3569.	2.4	21
10	Acoustic Flow of a Nanofiber. Journal of Fiber Science and Technology, 2018, 74, P-292-P-297.	0.0	0
11	Switching of the Ï€-electronic conjugations in the reduction of a dithienylethene-fused p-benzoquinone. RSC Advances, 2017, 7, 2403-2406.	1.7	6
12	An Acidâ€Responsive Single Trichromatic Luminescent Dye That Provides Pure Whiteâ€Light Emission. ChemPhotoChem, 2017, 1, 427-431.	1.5	10
13	Synthesis and photoisomerization of an azobenzene-containing tetrapyrrolic macrocycle. Journal of Photochemistry and Photobiology A: Chemistry, 2016, 331, 66-75.	2.0	9
14	Formation of Discrete Ladders and a Macroporous Xerogel Film by the Zipperlike Dimerization of Mesoâ€“Mesoâ€Linked Zinc(II) Porphyrin Arrays with Di(pyridâ€3â€yl)acetylene. Angewandte Chemie - International Edition, 2015, 54, 8673-8678.	7.2	5
15	Chiroptical sensing of oligonucleotides with a cyclic octapyrrole. Organic Chemistry Frontiers, 2015, 2, 29-33.	2.3	14
16	Photochromism in sound-induced alignment of a diarylethene supramolecular nanofibre. Chemical Communications, 2015, 51, 2790-2793.	2.2	11
17	Hydrodynamic Helical Orientations of Nanofibers in a Vortex. Symmetry, 2014, 6, 383-395.	1.1	9
18	Acoustic Alignment of a Supramolecular Nanofiber in Harmony with the Sound of Music. ChemPlusChem, 2014, 79, 516-523.	1.3	6

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19	Acoustic Alignment of a Supramolecular Nanofiber in Harmony with the Sound of Music. ChemPlusChem, 2014, 79, 472-472.	1.3	0
20	A physical operation of hydrodynamic orientation of an azobenzene supramolecular assembly with light and sound. Chemical Communications, 2014, 50, 5615-5618.	2.2	11
21	Control of reaction pathways in the photochemical reaction of a quinone with tetramethylethylene by metal binding. Organic and Biomolecular Chemistry, 2014, 12, 7004-7017.	1.5	5
22	Mechanistic study on the facilitation of enzymatic hydrolysis by Î±-glucosidase in the presence of betaine-type metabolite analogs. Tetrahedron, 2014, 70, 5895-5903.	1.0	9
23	Organic Syntheses with Photochemically Generated Chemicals from Tetrachloroethylene. Asian Journal of Organic Chemistry, 2013, 2, 572-578.	1.3	14
24	Vortex-Induced Alignment of a Water Soluble Supramolecular Nanofiber Composed of an Amphiphilic Dendrimer. Molecules, 2013, 18, 7071-7080.	1.7	7
25	Porphyrin Nanoclusters for Sensoring Chemical and Physical Stimuli. , 2012, , 629-660.		1
26	Photochemical Molecular Storage of Cl₂, HCl, and COCl₂: Synthesis of Organochlorine Compounds, Salts, Ureas, and Polycarbonate with Photodecomposed Chloroform. Organic Letters, 2012, 14, 3376-3379.	2.4	37
27	Brominated Methanes as Photoresponsive Molecular Storage of Elemental Br₂. Chemistry - an Asian Journal, 2012, 7, 2240-2252.	1.7	13
28	A self-assembled helical anthracene nanofibre whose P- and M-isomers show unequal linear dichroism in a vortex. Chemical Communications, 2011, 47, 11748.	2.2	21
29	Doubly Activated Supramolecular Reaction: Transesterification of Acyclic Oligoether Esters with Metal Alkoxides. Journal of Organic Chemistry, 2011, 76, 875-881.	1.7	5
30	Spectroscopic Visualization of Right- and Left-Handed Helical Alignments of DNA in Chiral Vortex Flows. Bulletin of the Chemical Society of Japan, 2011, 84, 1031-1038.	2.0	16
31	Spectroscopic visualization of sound-induced liquid vibrations using a supramolecular nanofibre. Nature Chemistry, 2010, 2, 977-983.	6.6	50
32	Excitation Energy Migration Processes in Self-Assembled Porphyrin Boxes Constructed by Conjugated Porphyrin Dimers. Journal of Physical Chemistry B, 2010, 114, 9157-9164.	1.2	20
33	Design of Porphyrin Nanoclusters toward Discovery of Novel Properties and Functions. Bulletin of the Chemical Society of Japan, 2009, 82, 11-28.	2.0	21
34	Directed 1D Assembly of a Ringâ€Shaped Inorganic Nanocluster Templated by an Organic Rigidâ€Rod Molecule: An Inorganic/Organic Polypseudorotaxane. Angewandte Chemie - International Edition, 2008, 47, 2070-2073.	7.2	63
35	â€œConformationalâ€•Solvatochromism: Spatial Discrimination of Nonpolar Solvents by Using a Supramolecular Box of a Ï€â€Conjugated Zinc Bisporphyrin Rotamer. Angewandte Chemie - International Edition, 2008, 47, 5153-5156.	7.2	52
36	Cover Picture: Directed 1D Assembly of a Ring-Shaped Inorganic Nanocluster Templated by an Organic Rigid-Rod Molecule: An Inorganic/Organic Polypseudorotaxane (Angew. Chem. Int. Ed. 11/2008). Angewandte Chemie - International Edition, 2008, 47, 1967-1968.	7.2	2

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37	Inside Cover: â€œConformationalâ€•Solvatochromism: Spatial Discrimination of Nonpolar Solvents by Using a Supramolecular Box of a Ï€â€Conjugated Zinc Bisporphyrin Rotamer (Angew. Chem. Int. Ed.) Tj ETQq1 1 0.784314 rgBT /Over	7.2	0
38	Innentitelbild: â€œConformationalâ€•Solvatochromism: Spatial Discrimination of Nonpolar Solvents by Using a Supramolecular Box of a Ï€â€Conjugated Zinc Bisporphyrin Rotamer (Angew. Chem. 28/2008). Angewandte Chemie, 2008, 120, 5174-5174.	1.6	0
39	Translation of helical chirality from polymer into monomer: supramolecular polymerization of a chirality-memory molecule with an asymmetric Pd(II) complex. Tetrahedron, 2008, 64, 8264-8270.	1.0	18
40	Photophysics of meso-Î² Doubly Linked Ni(II) Porphyrin Arrays:â€‰ Large Two-Photon Absorption Cross-Section and Fast Energy Relaxation Dynamics. Journal of the American Chemical Society, 2007, 129, 10080-10081.	6.6	90
41	Chiroptical Sensing of Asymmetric Hydrocarbons Using a Homochiral Supramolecular Box from a Bismetalloporphyrin Rotamer. Angewandte Chemie - International Edition, 2007, 46, 2031-2035.	7.2	56
42	Amplified Chiral Transformation through Helical Assembly. Angewandte Chemie - International Edition, 2007, 46, 6476-6480.	7.2	64
43	Spectroscopic Visualization of Vortex Flows Using Dyeâ€Containing Nanofibers. Angewandte Chemie - International Edition, 2007, 46, 8198-8202.	7.2	225
44	Inside Cover: Amplified Chiral Transformation through Helical Assembly (Angew. Chem. Int. Ed.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46	7.2	0
45	A Theoretical Study on the Third-Order Nonlinear Optical Properties of Ï€-Conjugated Linear Porphyrin Arrays. Journal of Physical Chemistry A, 2006, 110, 4888-4899.	1.1	32
46	Synthesis and Characterization of Facially Encumbered and Soluble Porphyrin Tapes. Chemistry Letters, 2006, 35, 946-947.	0.7	12
47	Hermaphroditic Chirality of aD2-Symmetric Saddle-Shaped Porphyrin in Multicomponent Spontaneous Optical Resolution: Inclusion Cocrystals with Double-Helical Porphyrin Arrays. Angewandte Chemie - International Edition, 2006, 45, 3786-3790.	7.2	18
48	Spectroscopic and Theoretical Studies of Optically Active Porphyrin Dimers: A System Uninterpretable by Exciton Coupling Theory. ChemPhysChem, 2006, 7, 1235-1240.	1.0	24
49	Magnetic Circular Dichroism Study of Directly Fused Porphyrins. ChemPhysChem, 2005, 6, 171-179.	1.0	17
50	Planar or Perpendicular? Conformational Preferences of Ï€-Conjugated Metalloporphyrin Dimers and Trimers in Supramolecular Tubular Arrays. Angewandte Chemie - International Edition, 2005, 44, 4884-4888.	7.2	55
51	A Molybdenum Crown Cluster Forms Discrete Inorganic-Organic Nanocomposites with Metalloporphyrins. Angewandte Chemie - International Edition, 2004, 43, 6327-6331.	7.2	71
52	Cover Picture: A Molybdenum Crown Cluster Forms Discrete Inorganic-Organic Nanocomposites with Metalloporphyrins (Angew. Chem. Int. Ed. 46/2004). Angewandte Chemie - International Edition, 2004, 43, 6219-6219.	7.2	0
53	Directly Linked and Fused Oligoporphyrin Arrays. ChemInform, 2004, 35, no.	0.1	0
54	Porphyrin Boxes Constructed by Homochiral Self-Sorting Assembly:Â Optical Separation, Exciton Coupling, and Efficient Excitation Energy Migration. Journal of the American Chemical Society, 2004, 126, 16187-16198.	6.6	183

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55	Oxidative direct coupling of metalloporphyrins. Journal of Porphyrins and Phthalocyanines, 2003, 07, 264-269.	0.4	20
56	Ï€-Conjugated multiporphyrin box via self-assembly of an ethynylene-bridged zinc porphyrin dimer. Journal of Porphyrins and Phthalocyanines, 2003, 07, 388-393.	0.4	19
57	Metal-Dependent Regioselective Oxidative Coupling of 5,10,15-Triarylporphyrins with DDQ-Sc(OTf)3and Formation of an Oxo-quinoidal Porphyrin. Organic Letters, 2003, 5, 2079-2082.	2.4	70
58	Self-Activated Supramolecular Reactions: Effects of Hostâ^'Guest Recognition on the Kinetics of the Dielsâ^'Alder Reaction of Open-Chain Oligoether Quinones with Cyclopentadiene. Journal of the American Chemical Society, 2003, 125, 5811-5822.	6.6	29
59	Photophysical Properties of a Three-Dimensional Zinc(II) Porphyrin Box. Journal of Physical Chemistry B, 2003, 107, 9977-9988.	1.2	39
60	Electrical Conduction through Linear Porphyrin Arrays. Journal of the American Chemical Society, 2003, 125, 11062-11064.	6.6	75
61	Synthesis of meso-Î² doubly linked porphyrin tapesElectronic supplementary information (ESI) available: 1H NMR spectra. See http://www.rsc.org/suppdata/cc/b3/b302032k/. Chemical Communications, 2003, , 1096-1097.	2.2	74
62	STM images of individual porphyrin hexamers; mesoâ€“meso singly linked orthogonal hexamer and mesoâ€“meso, Î²â€“Î², Î²â€“Î² triply-linked planar hexamer on Cu(100) surface. Chemical Communications, 2003, , 2986-2987.	2.2	18
63	Resonance Raman spectroscopic study of fused multiporphyrin linear arrays. Journal of Chemical Physics, 2003, 119, 5237-5252.	1.2	13
64	A Novel Supramolecular Multicolor Thermometer by Self-Assembly of aÏ€-Extended Zinc Porphyrin Complex. Journal of the American Chemical Society, 2003, 125, 15722-15723.	6.6	93
65	Directly Linked and Fused Oligoporphyrin Arrays. , 2003, , 115-123.		1
66	Ground and excited states of linked and fused zinc porphyrin dimers: Symmetry adapted cluster (SAC)â€"configuration interaction (CI) study. Journal of Chemical Physics, 2002, 117, 11196-11207.	1.2	40
67	Effects of Hostâ^'Guest Recognition on Kinetics of Dielsâ^'Alder Reaction of Quinocrown Ethers with Cyclopentadiene. Journal of Organic Chemistry, 2002, 67, 1282-1289.	1.7	16
68	Photophysical Properties of Porphyrin Tapes. Journal of the American Chemical Society, 2002, 124, 14642-14654.	6.6	217
69	A Self-Assembled Porphyrin Box from mesomeso-Linked Bis{5-p-pyridyl-15-(3,5-di-octyloxyphenyl)porphyrinato zinc(II)}. Angewandte Chemie - International Edition, 2002, 41, 2817-2821.	7.2	122
70	Discrete Conjugated Porphyrin Tapes with an Exceptionally Small Bandgap. Advanced Materials, 2002, 14, 75-79.	11.1	86
71	Fully Conjugated Porphyrin Tapes with Electronic Absorption Bands That Reach into Infrared. Science, 2001, 293, 79-82.	6.0	907
72	Syntheses, Structural Characterizations, and Optical and Electrochemical Properties of Directly Fused Diporphyrins. Journal of the American Chemical Society, 2001, 123, 10304-10321.	6.6	262

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73	Directly Linked and Fused Oligoporphyrin Arrays from Oxidation of Metalloporphyrins. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2001, 41, 77-81.	1.6	4
74	Discrete Giant Porphyrin Arrays: Challenges to Molecular Size, Length and the Extent of Electronic Ï€-Conjugation. Synlett, 2001, 2001, 1663-1674.	1.0	36
75	Doubly meso-Î²-Linked Diporphyrins from Oxidation of 5,10,15-Triaryl-Substituted Nill- and Pdlâ€‰-â€‰Porphyrins. Angewandte Chemie - International Edition, 2000, 39, 558-561.	7.2	118
76	Completely Fused Diporphyrins and Triporphyrin. Angewandte Chemie - International Edition, 2000, 39, 2549-2552.	7.2	182
77	Cation complexation of quinocrown ethers in electrospray ionization mass spectrometry. A comparison with benzocrown ethers. Journal of the Chemical Society Perkin Transactions II, 1999, , 1235-1240.	0.9	18
78	Cation binding acceleration of Dielsâ€“Alder reaction of quinocrown ethers with cyclopentadiene. New Journal of Chemistry, 1998, 22, 1027-1029.	1.4	12