Yuji Kubo

List of Publications by Year
in descending order

64 papers	3,531 citations	201674 27 h-index	133252 59 g-index
64 all docs	64 docs citations	64 times ranked	4407 citing authors

#	Article	IF	Citations
1	Detection of phosphates in water utilizing a Eu³⁺-mediated relay mechanism. New Journal of Chemistry, 2022, 46, 1839-1844.	2.8	2
2	Nearâ€Infrared Roomâ€Temperature Phosphorescence in Arylselanyl BODIPYâ€Doped Materials. ChemPhotoChem, 2022, 6, .	3.0	4
3	Cover Feature: Nearâ€Infrared Roomâ€Temperature Phosphorescence in Arylselanyl BODIPYâ€Doped Materials (ChemPhotoChem 6/2022). ChemPhotoChem, 2022, 6, .	3.0	0
4	Chemical stimulus-responsive tricyanopyrroline-based ICT chromophore as a potential environment-sensitive probe. Dyes and Pigments, 2021, 185, 108927.	3.7	8
5	Synthesis and triplet sensitization of bis(arylselanyl)BOPHYs; potential application in tripletâ€“triplet annihilation upconversion. New Journal of Chemistry, 2021, 45, 6091-6099.	2.8	4
6	White-Light Emissive Materials Based on Supramolecular Approach. , 2021, , 409-443.		0
7	Room-Temperature Phosphorescence of Thiophene Boronate Ester-Cross Linked Polyvinyl Alcohol; A Triplet-to-Singlet FRET-Induced Multi-Color Afterglow Luminescence with Sulforhodamine B. Bulletin of the Chemical Society of Japan, 2021, 94, 1204-1209.	3.2	15
8	A Fluorescence Sensor Array Based on Zinc(II)â€Carboxyamidoquinolines: Toward Quantitative Detection of ATP**. Chemistry - A European Journal, 2021, 27, 11344-11351.	3.3	13
9	Asymmetrical benzo[a]-fused N2O2-boron-chelated BODIPYs as red to near-infrared absorbing chromophores: synthesis, characteristics and device applications for opto-electronics. Materials Advances, 2021, 2, 1059-1071.	5.4	3
10	A benzofuran[b]-fused BODIPY as an efficient sensitizer for photocatalytic hydrogen production. Sustainable Energy and Fuels, 2021, 5, 3676-3686.	4.9	9
11	Chiral recognition coupled with chemometrics using boronate ensembles containing Dâ€“Ï€â€“A cyanostilbenes. Chemical Communications, 2021, 57, 12952-12955.	4.1	2
12	Boronate solâ€“gel method for one-step fabrication of polyvinyl alcohol hydrogel coatings by simple cast- and dip-coating techniques. RSC Advances, 2020, 10, 86-94.	3.6	10
13	Thieno[1,3,2]oxazaborinine-containing aza-BODIPYs with near infrared absorption bands: synthesis, photophysical properties, and device applications. New Journal of Chemistry, 2020, 44, 29-37.	2.8	8
14	Accurate chiral pattern recognition for amines from just a single chemosensor. Chemical Science, 2020, 11, 3790-3796.	7.4	34
15	Roomâ€Temperature Phosphorescenceâ€active Boronate Particles: Characterization and Ratiometric Afterglowâ€sensing Behavior by Surface Grafting of Rhodamine B. Chemistry - an Asian Journal, 2020, 15, 787-795.	3.3	14
16	Factors influencing the photoelectrochemical device performance sensitized by ruthenium polypyridyl dyes. Dalton Transactions, 2019, 48, 688-695.	3.3	18
17	Ï€-Expanded dibenzo-BODIPY with near-infrared light absorption: Investigation of photosensitizing properties of NiO-based p-type dye-sensitized solar cells. Dyes and Pigments, 2019, 170, 107613.	3.7	19
18	Visible-to-Near-Infrared Light-Driven Photocatalytic Hydrogen Production Using Dibenzo-BODIPY and Phenothiazine Conjugate as Organic Photosensitizer. ACS Applied Energy Materials, 2019, 2, 448-458.	5.1	52

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19	Near-infrared-absorbing Photodetectors Based on Naphtho[1,3,2]oxazaborinine-type Dibenzo-BODIPY Dyes. Chemistry Letters, 2018, 47, 300-303.	1.3	8
20	Boronic acids as molecular inks for surface functionalization of polyvinyl alcohol substrates. New Journal of Chemistry, 2018, 42, 7392-7398.	2.8	8
21	A robust ruthenium complex with nonyl-substituted bpy ligand for dye-sensitized photoelectrochemical cell application. Inorganica Chimica Acta, 2018, 471, 467-474.	2.4	9
22	Formation of emissive nanoparticles from tetraphenylethylene-containing boronate macrocycles: preparation, characterization and functionalization. Journal of Materials Chemistry C, 2018, 6, 11052-11062.	5.5	8
23	Selenium-containing BODIPY dyes as photosensitizers for tripletâ€“triplet annihilation upconversion. Journal of Materials Chemistry C, 2018, 6, 6208-6215.	5.5	29
24	White-light emissive materials based on dynamic polymerization in supramolecular chemistry. Polymer, 2017, 128, 257-275.	3.8	32
25	A Zn2+-coordinated boronate dipyrrin as a chemodosimeter toward hydrogen peroxide. Journal of Materials Chemistry C, 2017, 5, 3684-3691.	5.5	10
26	Surface modification of a polyvinyl alcohol sponge with functionalized boronic acids to develop porous materials for multicolor emission, chemical sensing and 3D cell culture. Chemical Communications, 2017, 53, 3563-3566.	4.1	17
27	A near-infrared organic photosensitizer for use in dye-sensitized photoelectrochemical water splitting. Chemical Communications, 2017, 53, 6784-6787.	4.1	28
28	Fluorescent chirality recognition by simple boronate ensembles with aggregation-induced emission capability. Chemical Communications, 2017, 53, 10144-10147.	4.1	23
29	Synthesis of a dibenzo-BODIPY-incorporating phenothiazine dye as a panchromatic sensitizer for dye-sensitized solar cells. New Journal of Chemistry, 2017, 41, 10367-10375.	2.8	26
30	Quantitative analysis of modeled ATP hydrolysis in water by a colorimetric sensor array. Chemical Communications, 2016, 52, 7838-7841.	4.1	40
31	2,3-Naphtho-Fused BODIPYs as Near-Infrared Absorbing Dyes. Journal of Organic Chemistry, 2016, 81, 1310-1315.	3.2	48
32	Water-dispersible boronate nanoparticles as support materials for noble metals in the hydrogenation of levulinic acid to Î³-valerolactone. Supramolecular Chemistry, 2016, 28, 91-97.	1.2	9
33	Hierarchical supramolecules and organization using boronic acid building blocks. Chemical Communications, 2015, 51, 2005-2020.	4.1	131
34	Thermo-responsive white-light emission based on tetraphenylethylene- and rhodamine B-containing boronate nanoparticles. Chemical Communications, 2015, 51, 118-121.	4.1	44
35	Boronate microparticle-supported nano-palladium and nano-gold catalysts for chemoselective hydrogenation of cinnamaldehyde in environmentally preferable solvents. Green Chemistry, 2014, 16, 3230-3236.	9.0	43
36	Synthesis of a borylated boronâ€“dibenzopyrromethene dye enabling the visual detection of H₂O₂ vapor. RSC Advances, 2014, 4, 37973-37978.	3.6	14

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37	Boronâ€“dibenzopyrromethene-based organic dyes for application in dye-sensitized solar cells. Journal of Materials Chemistry A, 2014, 2, 5204-5211.	10.3	62
38	A boronate hydrogel film containing organized two-component dyes as a multicolor fluorescent sensor for heavy metal ions in water. Journal of Materials Chemistry A, 2014, 2, 15846-15852.	10.3	44
39	White-light emitting boronate microparticles for potential use as reusable bright chemosensors in water. Chemical Communications, 2013, 49, 9869.	4.1	36
40	Exploiting the Reversible Covalent Bonding of Boronic Acids: Recognition, Sensing, and Assembly. Accounts of Chemical Research, 2013, 46, 312-326.	15.6	559
41	Boronate self-assemblies with embedded Au nanoparticles: preparation, characterization and their catalytic activities for the reduction of nitroaromatic compounds. Journal of Materials Chemistry, 2012, 22, 24124.	6.7	67
42	Dansyl-containing boronate hydrogel film as fluorescent chemosensor of copper ions in water. RSC Advances, 2012, 2, 6555.	3.6	37
43	Fabrication of Soft Submicrospheres by Sequential Boronate Esterification and Their Dynamic Behavior. ChemPlusChem, 2012, 77, 201-209.	2.8	26
44	Near-Infrared Absorbing Boron-dibenzopyrromethenes that Serve As Light-Harvesting Sensitizers for Polymeric Solar Cells. Organic Letters, 2011, 13, 4574-4577.	4.6	79
45	Boronic acid building blocks: tools for self assembly. Chemical Communications, 2011, 47, 1124-1150.	4.1	466
46	Boronic acid building blocks: tools for sensing and separation. Chemical Communications, 2011, 47, 1106.	4.1	361
47	Selective anion-induced helical aggregation of chiral amphiphilic polythiophenes with isothiouronium-appended pendants. Supramolecular Chemistry, 2011, 23, 13-18.	1.2	14
48	Synthesis of a new type of dibenzopyrromethenâ€“boron complex with near-infrared absorption property. Tetrahedron Letters, 2010, 51, 1600-1602.	1.4	56
49	Resorcin[4]arene cavitand with 1,3,2-benzodiazaborolyl walls as a fluorescence receptor for ammonium cations. Chemical Communications, 2010, 46, 3604.	4.1	24
50	Molecular Manipulation Based on Allosteric Crown-Appended Units and Related Systems. Journal of Nanoscience and Nanotechnology, 2006, 6, 1489-1509.	0.9	12
51	Fluorescent alizarinâ€“phenylboronic acid ensembles: design of self-organized molecular sensors for metal ions and anions. Journal of Materials Chemistry, 2005, 15, 2889.	6.7	105
52	Detection of anions using a fluorescent alizarinâ€“phenylboronic acid ensemble. Chemical Communications, 2005, , 2846.	4.1	79
53	Effective cation-assisted chirality induction using a dibenzo-diaza-30-crown-10 with bis(zinc(ii)) Tj ETQq1 1 0.784314 rgBT /Overlock 10 http://www.rsc.org/suppdata/cc/b4/b403684k/. Chemical Communications, 2004, , 1394.	4.1	29
54	Chirality induction in a dibenzo-30-crown-10 congener promoted by an ion-pair coordinated self-assembly. New Journal of Chemistry, 2003, 27, 221-223.	2.8	3

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55	Metal Ionically-controlled Optical Signaling Based on a Chromoionophore-derived Calix[4]crown. Supramolecular Chemistry, 2002, 14, 171-177.	1.2	1
56	Metal Ionically-controlled Optical Signaling Based on a Chromoionophore-derived Calix[4]crown. Supramolecular Chemistry, 2002, 14, 461-467.	1.2	0
57	Isothiouronium-derived simple fluorescent chemosensors of anions. Perkin Transactions II RSC, 2002, , 1455.	1.1	65
58	Chirality-Transfer Control Using a Heterotopic Zinc(II) Porphyrin Dimer. Journal of the American Chemical Society, 2001, 123, 12700-12701.	13.7	92
59	Naked-Eye Detectable Chiral Recognition Using a Chromogenic Receptor.. Analytical Sciences, 1998, 14, 183-189.	1.6	22
60	Chromogenic Receptor: from Cation Recognition to Chiral Recognition.. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 1997, 55, 506-516.	0.1	4
61	A New Family of Indoaniline-Derived Calix[4]arenes:Â Synthesis and Optical Recognition Properties as a Chromogenic Receptor1. Journal of Organic Chemistry, 1996, 61, 3758-3765.	3.2	52
62	Colorimetric chiral recognition by a molecular sensor. Nature, 1996, 382, 522-524.	27.8	451
63	Experimental and theoretical study of near-infrared absorbing naphthoquinone methide dyes with a nonplanar geometry. Journal of the American Chemical Society, 1991, 113, 2868-2873.	13.7	42
64	A ratiometric afterglow response of aluminium ions in methanolâ€waterv. Chemistry - an Asian Journal, 0, , .	3.3	1