Yuji Tsuchido

List of Publications by Year in Descending Order

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	Fast and Sensitive Bacteria Detection by Boronic Acid Modified Fluorescent Dendrimer. *Sensors*, **2021**, 21,	3.8	4
19	Effect of Spacer Length in Pyrene-Modified-Phenylboronic Acid Probe/CyD Complexes on Fluorescence-based Recognition of Monosaccharides in Aqueous Solution. *Analytical Sciences*, **2021**, 37, 721-726	1.7	1
18	Micelle-Type Sensor for Saccharide Recognition by Using Boronic Acid Fluorescence Amphiphilic Probe and Surfactants. *Solvent Extraction and Ion Exchange*, **2021**, 39, 668-677	2.5	1
17	Structural effect of fluorophore on phenylboronic acid fluorophore/cyclodextrin complex for selective glucose recognition. *Frontiers of Chemical Science and Engineering*, **2020**, 14, 53-60	4.5	10
16	Nanogelation and Thermal Stabilization of Enzyme by Vitamin B-Bearing Polysaccharide as Biocrosslinker. *ACS Biomaterials Science and Engineering*, **2019**, 5, 5752-5758	5.5	2
15	Selective Sugar Recognition by Anthracene-Type Boronic Acid Fluorophore/Cyclodextrin Supramolecular Complex Under Physiological pH Condition. *Frontiers in Chemistry*, **2019**, 7, 806	5	7
14	Rapid and Selective Discrimination of Gram-Positive and Gram-Negative Bacteria by Boronic Acid-Modified Poly(amidoamine) Dendrimer. *Analytical Chemistry*, **2019**, 91, 3929-3935	7.8	20
13	Development of Dipicolylamine-Modified Cyclodextrins for the Design of Selective Guest-Responsive Receptors for ATP. *Molecules*, **2018**, 23,	4.8	11
12	Metal and Phosphate Ion Recognition Using Dipicolylamine-modified Fluorescent Silica Nanoparticles. *Analytical Sciences*, **2018**, 34, 1125-1130	1.7	10
11	Design and Function of Fluorescent Silica Nanoparticles for Bacteria Detection. *Journal of Ion Exchange*, **2018**, 29, 121-125	0.2	4
10	Design of Saccharide Recognition Material Based on Boronic Acid Fluorophore/Cyclodextrin Gel. *Journal of Ion Exchange*, **2018**, 29, 126-130	0.2	3
9	Design and Function of Supramolecular Recognition Systems Based on Guest-Targeting Probe-Modified Cyclodextrin Receptors for ATP. *Journal of Organic Chemistry*, **2017**, 82, 976-981	4.2	27
8	Development of Supramolecular Saccharide Sensors Based on Cyclodextrin Complexes and Self-assembling Systems. *Chemical and Pharmaceutical Bulletin*, **2017**, 65, 318-325	1.9	30
7	Staphylococcus aureusDetection by Fluorescent Silica Nanoparticles Modified with MetalDipicolylamine Complexes. *Chemistry Letters*, **2016**, 45, 749-751	1.7	9
6	Saccharide Recognition Based on Self-Assembly of Amphiphilic Phenylboronic Acid Azoprobes. *Langmuir*, **2016**, 32, 10761-10766	4	13
5	Photocurrent enhancement of porphyrin molecules over a wide-wavelength region based on combined use of silver nanoprisms with different aspect ratios. *Journal of Materials Chemistry C*, **2015**, 3, 11439-11448	7.1	15
4	Protein nanogelation using vitamin B6-bearing pullulan: effect of zinc ions. *Polymer Journal*, **2015**, 47, 201-205	2.7	12

List of Publications

3	The design of phenylboronic acid azoprobe/polyamidoamine dendrimer complexes as supramolecular sensors for saccharide recognition in water. *New Journal of Chemistry*, **2015**, 39, 2620-2626	3.6	21
2	Preparation of Saccharide Exchange Membrane Modified by Phenylboronic Acid Azoprobe/Polyamidoamine (PAMAM) Dendrimer. *Journal of Ion Exchange*, **2014**, 25, 146-150	0.2	5
1	Construction of protein-crosslinked nanogels with vitamin B6 bearing polysaccharide. *Polymer Chemistry*, **2011**, 2, 1267	4.9	27