

Kentaro Tashiro

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

49
papers

2,762
citations

25
h-index

51
g-index

51
ext. papers

2,850
ext. citations

10.2
avg, IF

4.71
L-index

#	Paper	IF	Citations
49	Metalloporphyrin hosts for supramolecular chemistry of fullerenes. <i>Chemical Society Reviews</i> , 2007 , 36, 189-97	58.5	315
48	A Cyclic Dimer of Metalloporphyrin Forms a Highly Stable Inclusion Complex with C60. <i>Journal of the American Chemical Society</i> , 1999 , 121, 9477-9478	16.4	281
47	Liquid crystalline corannulene responsive to electric field. <i>Journal of the American Chemical Society</i> , 2009 , 131, 44-5	16.4	175
46	Cyclic Dimers of Metalloporphyrins as Tunable Hosts for Fullerenes: A Remarkable Effect of Rhodium(III). <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 1857-1861	16.4	159
45	Supramolecular peapods composed of a metalloporphyrin nanotube and fullerenes. <i>Journal of the American Chemical Society</i> , 2003 , 125, 13934-5	16.4	146
44	Selective extraction of higher fullerenes using cyclic dimers of zinc porphyrins. <i>Journal of the American Chemical Society</i> , 2004 , 126, 6570-1	16.4	145
43	Metal Bisporphyrinate Double-Decker Complexes as Redox-Responsive Rotating Modules. Studies on Ligand Rotation Activities of the Reduced and Oxidized Forms Using Chirality as a Probe. <i>Journal of the American Chemical Society</i> , 2000 , 122, 7921-7926	16.4	137
42	Chiroselective assembly of a chiral porphyrin-fullerene dyad: photoconductive nanofiber with a top-class ambipolar charge-carrier mobility. <i>Journal of the American Chemical Society</i> , 2010 , 132, 6628-9	16.4	112
41	Positive heterotropic cooperativity for selective guest binding via electronic communications through a fused zinc porphyrin array. <i>Journal of the American Chemical Society</i> , 2005 , 127, 13086-7	16.4	107
40	Hosting fullerenes by dynamic bond formation with an iridium porphyrin cyclic dimer: a "chemical friction" for rotary guest motions. <i>Journal of the American Chemical Society</i> , 2007 , 129, 11912-3	16.4	104
39	Prominent electron transport property observed for triply fused metalloporphyrin dimer: directed columnar liquid crystalline assembly by amphiphilic molecular design. <i>Journal of the American Chemical Society</i> , 2008 , 130, 13812-3	16.4	94
38	Assembly and manipulation of rotatable cerium porphyrinato sandwich complexes on a surface. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 3872-7	16.4	86
37	Enantiomeric Resolution of Chiral Metallobis(porphyrin)s: Studies on Rotatability of Electronically Coupled Porphyrin Ligands. <i>Angewandte Chemie International Edition in English</i> , 1997 , 36, 856-858		86
36	Sensing of chiral fullerenes by a cyclic host with an asymmetrically distorted pi-electronic component. <i>Journal of the American Chemical Society</i> , 2006 , 128, 10690-1	16.4	77
35	Electron- or hole-transporting nature selected by side-chain-directed π -stacking geometry: liquid crystalline fused metalloporphyrin dimers. <i>Journal of the American Chemical Society</i> , 2011 , 133, 6537-40	16.4	73
34	One-pot enantioselective extraction of chiral fullerene C76 using a cyclic host carrying an asymmetrically distorted, highly pi-basic porphyrin module. <i>Journal of the American Chemical Society</i> , 2010 , 132, 5928-9	16.4	69
33	A supramolecular oscillator composed of carbon nanocluster C(120) and a rhodium(III) porphyrin cyclic dimer. <i>Journal of the American Chemical Society</i> , 2002 , 124, 12086-7	16.4	55

32	Ferromagnetic spin coupling between endohedral metallofullerene La@C82 and a cyclodimeric copper porphyrin upon inclusion. <i>Journal of the American Chemical Society</i> , 2011 , 133, 9290-2	16.4	54
31	Synthesis of metal-organic complex arrays. <i>Journal of the American Chemical Society</i> , 2011 , 133, 759-61	16.4	52
30	A self-regulatory host in an oscillatory guest motion: complexation of fullerenes with a short-spaced cyclic dimer of an organorhodium porphyrin. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 3542-6	16.4	48
29	Molecular Design of a Novel Dendrimer Porphyrin for Supramolecular Fullerene/Dendrimer Hybridization. <i>Macromolecules</i> , 2000 , 33, 9182-9184	5.5	46
28	Selective supramolecular fullerene-porphyrin interactions and switching in surface-confined C60-Ce(TPP)2 dyads. <i>Nano Letters</i> , 2012 , 12, 4077-83	11.5	42
27	Rotational oscillation of two interlocked porphyrins in cerium bis(5,15-diarylporphyrinate) double-deckers. <i>Chemical Communications</i> , 1998 , 1121-1122	5.8	41
26	Cyclic Dimers of Metalloporphyrins as Tunable Hosts for Fullerenes: A Remarkable Effect of Rhodium(III). <i>Angewandte Chemie</i> , 2001 , 113, 1909-1913	3.6	36
25	Cyclic dimer of a fused porphyrin zinc complex as a novel host with two pi-electronically coupled binding sites. <i>Chemical Communications</i> , 2005 , 2324-6	5.8	32
24	Enantiomerentrennung bei chiralen Metallobis(porphyrinen): Untersuchungen zur Rotationsfähigkeit elektronisch gekoppelter Porphyrinliganden. <i>Angewandte Chemie</i> , 1997 , 109, 882-884	3.6	22
23	Isomers of metal-organic complex arrays. <i>Inorganic Chemistry</i> , 2012 , 51, 6437-9	5.1	21
22	Synthese und Manipulation rotierbarer Cer-Porphyrin-Sandwichkomplexe auf einer Oberfläche. <i>Angewandte Chemie</i> , 2011 , 123, 3958-3963	3.6	18
21	Modular synthesis of metal-organic complex arrays containing precisely designed metal sequences. <i>Inorganic Chemistry</i> , 2015 , 54, 1197-9	5.1	15
20	Chirality sensing of fullerenes using cyclic hosts having a chiral N-substituted porphyrin: a remote substituent effect. <i>Chirality</i> , 2008 , 20, 420-4	2.1	15
19	Long-range Photoinduced Electron Transfer Mediated by Oligo-p-phenylenebutadiynylene Conjugated Bridges. <i>Chemistry Letters</i> , 2006 , 35, 518-519	1.7	14
18	Intramolecular photoinduced electron-transfer processes in buta-1,3-diynyl-benzene-linked porphyrin-fullerene dyad. <i>Journal of Porphyrins and Phthalocyanines</i> , 2007 , 11, 397-405	1.8	13
17	Electronic Charge-Transfer Interactions in Inclusion Complexes of Fullerenes with Cyclic Dimers of Metalloporphyrins. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2001 , 41, 215-217		13
16	Coassembly-Directed Fabrication of an Exfoliated Form of Alternating Multilayers Composed of a Self-assembled Organoplatinum(II) Complex-Fullerene Dyad. <i>Inorganic Chemistry</i> , 2015 , 54, 11581-3	5.1	10
15	A water-soluble metal-organic complex array as a multinuclear heterometallic peptide amphiphile that shows unconventional anion dependency in its self-assembly. <i>Chemical Communications</i> , 2016 , 52, 1579-81	5.8	8

14	Charge-Separated Fmoc-Peptide β -Sheets: Sequence-Secondary Structure Relationship for Arranging Charged Side Chains on Both Sides. <i>Asian Journal of Organic Chemistry</i> , 2014 , 3, 1182-1188	3	7
13	A Self-Regulatory Host in an Oscillatory Guest Motion: Complexation of Fullerenes with a Short-Spaced Cyclic Dimer of an Organorhodium Porphyrin. <i>Angewandte Chemie</i> , 2006 , 118, 3622-3626	3.6	7
12	Aerogel Photocatalyst Composed of Transparent Mesoporous Polymethylsilsequioxane Softly Post-Modified with a Visible-Light-Absorbing Metal Complex. <i>ChemNanoMat</i> , 2018 , 4, 52-55	3.5	6
11	Excellent Oxygen Reduction Reaction Performance in Self-Assembled Amyloid-like Platinum Nanoparticle Hybrids with Effective Platinum-Nitrogen Bond Formation. <i>ACS Applied Energy Materials</i> , 2019 , 2, 6536-6541	6.1	6
10	Platinum(II) Terpyridine Complex That Switches Its Photochemical Reactivity in Response to Its Chromic Behavior in the Crystalline State. <i>Inorganic Chemistry</i> , 2018 , 57, 13079-13082	5.1	4
9	Cyclic Dimers of Metalloporphyrins as Tunable Hosts for Fullerenes: A Remarkable Effect of Rhodium(III) 2001 , 40, 1857		4
8	Controlled Self-assembly of Oligopeptides Bearing Electron Donor and Acceptor Units on the Side Chains to Form β -Sheets with Selective β -Stacking Configuration. <i>Chemistry Letters</i> , 2017 , 46, 423-425	1.7	2
7	Synthesis of a Water-soluble Metal-Organic Complex Array. <i>Journal of Visualized Experiments</i> , 2016 ,	1.6	1
6	Supramolecular Interactions between C ₆₀ and a Zirconium Bisporphyrinate Double-decker Complex. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2014 , 22, 61-65	1.8	1
5	Amyloid-like Nanofibrillation of Metal-Organic Complex Arrays Ruled by Their Precisely Designed Metal Sequences. <i>Chemistry - an Asian Journal</i> , 2020 , 15, 766-769	4.5	1
4	A Glutathione-Responsive Short Sequence of Metal-Organic Complex Array. <i>ChemBioChem</i> , 2018 , 19, 1706	3.8	1
3	Gelation of a β -Decorated Glutamate as a Homochiral Selective Self-assembly to Emerge Macroscopic Chiral Symmetry Breaking.. <i>Chemistry - an Asian Journal</i> , 2022 ,	4.5	1
2	Sequence Control of β -Electron Systems 2015 , 443-456		
1	Soft Materials 2021 , 1-40		