

Takeshi Hashimoto

List of Publications by Citations

Source: <https://exaly.com/author-pdf/6033108/takeshi-hashimoto-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

61

papers

821

citations

15

h-index

26

g-index

64

ext. papers

909

ext. citations

3

avg, IF

3.84

L-index

#	Paper	IF	Citations
61	Formation of structurally different solvated and non-solvated [Ni(PTSC)(PPh ₃)] (PTSC=salicylaldehyde-N-phenylthiosemicarbazide anion) crystals from single pot. <i>Inorganica Chimica Acta</i> , 2005 , 358, 2093-2096	2.7	89
60	Synthesis, characterization, and detailed electrochemistry of binuclear ruthenium(III) complexes bridged by bisacetylacetonate. Crystal and molecular structures of [[Ru(acac) ₂] ₂ (tae)] (acac = 2,4-pentanedionate ion, tae = 1,1,2,2-tetraacetylanate dianion). <i>Inorganic Chemistry</i> , 2004 , 43, 6215-23	5.1	64
59	Selective glucose recognition by boronic acid azoprobe/gamma-cyclodextrin complexes in water. <i>Chemical Communications</i> , 2009 , 1709-11	5.8	63
58	Synthesis, characterization and crystal structure of cobalt(III) complexes containing 2-acetylpyridine thiosemicarbazones: DNA/protein interaction, radical scavenging and cytotoxic activities. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014 , 130, 205-16	6.7	57
57	Glucose recognition by a supramolecular complex of boronic acid fluorophore with boronic acid-modified cyclodextrin in water. <i>Analytical Sciences</i> , 2012 , 28, 121-6	1.7	42
56	Nickel(II) complexes containing thiosemicarbazone and triphenylphosphine: Synthesis, spectroscopy, crystallography and catalytic activity. <i>Journal of Molecular Structure</i> , 2011 , 1002, 58-62	3.4	39
55	Development of Supramolecular Saccharide Sensors Based on Cyclodextrin Complexes and Self-assembling Systems. <i>Chemical and Pharmaceutical Bulletin</i> , 2017 , 65, 318-325	1.9	30
54	Synthesis and Characterization of Sulfur-Bridged Binuclear μ -Diketonatoruthenium Complexes and a Monomeric Ruthenium Complex. Crystal and Molecular Structures of Racemic and Meso Isomers of [Ru(acac) ₂ (μ -topd-O,S,O)] ₂ [Ru(acac) ₂] (acac = Acetylacetonato and topd = 3-Thioxo-2,4-pentanedione). <i>Inorganic Chemistry</i> , 1998 , 37, 5211-5220	5.1	28
53	Design and Function of Supramolecular Recognition Systems Based on Guest-Targeting Probe-Modified Cyclodextrin Receptors for ATP. <i>Journal of Organic Chemistry</i> , 2017 , 82, 976-981	4.2	27
52	Novel binuclear palladium(II) complexes of 2-oxoquinoline-3-carbaldehyde Schiff bases: Synthesis, structure and catalytic applications. <i>Polyhedron</i> , 2012 , 34, 143-148	2.7	21
51	The design of phenylboronic acid azoprobe-polyamidoamine dendrimer complexes as supramolecular sensors for saccharide recognition in water. <i>New Journal of Chemistry</i> , 2015 , 39, 2620-2626	3.6	21
50	Effect of cyclodextrins on saccharide sensing function of a fluorescent phenylboronic acid in water. <i>Analytical Sciences</i> , 2008 , 24, 207-12	1.7	21
49	Rapid and Selective Discrimination of Gram-Positive and Gram-Negative Bacteria by Boronic Acid-Modified Poly(amidoamine) Dendrimer. <i>Analytical Chemistry</i> , 2019 , 91, 3929-3935	7.8	20
48	Photocurrent enhancement of porphyrin molecules over a wide-wavelength region based on combined use of silver nanoprisms with different aspect ratios. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 11439-11448	7.1	15
47	Synthesis, spectral characterization, antioxidant, anticancer in vitro, and DNA cleavage studies of a series of ruthenium(II) complexes bearing Schiff base ligands. <i>Journal of Coordination Chemistry</i> , 2013 , 66, 4052-4066	1.6	15
46	Diffusion Coefficients of Tris(μ -diketonato)ruthenium Complexes of Different Charge Numbers in Acetonitrile Solutions, Measured by Chronoamperometry. <i>Journal of Solution Chemistry</i> , 2007 , 36, 1243-1259	1.8	15
45	Reaction of Acetone on Coordinated Nitrile in μ -Diketonato Ruthenium Complex, [Ru(acac) ₂ (CH ₃ CN) ₂] with the formation of μ -Ketimate. <i>Chemistry Letters</i> , 2003 , 32, 874-875	1.7	13

44	Saccharide Recognition Based on Self-Assembly of Amphiphilic Phenylboronic Acid Azoprobes. <i>Langmuir</i> , 2016 , 32, 10761-10766	4	13
43	Solvent effect on the fluorescence response of hydroxycoumarin bearing a dipicolylamine binding site to metal ions. <i>Analytical Sciences</i> , 2014 , 30, 1045-50	1.7	12
42	Development of Dipicolylamine-Modified Cyclodextrins for the Design of Selective Guest-Responsive Receptors for ATP. <i>Molecules</i> , 2018 , 23,	4.8	11
41	Guest-induced supramolecular chirality in a ditopic azoprobe-cyclodextrin complex in water. <i>Chemical Communications</i> , 2014 , 50, 10059-61	5.8	11
40	Reactions of ketones with coordinated nitriles on η^2 -diketonato ruthenium complexes leading to formation of compounds with new carbon-carbon bonds. <i>Inorganica Chimica Acta</i> , 2005 , 358, 2207-2216	2.7	11
39	Metal and Phosphate Ion Recognition Using Dipicolylamine-modified Fluorescent Silica Nanoparticles. <i>Analytical Sciences</i> , 2018 , 34, 1125-1130	1.7	10
38	Design and Evaluation of Selective Recognition on Supramolecular Gel Using Soft Molecular Template Effect. <i>Chemistry Letters</i> , 2014 , 43, 228-230	1.7	10
37	Structural effect of fluorophore on phenylboronic acid fluorophore/cyclodextrin complex for selective glucose recognition. <i>Frontiers of Chemical Science and Engineering</i> , 2020 , 14, 53-60	4.5	10
36	Organoruthenium(II) compounds with pyridyl benzoxazole/benzthiazole moiety: studies on DNA/protein binding and enzyme mimetic activities. <i>Journal of Coordination Chemistry</i> , 2017 , 70, 1645-1666	1.6	9
35	Staphylococcus aureus Detection by Fluorescent Silica Nanoparticles Modified with Metal-Dipicolylamine Complexes. <i>Chemistry Letters</i> , 2016 , 45, 749-751	1.7	9
34	Structures and electrochemistry of monomeric and dimeric CpCo(dithiolene) complexes with substituted benzene-1,2-dithiolate ligand. <i>Inorganica Chimica Acta</i> , 2010 , 363, 3647-3653	2.7	9
33	Phosphate-sensing with (di-(2-picolyl)amino)quinazolines based on a fluorescence on-off system.. <i>RSC Advances</i> , 2020 , 10, 15299-15306	3.7	8
32	Effects of cyclodextrins on intramolecular photoinduced electron transfer in a boronic acid fluorophore. <i>Analytical Sciences</i> , 2014 , 30, 643-8	1.7	8
31	Different Magnetic Properties for Diastereomers of Alkoxide-bridged (η^2 -diketonato)ruthenium(III) Binuclear Complexes. <i>Chemistry Letters</i> , 2007 , 36, 1174-1175	1.7	8
30	Electrochemical sugar recognition using a ruthenium complex with boronic acid assembled on polyamidoamine (PAMAM) dendrimer. <i>Analytical Methods</i> , 2012 , 4, 2657	3.2	7
29	Structural Effect of Amphiphilic Crown Ether Azoprobes on Alkali Metal Ion Recognition and Aggregation Behavior in Water. <i>Bulletin of the Chemical Society of Japan</i> , 2008 , 81, 1589-1594	5.1	7
28	Self-assembly of Amphiphilic Benzo-15-crown-5 Azoprobes in Response to Alkali Metal Ions in Water. <i>Chemistry Letters</i> , 2007 , 36, 880-881	1.7	7
27	Synthesis, Structure, and Preliminary Magnetic Studies of a Cluster Polymer with a Hexacopper(II) Barrel Portion. <i>Chemistry Letters</i> , 2003 , 32, 202-203	1.7	7

26	Electrochemical Assay for Extremely Selective Recognition of Fructose Based on 4-Ferrocene-Phenylboronic Acid Probe and β -Cyclodextrins Supramolecular Complex. <i>Small</i> , 2020 , 16, e2003359	11	7
25	Selective Sugar Recognition by Anthracene-Type Boronic Acid Fluorophore/Cyclodextrin Supramolecular Complex Under Physiological pH Condition. <i>Frontiers in Chemistry</i> , 2019 , 7, 806	5	7
24	A Novel Tetra Nuclear Ruthenium Complex Containing Deltoid Core Topology, $[\text{Ru}_4(\beta\text{-O})_2]^{8+}$, Incorporating Simultaneous O,O- and β -C Bonded Bridging Acetylacetonate Units. <i>Chemistry Letters</i> , 2004 , 33, 1422-1423	1.7	5
23	Studies on Ru of $[\text{Ru}(\text{acac})_3]$, $[\text{Ru}(\text{acac})_2(\text{CH}_3\text{CN})_2]$, $[\text{Ru}(\text{acac})_2(\text{topd-O,S})]$, and $[\text{Ru}(\text{acac})_2(\beta\text{-topd-O,S,O?})]$ (acac = acetylacetonate and topd = 3-thioxo-2,4-pentanedione) by XPS. <i>Surface Science Spectra</i> , 2000 , 7, 101-113	1.2	5
22	Preparation of Saccharide Exchange Membrane Modified by Phenylboronic Acid Azoprobe/Polyamidoamine (PAMAM) Dendrimer. <i>Journal of Ion Exchange</i> , 2014 , 25, 146-150	0.2	5
21	A novel electrochemical sugar recognition system using a ruthenium complex and phenylboronic acid assembled on gold nanoparticles. <i>Analytical Methods</i> , 2014 , 6, 8874-8877	3.2	4
20	Design and Function of Novel Azoprobe Possessing Multipoint Binding Sites for Dopamine Recognition. <i>Bunseki Kagaku</i> , 2012 , 61, 213-219	0.2	4
19	Preparation and electrochemical properties of novel cyclic dinuclear acetylacetonate ruthenium complexes doubly bridged with sulfur and/or disulfur. <i>Inorganica Chimica Acta</i> , 2011 , 373, 142-149	2.7	4
18	Supramolecular Zn(II)-Dipicolylamine-Azobenzene-Aminocyclodextrin-ATP Complex: Design and ATP Recognition in Water. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
17	Fast and Sensitive Bacteria Detection by Boronic Acid Modified Fluorescent Dendrimer. <i>Sensors</i> , 2021 , 21,	3.8	4
16	Design and Function of Fluorescent Silica Nanoparticles for Bacteria Detection. <i>Journal of Ion Exchange</i> , 2018 , 29, 121-125	0.2	4
15	Design of benzo-15-crown-5 azoprobe/ β -cyclodextrin complexes for alkali metal ion recognition in water. <i>Arkivoc</i> , 2010 , 2010, 203-216	0.9	3
14	Design of Saccharide Recognition Material Based on Boronic Acid Fluorophore/Cyclodextrin Gel. <i>Journal of Ion Exchange</i> , 2018 , 29, 126-130	0.2	3
13	Electrochemical Sensing of Adenosin Triphosphate by Specific Binding to Dipicolylamine Group in Cyclodextrin Supramolecular Complex.. <i>ACS Applied Bio Materials</i> , 2021 , 4, 3041-3045	4.1	2
12	Structural effects of ditopic azoprobe-cyclodextrin complexes on the selectivity of guest-induced supramolecular chirality. <i>Chemical Communications</i> , 2018 , 54, 12690-12693	5.8	2
11	Ion-Exchange and Supramolecular Chemistry (3) Development of Molecular Recognition Based on Metal Complexes. <i>Journal of Ion Exchange</i> , 2008 , 19, 2-11	0.2	1
10	Development of Supramolecular and Metal-Complex Type Analytical Reagents Possessing Sugar Recognition Function. <i>Journal of Ion Exchange</i> , 2014 , 25, 52-64	0.2	1
9	Effect of Spacer Length in Pyrene-Modified-Phenylboronic Acid Probe/CyD Complexes on Fluorescence-based Recognition of Monosaccharides in Aqueous Solution. <i>Analytical Sciences</i> , 2021 , 37, 721-726	1.7	1

8	Micelle-Type Sensor for Saccharide Recognition by Using Boronic Acid Fluorescence Amphiphilic Probe and Surfactants. <i>Solvent Extraction and Ion Exchange</i> , 2021 , 39, 668-677	2.5	1
7	NMR Investigation of the Supramolecular Complex Formed by a Phenylboronic Acid-Ferrocene Electroactive Probe and Native or Derivatized β -Cyclodextrin. <i>International Journal of Molecular Sciences</i> , 2022 , 23, 6045	6.3	1
6	Ratiometric fluorescence sensing of d-allulose using an inclusion complex of β -cyclodextrin with a benzoxaborole-based probe.. <i>RSC Advances</i> , 2022 , 12, 12145-12151	3.7	0
5	NMR Study on the Ru-dimer System with Valence Fluctuation. <i>Physics Procedia</i> , 2015 , 75, 613-617		
4	Heavy Metal Ion Sensing by N-(4-Styrylphenyl)iminodiacetic Acid Probe/Cyclodextrin Complexes in Water. <i>Journal of Ion Exchange</i> , 2007 , 18, 410-415	0.2	
3	Low-Temperature Magnetism of Gold Nano Particles Contained in Electrochemical Sugar Recognition System. <i>IEEE Transactions on Magnetics</i> , 2019 , 55, 1-4	2	
2	Development of Supramolecular and/or Metal-Complex Analytical Reagents Possessing Ion-Exchange or Molecular Recognition Function. <i>Journal of Ion Exchange</i> , 2018 , 29, 176-187	0.2	
1	Phosphate Derivative Recognition Using Polyamide Amine Dendrimer Reagent Modified by Dipicorylamine Ligand. <i>Bunseki Kagaku</i> , 2022 , 71, 167-178	0.2	