Tetsuo Kuwabara

List of Publications by Year
in descending order

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46	983	567281 15	434195 31
papers	citations	h-index	g-index

46	46	46	926
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A modified cyclodextrin as a guest responsive colour-change indicator. Nature, 1992, 356, 136-137.	27.8	200
2	Inclusion Complexes and Guest-Induced Color Changes of pH-Indicator-Modified .beta.-Cyclodextrins. The Journal of Physical Chemistry, 1994, 98, 6297-6303.	2.9	89
3	Color Change Indicators for Molecules Using Methyl Red-Modified Cyclodextrins. Analytical Chemistry, 1999, 71, 2844-2849.	6.5	79
4	Synthesis of Viologens with Extended Ï€â^'Conjugation and Their Photochromic Behavior on Near-IR Absorption. Journal of Organic Chemistry, 2000, 65, 593-595.	3.2	71
5	A low-pressure guerbet reaction over magnesium oxide catalyst. Journal of the Chemical Society Chemical Communications, 1990, , 1558.	2.0	68
6	Spontaneous Formation of Poly(p-phenylenevinylene) Nanofiber Yarns through Electrospinning of a Precursor. Macromolecules, 2006, 39, 4276-4278.	4.8	60
7	Phenolphthalein-Modified Î²-Cyclodextrin as a Molecule-Responsive Colorless-to-Color Change Indicator. Journal of Organic Chemistry, 1998, 63, 8729-8735.	3.2	59
8	Condensation of alcohol over solid-base catalyst to form higher alcohols. Catalysis Letters, 1992, 12, 97-104.	2.6	55
9	Classification of DNA-binding mode of antitumor and antiviral agents by the electrochemiluminescence of ruthenium complex. Analytical Biochemistry, 2003, 314, 30-37.	2.4	32
10	Heterodimerization of Dye-Modified Cyclodextrins with Native Cyclodextrins. Journal of Organic Chemistry, 2002, 67, 720-725.	3.2	30
11	Guest-induced colour changes and molecule-sensing abilities of p-nitrophenol-modified cyclodextrins. Journal of the Chemical Society Perkin Transactions II, 1997, , 1705-1710.	0.9	22
12	Photochromism of Viologens Included in Crown Ether CavityÂ¶. Photochemistry and Photobiology, 2001, 73, 469.	2.5	18
13	Hostâ^'Guest Complexation Affected by pH and Length of Spacer for Hydroxyazobenzene-Modified Cyclodextrins. Journal of Physical Chemistry A, 2006, 110, 13521-13529.	2.5	18
14	A novel miniaturized extraction capillary for determining gaseous formaldehyde by high-performance liquid chromatography. Analytical and Bioanalytical Chemistry, 2015, 407, 899-905.	3.7	18
15	Guest-responsive intramolecular charge transfer of viologenâ€"crown ether conjugate. Tetrahedron Letters, 2012, 53, 5099-5101.	1.4	16
16	Color-modulation by Additives for Photochromism of Cyclic Viologen Derivatives. Supramolecular Chemistry, 1998, 10, 121-124.	1.2	14
17	Supramolecular thermochromism of a dye-appended Î²-cyclodextrin. Journal of the Chemical Society Chemical Communications, 1994, , 689-690.	2.0	13
18	A Novel Color-Change Indicator for Molecules. Guest-Induced Color-to-Colorless Change ofp-Nitrophenol-Modified Î²-Cyclodextrin. Chemistry Letters, 1993, 22, 2081-2084.	1.3	12

#	Article	IF	Citations
19	Colorimetric Chemosensor for Barium Metal Ions Using Tris(bipyridiniumâ€“crown ether) Conjugate. Chemistry Letters, 2013, 42, 194-196.	1.3	10
20	Determination of Formaldehyde in Aqueous Samples with a Miniaturized Extraction Capillary Coupled to High-Performance Liquid Chromatography. Analytical Sciences, 2015, 31, 99-103.	1.6	10
21	Synthesis and different molecular recognition of two dye-modified cyclodextrins with spacer of different length. Tetrahedron Letters, 2006, 47, 4433-4436.	1.4	9
22	Highly Selective Tetrakis(bipyridiniumâ€“crown ether)-conjugated Chemosensor for Barium Ions. Chemistry Letters, 2013, 42, 321-323.	1.3	9
23	Synthesis and intramolecular charge transfer of bipyridiniumâ€“crown ether conjugates in response to alkali metal ions. Tetrahedron, 2013, 69, 4081-4087.	1.9	8
24	Determination of Airborne Polycyclic Aromatic Hydrocarbons by HPLC Using SPE-Type Collection Device. Chromatography, 2018, 39, 119-124.	1.7	8
25	A Novel Color-changeable Host for Molecules. Guest-induced Colorless-to-color Change of Phenolphthalein-modified Î²-Cyclodextrin. Supramolecular Chemistry, 1996, 8, 13-15.	1.2	7
26	Catenane and inclusion complex as photochromic compounds involving viologen units. Journal of Photochemistry and Photobiology A: Chemistry, 2013, 269, 59-64.	3.9	5
27	Monocationic ionophores capable of ion-responsive intramolecular charge transfer absorption variation. Tetrahedron, 2016, 72, 1069-1075.	1.9	5
28	Highly selective binding behavior of (diethylamino)coumarin-modified Î²-cyclodextrin with bile acids. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2019, 93, 85-90.	1.6	5
29	Polyethylene Terephthalate Nanofiber Sheet as the Novel Extraction Medium for the Determination of Phthalates in Water Samples. Analytical Sciences, 2020, 36, 277-281.	1.6	5
30	Photochromism of anils having a long alkyl side chain in polymer matrices. Macromolecular Chemistry and Physics, 1996, 197, 575-580.	2.2	4
31	Dispersion of barium titanate and strontium titanate nanocubes and their selective accumulations. Journal of the Ceramic Society of Japan, 2010, 118, 688-690.	1.1	4
32	Ion Sensing by Charge Transfer Absorption Variations of Benzocrown–Bipyridinium Conjugates with an Alkyl Chain. Analytical Sciences, 2015, 31, 23-27.	1.6	4
33	Supramolecular assembly of dye-modified cyclodextrin formed by inclusion of its dye-part in native cyclodextrin. Supramolecular Chemistry, 1996, 7, 235-238.	1.2	3
34	Rapid Communication Effect of Alkali Metal Ions on Photochromic Behavior of Bisviologen-incorporated Oligo-oxyethylene UnitsÂ¶. Photochemistry and Photobiology, 2003, 77, 572.	2.5	3
35	Hyperchromisity and Molecular Recognition of a Novel Modified Î²-Cyclodextrin Tethering with Phenylaminoazobenzene. Analytical Sciences, 2013, 29, 905-909.	1.6	3
36	Exchange Reaction between Methyl Hydrogens of Methanol over Solid-Base Catalysts. Chemistry Letters, 1990, 19, 265-266.	1.3	2

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37	Molecular Dynamics Conformational Search for the Factors that Determine Conformation of Modified Cyclodextrins. Supramolecular Chemistry, 1998, 9, 57-67.	1.2	1
38	FACILE SYNTHESES OFP-(DICYANOMETHYLENE)BENZOQUINONES. Organic Preparations and Procedures International, 1998, 30, 90-93.	1.3	1
39	Photochromism of Viologens Included in Crown Ether CavityÂ¶. Photochemistry and Photobiology, 2007, 73, 469-472.	2.5	1
40	Ion-responsive Intramolecular Charge-transfer Absorption Using a Pyridinium Benzocrown Ether Conjugate. Analytical Sciences, 2015, 31, 1279-1283.	1.6	1
41	Carbon Dioxide Laser Supersonic Drawing Nanofiber Sheet for Extraction of Polycyclic Aromatic Hydrocarbons in Water Samples. Chromatography, 2020, 41, 85-89.	1.7	1
42	Molecular Recognition of Dye-Modified Cyclodextrins with Different Cavity Size. Bunseki Kagaku, 2005, 54, 503-508.	0.2	0
43	Rapid Communication Effect of Alkali Metal Ions on Photochromic Behavior of Bisviologen-incorporated Oligo-oxyethylene Units Â¶. Photochemistry and Photobiology, 2003, 77, 572-575.	2.5	0
44	Molecular Recognition of Indole and Naphthalene Carboxylic Acids with Cyclic and Acyclic Bipyridinium Hosts Based on Charge Transfer Absorption. Bunseki Kagaku, 2012, 61, 221-227.	0.2	0
45	Synthesis and unusual response to potassium of bipyridinium-benzocrown ether conjugate. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 2083-2086.	2.2	0
46	Selective Ca2+ sensing with donor-acceptor conjugate comprising aza-crown ether and pyridinium. Supramolecular Chemistry, 2018, 30, 425-429.	1.2	0