

Yuji Tsuchido

List of Publications by Citations

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Version: 2024-04-27

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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.

20
papers

238
citations

10
h-index

15
g-index

23
ext. papers

282
ext. citations

3.4
avg, IF

3.06
L-index

#	Paper	IF	Citations
20	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
19	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
18	Construction of protein-crosslinked nanogels with vitamin B6 bearing polysaccharide. <i>Polymer Chemistry</i> , 2011 , 2, 1267	4.9	27
17	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
16	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
15	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
14	Saccharide Recognition Based on Self-Assembly of Amphiphilic Phenylboronic Acid Azoprobes. <i>Langmuir</i> , 2016 , 32, 10761-10766	4	13
13	Protein nanogelation using vitamin B6-bearing pullulan: effect of zinc ions. <i>Polymer Journal</i> , 2015 , 47, 201-205	2.7	12
12	Development of Dipicolylamine-Modified Cyclodextrins for the Design of Selective Guest-Responsive Receptors for ATP. <i>Molecules</i> , 2018 , 23,	4.8	11
11	Metal and Phosphate Ion Recognition Using Dipicolylamine-modified Fluorescent Silica Nanoparticles. <i>Analytical Sciences</i> , 2018 , 34, 1125-1130	1.7	10
10	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
9	Staphylococcus aureus Detection by Fluorescent Silica Nanoparticles Modified with Metal-Dipicolylamine Complexes. <i>Chemistry Letters</i> , 2016 , 45, 749-751	1.7	9
8	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
7	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
6	Fast and Sensitive Bacteria Detection by Boronic Acid Modified Fluorescent Dendrimer. <i>Sensors</i> , 2021 , 21,	3.8	4
5	Design and Function of Fluorescent Silica Nanoparticles for Bacteria Detection. <i>Journal of Ion Exchange</i> , 2018 , 29, 121-125	0.2	4
4	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

3	Nanogelation and Thermal Stabilization of Enzyme by Vitamin B-Bearing Polysaccharide as Biocrosslinker. <i>ACS Biomaterials Science and Engineering</i> , 2019 , 5, 5752-5758	5.5	2
2	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
1	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