

Kazumasa Funabiki

List of Publications by Year in descending order

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177
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136950

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206
docs citations

206
times ranked

3775
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrodeposition of Inorganic/Organic Hybrid Thin Films. <i>Advanced Functional Materials</i> , 2009, 19, 17-43.	14.9	315
2	Synthesis and Fluorescence Properties of Thiazole-Boron Complexes Bearing a β^2 -Ketoiminate Ligand. <i>Organic Letters</i> , 2012, 14, 4682-4685.	4.6	135
3	Synthesis and Fluorescence Properties of Novel Pyrazine-Boron Complexes Bearing a β^2 -Iminoketone Ligand. <i>Organic Letters</i> , 2011, 13, 6544-6547.	4.6	125
4	Novel thiophene-conjugated indolinedyes for zinc oxide solar cells. <i>New Journal of Chemistry</i> , 2009, 33, 93-101.	2.8	111
5	Synthesis and Fluorescence Properties of a Pyridomethene-BF ₂ Complex. <i>Organic Letters</i> , 2010, 12, 4010-4013.	4.6	106
6	Dye Sensitization of ZnO by Unsymmetrical Squaraine Dyes Suppressing Aggregation. <i>Chemistry Letters</i> , 2006, 35, 666-667.	1.3	105
7	Synthesis and Fluorescence Properties of Pyrimidine Mono- and Bisboron Complexes. <i>Journal of Organic Chemistry</i> , 2013, 78, 7058-7067.	3.2	100
8	The relationship between solid-state fluorescence intensity and molecular packing of coumarin dyes. <i>Dyes and Pigments</i> , 2009, 82, 258-267.	3.7	89
9	Strategy for the increasing the solid-state fluorescence intensity of pyromethene-BF ₂ complexes. <i>Tetrahedron Letters</i> , 2010, 51, 6195-6198.	1.4	86
10	Cathodic Electrodeposition of ZnO/EosinY Hybrid Thin Films from Dye Added Zinc Nitrate Bath and Their Photoelectrochemical Characterizations. <i>Electrochemistry</i> , 2002, 70, 470-487.	1.4	85
11	Strategy to enhance solid-state fluorescence and aggregation-induced emission enhancement effect in pyrimidine boron complexes. <i>Dalton Transactions</i> , 2015, 44, 3326-3341.	3.3	69
12	Efficient Asymmetric Synthesis of β^1 -Trifluoromethyl-Substituted Primary Amines via Nucleophilic 1,2-Addition to Trifluoroacetaldehyde SAMP or RAMP-Hydrazone. <i>Organic Letters</i> , 2001, 3, 1575-1577.	4.6	68
13	Synthesis and properties of bis(hetaryl)azo dyes. <i>Dyes and Pigments</i> , 2003, 57, 77-86.	3.7	68
14	The use of indoline dyes in a zinc oxide dye-sensitized solar cell. <i>Dyes and Pigments</i> , 2009, 80, 233-238.	3.7	68
15	Solvatochromic Fluorescence Properties of Pyrazine-Boron Complex Bearing a β^2 -Iminoenolate Ligand. <i>Journal of Physical Chemistry A</i> , 2014, 118, 8717-8729.	2.5	65
16	Application of near-infrared absorbing heptamethine cyanine dyes as sensitizers for zinc oxide solar cell. <i>Synthetic Metals</i> , 2005, 148, 147-153.	3.9	64
17	Synthesis of a novel heptamethine-cyanine dye for use in near-infrared active dye-sensitized solar cells with porous zinc oxide prepared at low temperature. <i>Energy and Environmental Science</i> , 2011, 4, 2186.	30.8	64
18	Organic dyes containing fluorene-substituted indoline core for zinc oxide dye-sensitized solar cell. <i>RSC Advances</i> , 2012, 2, 2721.	3.6	62

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19	Design of NIR-Absorbing Simple Asymmetric Squaraine Dyes Carrying Indoline Moieties for Use in Dye-Sensitized Solar Cells with Pt-Free Electrodes. <i>Organic Letters</i> , 2012, 14, 1246-1249.	4.6	58
20	Brønsted acid ionic liquid-catalyzed direct benzylation, allylation and propargylation of 1,3-dicarbonyl compounds with alcohols as well as one-pot synthesis of 4H-chromenes. <i>Tetrahedron</i> , 2009, 65, 7457-7463.	1.9	57
21	Highly efficient new indoline dye having strong electron-withdrawing group for zinc oxide dye-sensitized solar cell. <i>Tetrahedron</i> , 2011, 67, 6289-6293.	1.9	50
22	First catalytic asymmetric synthesis of β -amino- β -polyfluoroalkyl ketones via proline-catalysed direct asymmetric carbon-carbon bond formation reaction of polyfluoroalkylated aldimines. <i>Chemical Communications</i> , 2004, , 1928-1929.	4.1	48
23	Organocatalytic Asymmetric Direct Aldol Reactions of Trifluoroacetaldehyde Ethyl Hemiacetal with Aromatic Methyl Ketones. <i>Journal of Organic Chemistry</i> , 2011, 76, 3545-3550.	3.2	46
24	The Use of Trifluoroacetaldehyde Ethyl Hemiacetal or Hydrate in a Simple and Practical Regioselective Synthesis of β -Hydroxy- β -trifluoromethyl Ketones from Enamines and Imines. <i>Journal of Organic Chemistry</i> , 2003, 68, 2853-2860.	3.2	44
25	A Convenient and Regioselective Synthesis of 4-Trifluoromethylpyridines. <i>Synthesis</i> , 1997, 1997, 1321-1324.	2.3	43
26	Substituent effects in a double rhodanine indoline dye on performance of zinc oxide dye-sensitized solar cell. <i>Dyes and Pigments</i> , 2010, 86, 143-148.	3.7	40
27	Novel fluorous prolinol as a pre-catalyst for catalytic asymmetric borane reduction of various ketones. <i>Tetrahedron</i> , 2007, 63, 4061-4066.	1.9	39
28	Comparison of performance between benzoindoline and indoline dyes in zinc oxide dye-sensitized solar cell. <i>Dyes and Pigments</i> , 2011, 91, 145-152.	3.7	37
29	Proline-catalyzed direct asymmetric aldol reaction of trifluoroacetaldehyde ethyl hemiacetal with ketones. <i>Tetrahedron Letters</i> , 2006, 47, 5507-5510.	1.4	36
30	A new expedient route to 2,6-diaryla-3-cyano-4-(trifluoromethyl)pyridines. <i>Journal of Heterocyclic Chemistry</i> , 1998, 35, 805-810.	2.6	33
31	Design and Synthesis of Near-infrared-active Heptamethine-Cyanine Dyes to Suppress Aggregation in a Dye-sensitized Porous Zinc Oxide Solar Cell. <i>Chemistry Letters</i> , 2008, 37, 176-177.	1.3	33
32	Highly efficient substituted triple rhodanine indoline dyes in zinc oxide dye-sensitized solar cell. <i>Tetrahedron</i> , 2010, 66, 7405-7410.	1.9	33
33	Synthesis, Absorption, and Electrochemical Properties of Quinoid-Type Bisboron Complexes with Highly Symmetrical Structures. <i>Organic Letters</i> , 2015, 17, 3174-3177.	4.6	32
34	Optical Properties of Novel 2,3-Dicyano-5-methyl-6H-1,4-diazepine Dyes in the Solid State. <i>Bulletin of the Chemical Society of Japan</i> , 2005, 78, 1167-1173.	3.2	31
35	Application of 9-substituted 3,4-perylenedicarboxylic anhydrides as sensitizers for zinc oxide solar cell. <i>Dyes and Pigments</i> , 2007, 72, 303-307.	3.7	31
36	Near-infrared solid-state fluorescent naphthooxazine dyes attached with bulky dibutylamino and perfluoroalkenyloxy groups at 6- and 9-positions. <i>Tetrahedron Letters</i> , 2009, 50, 1131-1135.	1.4	31

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37	Survey of Enhanced, Thermally Stable, and Soluble Second-Order Nonlinear Optical Azo Chromophores. <i>Bulletin of the Chemical Society of Japan</i> , 2003, 76, 607-612.	3.2	30
38	Application of semisquaric acids as sensitizers for zinc oxide solar cell. <i>Dyes and Pigments</i> , 2006, 70, 48-53.	3.7	30
39	Rational Molecular Design and Synthesis of Highly Thermo- and Photostable Near-Infrared-Absorbing Heptamethine Cyanine Dyes with the Use of Fluorine Atoms. <i>Chemistry - A European Journal</i> , 2016, 22, 12282-12285.	3.3	30
40	Negative solvatochromism of azo dyes derived from (dialkylamino)thiazole dimers. <i>Chemical Communications</i> , 2000, , 753-754.	4.1	28
41	Synthesis of near-infrared absorbing and fluorescing thiophene-fused BODIPY dyes with strong electron-donating groups and their application in dye-sensitized solar cells. <i>New Journal of Chemistry</i> , 2019, 43, 1156-1165.	2.8	28
42	Red solid-state fluorescent aminoperfluorophenazines. <i>Tetrahedron Letters</i> , 2009, 50, 5047-5049.	1.4	25
43	Solid-state fluorescence of squarylium dyes. <i>Tetrahedron</i> , 2012, 68, 1931-1935.	1.9	25
44	Synthesis and Fluorescence Properties of Pyrimidine-Based Diboron Complexes with Donor-Acceptor Structures. <i>Chemistry - A European Journal</i> , 2016, 22, 1816-1824.	3.3	24
45	Synthesis, structure, and UV-VIS absorption spectra of azo dyes derived from (dialkylamino)thiazole dimers. <i>Perkin Transactions II RSC</i> , 2001, , 379-387.	1.1	23
46	Hemiacetal and hemiaminal formation at fluoroacyl moiety. <i>Tetrahedron</i> , 2005, 61, 4671-4677.	1.9	23
47	Synthesis of tris-, tetrakis-, and pentakisazo dyes and their application to guest-host liquid crystal displays. <i>Journal of Materials Chemistry</i> , 1999, 9, 2755-2763.	6.7	22
48	Substituent Effect of 2,3-Dicyanopyrazine Dyes on Solid-State Fluorescence. <i>Bulletin of the Chemical Society of Japan</i> , 2006, 79, 799-805.	3.2	22
49	Effect of anchoring groups on electrochemical self-assembly of ZnO/xanthene dye hybrid thin films. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 10494.	2.8	22
50	Application of benz[c,d]indolenine-based unsymmetrical squaraine dyes to near-infrared dye-sensitized solar cells. <i>Dyes and Pigments</i> , 2017, 141, 457-462.	3.7	22
51	Tandem Intermolecular-Intramolecular Michael Addition of Bifunctional Hetero Nucleophiles to Polyfluoro-2-alkynoic Acids. Facile Synthesis of Polyfluoroalkylated Azaheterocycles. <i>Bulletin of the Chemical Society of Japan</i> , 1994, 67, 3021-3029.	3.2	21
52	An efficient and convenient synthesis of 4-polyfluoroalkylated pyrrole-3-carboxylates through 1,3-dipolar cycloaddition reaction of polyfluoro-2-alkynoic acid esters with munchnones. <i>Journal of Fluorine Chemistry</i> , 1995, 71, 5-7.	1.7	21
53	Enamine-assisted facile generation of trifluoroacetaldehyde from trifluoroacetaldehyde ethyl hemiacetal and its carbon-carbon bond forming reaction leading to 1 ² -hydroxy-1 ² -trifluoromethyl ketones. <i>Chemical Communications</i> , 1998, , 2051-2052.	4.1	21
54	Reactions of polyfluoro-2-alkynoic acids with bifunctional hetero nucleophiles leading to polyfluoroalkylated heterocycles. <i>Journal of Fluorine Chemistry</i> , 1992, 57, 177-190.	1.7	20

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55	Reactions of 1-Substituted-polyfluoro-1-propenyl-p-Toluenesulfonates with Bifunctional Nitrogen Nucleophiles. A New Expedient Access to Monofluorinated Nitrogen Heterocycles. <i>Chemistry Letters</i> , 1995, 24, 239-240.	1.3	20
56	Wide-Range Near-Infrared Sensitizing 1-H-Benzo[c,d]indol-2-ylidene-Based Squaraine Dyes for Dye-Sensitized Solar Cells. <i>Journal of Organic Chemistry</i> , 2018, 83, 4389-4401.	3.2	20
57	Synthesis of azo chromophores containing a perfluorocyclo-alkenyl moiety and their second-order optical nonlinearity. <i>Journal of Fluorine Chemistry</i> , 1999, 97, 207-212.	1.7	19
58	An effective synthesis of trifluoromethyl-substituted 1,4-dihydropyridines with phosphorus oxychloride / pyridine adsorbed on silica gel. <i>Tetrahedron Letters</i> , 1996, 37, 4177-4178.	1.4	18
59	Second-order optical nonlinearity of 6-(perfluoroalkyl)benzothiazolylazo dyes. <i>Dyes and Pigments</i> , 1998, 38, 57-64.	3.7	18
60	A Convenient One-Pot Synthesis of 6-Trifluoromethylpyridines. <i>Heterocycles</i> , 1998, 48, 779.	0.7	18
61	N-Aryl-1,8-naphthalimides as highly sensitive fluorescent labeling reagents for carnitine. <i>Dyes and Pigments</i> , 1999, 43, 235-239.	3.7	18
62	3-Aryl-4-hydroxycyclobut-3-ene-1,2-diones as sensitizers for TiO ₂ solar cell. <i>Dyes and Pigments</i> , 2003, 58, 219-226.	3.7	18
63	Synthesis, Properties, and Application as Emitters in Organic Electroluminescence Devices of Quinacridone- and Squarylium-Dye-Centred Dendrimers. <i>Bulletin of the Chemical Society of Japan</i> , 2006, 79, 170-176.	3.2	18
64	Properties of novel perylene-3,4:9,10-tetracarboxidiimide-centred dendrimers and their application as emitters in organic electroluminescence devices. <i>Dyes and Pigments</i> , 2007, 74, 169-175.	3.7	18
65	Synthesis and Properties of Novel Dichroic Disazo Dyes Containing the Tetrafluoro-p-phenylene Moiety for Guest-Host Liquid Crystal Displays. <i>Chemistry of Materials</i> , 1998, 10, 1921-1930.	6.7	17
66	Fluorescence properties of indolenine semi-squarylium dyes. <i>Tetrahedron</i> , 2012, 68, 9936-9941.	1.9	17
67	Solid-state fluorescence of pyridinium styryl dyes. <i>Dyes and Pigments</i> , 2013, 99, 916-923.	3.7	17
68	Synthesis and fluorescence properties of novel squarylium-boron complexes. <i>Organic Chemistry Frontiers</i> , 2017, 4, 1522-1527.	4.5	17
69	Efficient Generation of Trifluoroacetaldehyde and Successive Reaction with Imines Affording β -Hydroxy- β -trifluoromethyl Ketones. <i>Synlett</i> , 1999, 1999, 1477-1479.	1.8	16
70	Asymmetric Synthesis of Both Enantiomers of β -Trifluoromethyl Substituted Homoallylamine. <i>Synthesis</i> , 2002, 2002, 2585-2588.	2.3	16
71	Practical Asymmetric Synthesis of β -Trichloromethyl- β -hydroxy Ketones by the Reaction of Chloral or Chloral Hydrate with Chiral Imines. <i>Organic Letters</i> , 2003, 5, 2059-2061.	4.6	16
72	Practical asymmetric synthesis of β -hydroxy- β -trifluoromethylated ketones via the first example of the in situ generation of trifluoro-acetaldehyde and its successive asymmetric carbon-carbon bond formation reaction with chiral imines. <i>Chemical Communications</i> , 2004, , 2056-2057.	4.1	16

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73	Highly efficient and stereoselective access to (Z)- β,β -difluoroallyl alcohols and (Z)- β -fluoro- β,β -unsaturated aldehydes based on the reaction of 2,3,3-trifluoro-1-propenyl p-chlorobenzenesulfonate with Grignard reagents. <i>Tetrahedron Letters</i> , 1998, 39, 1913-1916.	1.4	15
74	Efficient and convenient entry to α,α -hydroxy- α,α -trifluoromethyl- α,α -substituted ketones and 2,6-disubstituted 4-trifluoromethylpyridines based on the reaction of trifluoromethyl ketones with enamines or imines. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2001, , 2578-2582.	1.3	15
75	Direct aldol reaction of trifluoroacetaldehyde ethyl hemiacetal with ketones by use of the combination of amines and acids. <i>Tetrahedron</i> , 2006, 62, 5049-5053.	1.9	15
76	Survey of Liquid Coumarin Dyes and Their Fluorescence Properties. <i>Chemistry Letters</i> , 2009, 38, 162-163.	1.3	15
77	Facile generation of polyfluoro-1-(tosyloxy)prop-1-enyllithiums and their reaction with electrophiles. A new, efficient and convenient access to (Z)-1,1-di- and 1,1,1-tri-fluoro-3-(tosyloxy)alk-3-en-2-ones. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1998, , 2413-2424.	0.9	14
78	Ring-fluorinated fluoresceins as an organic photosensitizer for dye-sensitized solar cells using nanocrystalline zinc oxide. <i>Journal of Fluorine Chemistry</i> , 2006, 127, 257-262.	1.7	14
79	Solubility and decomposition temperature of 1,4-bis(arylamino)anthraquinone dyes. <i>Dyes and Pigments</i> , 1999, 40, 21-26.	3.7	13
80	X-ray Crystallography of D149 Ethyl Ester. <i>Bulletin of the Chemical Society of Japan</i> , 2010, 83, 709-711.	3.2	13
81	N-(2-Alkoxyphenyl)-substituted double rhodanine indoline dyes for zinc oxide dye-sensitized solar cell. <i>Tetrahedron</i> , 2012, 68, 4286-4291.	1.9	13
82	Application of novel N-(p-phenylene)-dicyanovinylidene double rhodanine indoline dye for zinc oxide dye-sensitized solar cell. <i>Dyes and Pigments</i> , 2013, 96, 614-618.	3.7	13
83	Improvement of the thermal stability of near-infrared-absorbing heptamethinecyanine dyes by anion-exchange from an iodide to fluorine-containing anions. <i>Journal of Fluorine Chemistry</i> , 2015, 174, 132-136.	1.7	13
84	Thermo- and photo-stable symmetrical benzo[<i>g</i>]indolenyl-substituted heptamethine cyanine dye carrying a tetrakis(pentafluorophenyl)borate that absorbs only near-infrared light over 1000 nm. <i>New Journal of Chemistry</i> , 2019, 43, 7491-7501.	2.8	13
85	A Convenient Synthesis of β,β -Alkoxy carbonyl- β,β -unsaturated Trifluoromethyl Ketones. <i>Chemistry Letters</i> , 1996, 25, 179-179.	1.3	12
86	Fluorescent β,β -Unsaturated Carbonyl Compounds and 2-Methylpyridines. Their Application to a Quantitative Analysis of Carnitine. <i>Bulletin of the Chemical Society of Japan</i> , 1996, 69, 2961-2966.	3.2	12
87	4-(2-Aminoethylamino)-7H-benz[de]benzimidazo[2,1-a]isoquinoline-7-one as a Highly Sensitive Fluorescent Labeling Reagent for Carnitine. <i>Bulletin of the Chemical Society of Japan</i> , 2001, 74, 173-177.	3.2	12
88	An Efficient Synthesis of 1,4-Dihydro-6-trifluoromethylpyridines: A Facile and Useful Method for Dehydration of α -Trifluoromethyl Alcohols by Use of Phosphorous Oxichloride/Pyridine Adsorbed on Silica Gel. <i>Heterocycles</i> , 2006, 68, 2087.	0.7	12
89	Performance of new single rhodanine indoline dyes in zinc oxide dye-sensitized solar cell. <i>Solar Energy Materials and Solar Cells</i> , 2014, 128, 313-319.	6.2	12
90	Convenient, functional group-tolerant, transition metal-free synthesis of aryl and heteroaryl trifluoromethyl ketones with the use of methyl trifluoroacetate. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 913-918.	2.8	12

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91	Application of indoline dyes attached with strongly electron-withdrawing carboxylated indan-1,3-dione analogues linked with a hexylthiophene ring to dye-sensitized solar cells. <i>Tetrahedron</i> , 2018, 74, 3498-3506.	1.9	12
92	Synthesis of near-infrared absorbing and fluorescent bis(pyrrol-2-yl)squaraines and their halochromic properties. <i>Organic Chemistry Frontiers</i> , 2021, 8, 6226-6243.	4.5	12
93	An Efficient and General Entry to (Z)- β -Fluoro- β -substituted Acrylaldehydes Based on the Coupling Reaction of α -Fluoro- β -amino Acrylaldehydes with Organolithium Reagents. <i>Chemistry Letters</i> , 1997, 26, 739-740.	1.3	11
94	Perfluoroalkylsulfonyl-Substituted Azobenzenes as Second-Order Nonlinear Optical Chromophores. <i>Bulletin of the Chemical Society of Japan</i> , 1997, 70, 3153-3158.	3.2	11
95	Simple access to novel β -hydroxy- β -trifluoromethyl imines. <i>Journal of Fluorine Chemistry</i> , 2002, 113, 105-109.	1.7	11
96	Asymmetric Synthesis of (<i>R</i>)-Polyfluoroalkylated Prolinols Based on the Perfluoroalkyl-Induced Highly Stereoselective Reduction of Perfluoroalkyl <i>N</i> -Boc-pyrrolidyl Ketones. <i>Journal of Organic Chemistry</i> , 2008, 73, 4694-4697.	3.2	11
97	Liquid azo dyes. <i>Dyes and Pigments</i> , 2016, 125, 249-258.	3.7	11
98	Aromatic Fluorine-Induced One-Pot Synthesis of Ring-Perfluorinated Trimethine Cyanine Dye and Its Remarkable Fluorescence Properties. <i>Journal of Organic Chemistry</i> , 2019, 84, 4372-4380.	3.2	11
99	Fluoride Ion-Promoted Reaction of Polyfluoro-1-propenylp-Toluenesulfonate with Amines. Highly Efficient and General Access to (Z)- β -Fluoro- β -amino Acrylaldehydes. <i>Chemistry Letters</i> , 1994, 23, 1075-1078.	1.3	10
100	Montmorillonite K 10 (clay) catalyzed hydrolysis of aryl-substituted α,β -difluoroallyl alcohols leading to (Z)- β -fluoro- β -aryl-substituted acrylaldehydes. <i>Tetrahedron</i> , 1999, 55, 4637-4642.	1.9	10
101	Johnson's Claisen rearrangement of β -fluoro- β -(di- or tri-fluoromethyl)allyl alcohols affording stereoselective access to β -fluoro- β -di- or tri-fluoromethylated β,β -unsaturated carboxylic acid esters. <i>Journal of Fluorine Chemistry</i> , 2003, 122, 237-242.	1.7	10
102	Reaction of 2,3-diaminomaleonitrile with diones. <i>Tetrahedron</i> , 2009, 65, 2506-2511.	1.9	10
103	A Direct, Concise, and Enantioselective Synthesis of α,β -Substituted 4,4,4-Trifluorobutane-1,3-diols Based on the Organocatalytic In Situ Generation of Unstable Trifluoroacetaldehyde. <i>Chemistry - an Asian Journal</i> , 2015, 10, 2701-2707.	3.3	10
104	A Convenient Synthesis of Difluoromethyl-Substituted Pyridines. <i>Synlett</i> , 1997, 1997, 591-592.	1.8	9
105	Asymmetric synthesis of β -trifluoromethylated β -amino aldehyde as well as carboxylic acid derivatives using enantiopure α -trifluoromethylated homoallylamine. <i>Journal of Fluorine Chemistry</i> , 2004, 125, 1347-1350.	1.7	9
106	Fluorescence Spectra of 6-Substituted 2,3-Dicyano-5-[4-(diethylamino)styryl]-7-methyl-6H-1,4-diazepines in Solid State. <i>Chemistry Letters</i> , 2004, 33, 170-171.	1.3	9
107	Synthesis of Near-Infrared Fluorescent 2,3-Dicyano-6H-1,4-diazepines. <i>Bulletin of the Chemical Society of Japan</i> , 2005, 78, 316-322.	3.2	9
108	Dyes produced by the reaction of 1,2,3,4-tetrafluoro-9,10-anthraquinones with bifunctional nucleophiles. <i>Dyes and Pigments</i> , 2005, 65, 211-220.	3.7	9

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109	Chiral N-Substituted Perylene-3,4-dicarboximides as Fluorescent Labeling Reagents. <i>Bulletin of the Chemical Society of Japan</i> , 2001, 74, 549-554.	3.2	8
110	Reversal of Diastereoselectivity in Reactions of the Trifluoroacetaldehyde Ethyl Hemiacetal with Enamines and Imines: Metal-Free, Complementary anti- and syn-Selective Synthesis of 4,4,4-Trifluoro-1-aryl-3-hydroxy-2-methyl-1-butanones. <i>Journal of Organic Chemistry</i> , 2011, 76, 285-288.	3.2	8
111	Survey, fluorescence spectra, and solubility of liquid cyanine dyes. <i>New Journal of Chemistry</i> , 2016, 40, 10187-10196.	2.8	8
112	Sodium hydroxide-promoted reaction of 1-substituted 2,3,3-trifluoroprop-1-enyl toluene-p-sulfonates with alcohols. First efficient and convenient access to α -fluoro- β , β -dialkoxy ketones. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1997, , 2679-2680.	0.9	7
113	Asymmetric synthesis of β -hydroxy- β -trifluoromethylated ketones via in situ generation of trifluoroacetaldehyde and its asymmetric carbon-carbon bond formation reaction with chiral imines in aqueous media. <i>Journal of Fluorine Chemistry</i> , 2006, 127, 545-547.	1.7	7
114	Fluorescence properties of novel 6-butyl-2,3-dicyano-7-methyl-6H-1,4-diazepine styryl dyes containing ethyleneglycol units. <i>Tetrahedron</i> , 2010, 66, 9396-9400.	1.9	7
115	Preparation of a novel silica gel-adsorbed Brønsted acid catalyst for the solvent-free esterification of bromoacetic acid with benzyl alcohol. <i>Journal of Molecular Catalysis A</i> , 2013, 367, 116-120.	4.8	7
116	Commercially available simple ionic liquids-promoted dehydrative carbon-carbon bond-forming reaction of diarylmethanols and triarylmethanols with pyrroles, thiophene, furan and indoles. <i>Tetrahedron</i> , 2014, 70, 9245-9252.	1.9	7
117	Effects of the alkyl group in (dialkylamino)perfluorophenazines on the melting point and fluorescence properties. <i>RSC Advances</i> , 2014, 4, 59387-59396.	3.6	7
118	Application of indoline dyes having a carboxylated 1,3-indandione ring linked with thienyl or hexylthienyl ring to dye-sensitized solar cells. <i>Dyes and Pigments</i> , 2017, 147, 50-55.	3.7	7
119	One-Pot Successive Turbo Grignard Reactions for the Facile Synthesis of α -Aryl- β -Trifluoromethyl Alcohols. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 4487-4493.	2.4	7
120	Second-order optical nonlinearity of thiazolylazo chromophores containing hydroxyl groups. <i>Dyes and Pigments</i> , 1998, 37, 283-289.	3.7	6
121	Simple and Efficient Generation of α -Fluoromalonaldehyde from Fluorinated Enol Sulfonate and Its Reaction with Acyl Chlorides Leading to (Z)- β -Acyloxy- α -fluoroacrylaldehydes. <i>Journal of Organic Chemistry</i> , 2000, 65, 606-609.	3.2	6
122	Reaction, identification, and fluorescence of aminoperfluorophenazines. <i>Tetrahedron</i> , 2008, 64, 8830-8836.	1.9	6
123	One-Pot and Reducible-Functional-Group-Tolerant Synthesis of α -Aryl- and α -Heteroaryl- β -Trifluoromethyl Alcohols via Tandem Trifluoroacetylation and MPV Type Reduction. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 5978-5984.	2.4	6
124	Highly Efficient Synthesis of (Z)- α -Fluoro- β -thio Acrylaldehydes by Triethylamine Induced Reactions of Polyfluoro-1-propenyl Benzenesulfonates with Thiols. <i>Synlett</i> , 1996, 1996, 444-444.	1.8	5
125	Synthesis and UV/Vis Absorption Spectra of Novel Azo Dyes Derived from Polyfluoro- and Perfluoroazobenzenes. <i>Bulletin of the Chemical Society of Japan</i> , 2002, 75, 531-536.	3.2	5
126	Synthesis of secondary α -perfluoroalkyl- and tertiary α , α -bis(perfluoroalkyl)-N-methylprolinols and their catalytic activities in the acyl transfer reaction. <i>Journal of Fluorine Chemistry</i> , 2009, 130, 444-448.	1.7	5

#	ARTICLE	IF	CITATIONS
127	High Diastereoselectivity Induced by a Fluorous Alkyl Group in the Asymmetric Michael Reaction of Nitroalkenes Catalyzed by a Prolinol Methyl Ether. <i>Asian Journal of Organic Chemistry</i> , 2013, 2, 1048-1054.	2.7	5
128	Liquid 2-Pyridinium Styryl Dyes having Oxaalkyl Units. <i>Journal of the Japan Society of Colour Material</i> , 2014, 87, 187-191.	0.1	5
129	A Facile Synthesis of 2-Difluoromethyl-6-methylpyridine-3,5-dicarboxylates. <i>Heterocycles</i> , 2008, 75, 2703.	0.7	5
130	Solubility of novel silicon phthalocyanines substituted with polyfluoroalkoxy groups at axial sites. <i>Dyes and Pigments</i> , 2004, 62, 115-119.	3.7	4
131	A Versatile Approach to 2-Substituted 3-Trifluoromethyl-1,3-diols Based on the Reaction of Trifluoroacetaldehyde Ethyl Hemiacetal with Enamines Derived from Aldehydes. <i>Chemistry Letters</i> , 2010, 39, 410-411.	1.3	4
132	Survey of co-adsorbent for DN350 in zinc oxide dye-sensitized solar cell. <i>Dyes and Pigments</i> , 2013, 99, 829-832.	3.7	4
133	Solid-state fluorescence of 6-aryl-9-(dibutylamino)benzo[a]phenoxazin-5-ones. <i>Tetrahedron</i> , 2013, 69, 3410-3414.	1.9	4
134	Application of novel triarylmethane dyes having thienyl, thieno[3,2-b]thienyl, and dithieno[3,2-b:2â€²,3â€²-d]thienyl rings as auxochromes to super acid pH sensors. <i>RSC Advances</i> , 2016, 6, 16759-16765.	3.6	4
135	Synthesis of 1â€²-Trifluoromethylated Propargyl Alcohols by Two Successive Reactions of Cyclopentylmagnesium Bromide in a Oneâ€²Pot Manner. <i>Asian Journal of Organic Chemistry</i> , 2022, 11, e202100700.	2.7	4
136	Novel Chiral Fluorescent Labeling Reagent â€²4-Substituted 7H-benzo[de]benzoimidazo[2,1-a]isoquinolin-7-onesâ€². <i>Bulletin of the Chemical Society of Japan</i> , 2001, 74, 1463-1466.	3.2	3
137	Chiral Fluorescent Labeling Reagent Derived from Rhodamine B for Flurbiprofens. <i>Bulletin of the Chemical Society of Japan</i> , 2003, 76, 1405-1408.	3.2	3
138	Application of Chiral Pyrometheneâ€²BF2Complex Dye as a Fluorescent Labeling Reagent. <i>Bulletin of the Chemical Society of Japan</i> , 2005, 78, 464-467.	3.2	3
139	First asymmetric synthesis of 1â€²-amino-1â€²-trifluoromethylated aldehyde. <i>Journal of Fluorine Chemistry</i> , 2005, 126, 705-707.	1.7	3
140	Catalytic In-Situ Generation of Trifluoroacetaldehyde from Its Hemiacetal and Successive Direct Aldol Reaction with Ketones. <i>ACS Symposium Series</i> , 2007, , 141-154.	0.5	3
141	Synthesis and hydrogenation of (E)-1â€²-aryl-1â€²-morpholino-1â€²-trifluoromethylated allyl alcohols through the reaction of trifluoroacetaldehyde ethyl hemiacetal with enamines. <i>Tetrahedron</i> , 2010, 66, 3283-3289.	1.9	3
142	Asymmetric synthesis of (1â€²S)-polyfluoroalkylated N-Boc-prolinols by the diethyl zinc-induced asymmetric Meerweinâ€²Ponndorfâ€²Verley reduction of perfluoroalkyl N-Boc-pyrrolidyl ketones. <i>Organic Chemistry Frontiers</i> , 2015, 2, 369-371.	4.5	3
143	Efficient and Convenient Route to (Z)-1â€²,1â€²-Unsaturated Difluoromethyl Ketones Based on the Reaction of 2,3,3-Trifluoro-1-tosyloxy-1-propenyllithium with Carbonyl Compounds. <i>Chemistry Letters</i> , 1996, 25, 5-6.	1.3	2
144	A Direct and General Synthesis of 5-Substituted 3-Trifluoromethyl-1,2,4-triazoles via the Three Component Condensation Reaction of Ethyl Trifluoroacetate, Hydrazine and Amidines. <i>Journal of Chemical Research</i> , 1999, 23, 300-301.	1.3	2

#	ARTICLE	IF	CITATIONS
145	TiO ₂ -photocatalyzed Reaction of Azobenzenes to Form 3, 4-Diaryl-1, 3, 4-oxadiazolidines. Journal of the Japan Society of Colour Material, 2002, 75, 106-110.	0.1	2
146	Synthesis and Properties of Unsymmetrical Indamine Dyes Derived from 2,2- ϵ^2 -Bis(dialkylamino)-4,5- ϵ^2 -bithiazoles. Bulletin of the Chemical Society of Japan, 2002, 75, 575-579.	3.2	2
147	Properties of unsymmetrical squarylium dyes containing strongly electron-donating 4- ϵ^2 -amino-2,2- ϵ^2 -bis(diethylamino)-4,5- ϵ^2 -bithiazole residue. Dyes and Pigments, 2003, 57, 165-170.	3.7	2
148	Asymmetric Synthesis of \hat{I}^2 -Trifluoromethylated \hat{I}^2 -Amino Carbonyl Compounds Based on the 1,2-Addition to Trifluoroacetaldehyde SAMP- or RAMP-Hydrazones. ACS Symposium Series, 2007, , 447-461.	0.5	2
149	Cinchonine-catalyzed in situ generation of unstable and gaseous trifluoroacetaldehyde from its hemiacetal and direct aldol reaction with 2-methoxy-1-phenylethanone. Journal of Fluorine Chemistry, 2017, 198, 76-81.	1.7	2
150	Novel indoline dye tetrabutylammonium carboxylates attached with a methyl group on the cyclopentane ring for dye-sensitized solar cells. Tetrahedron, 2018, 74, 5867-5878.	1.9	2
151	Perfluorophenyl-Perfluorophenyl Stacking-Promoted Aggregation-Induced Emission Enhancement of Crystalline 5- ϵ^2 -Aryloxy- ϵ^3 H -Indole. European Journal of Organic Chemistry, 2021, 2021, 1344-1350.	2.4	2
152	Synthesis and fluorescence properties of unsymmetrical 1,4-dihydropyrrolo[3,2-b]pyrrole dyes. New Journal of Chemistry, 2022, 46, 1533-1542.	2.8	2
153	Chromophoric System of Unsymmetrical Indamine Dyes Derived from (Diethylamino)thiazole Dimer. Chemistry Letters, 2001, 30, 856-857.	1.3	1
154	The Use of Trifluoroacetaldehyde Ethyl Hemiacetal or Hydrate in a Simple and Practical Regioselective Synthesis of \hat{I}^2 -Hydroxy- \hat{I}^2 -trifluoromethyl Ketones from Enamines and Imines.. ChemInform, 2003, 34, no.	0.0	1
155	Use of Trifluoroacetaldehyde Ethyl Hemiacetal in a Simple and Practical Synthesis of \hat{I}^2 -Hydroxy- \hat{I}^2 -trifluoromethylated Ketones. ACS Symposium Series, 2005, , 342-355.	0.5	1
156	Near-Infrared Fluorescent 2,3-Dicyanopyrazines. Bulletin of the Chemical Society of Japan, 2007, 80, 999-1003.	3.2	1
157	Synthesis of Small Fluorescent Molecules and Evaluation of Photophysical Properties. Journal of Organic Chemistry, 2020, 85, 1253-1258.	3.2	1
158	Highly diastereo- and enantioselective organocatalytic synthesis of trifluoromethylated erythritols based on the <i>in situ</i> generation of unstable trifluoroacetaldehyde. Organic and Biomolecular Chemistry, 2021, 19, 1296-1304.	2.8	1
159	Synthesis of Various Organofluorine Compounds Using Selective Transformation of Enol Derivatives by Tuning with Fluorine Atoms. Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry, 2004, 62, 607-615.	0.1	1
160	Excellent Photostability of Aromatic Fluorinated Trimethine Cyanine Dyes Carrying a Fluorine-Containing Borate Anion. Journal of the Japan Society of Colour Material, 2020, 93, 274-279.	0.1	1
161	Photostability and Halochromic Properties of Near-Infrared Absorbing Anionic Heptamethine Cyanine Dyes. ChemistrySelect, 2022, 7, .	1.5	1
162	Second-Order Optical Nonlinearity of In Situ Prepared Polyurethanes Having Thiazolylazo Chromophores. Bulletin of the Chemical Society of Japan, 1999, 72, 127-132.	3.2	0

#	ARTICLE	IF	CITATIONS
163	Polyfunctional Thiazolylazo Second-order Nonlinear Optical Chromophores. Journal of the Japan Society of Colour Material, 1999, 72, 150-155.	0.1	0
164	Temporal Stability of Azo Secondorder Nonlinear Optical Chromophores Linked with Perfluorocyclopentenyl Moiety. Journal of the Japan Society of Colour Material, 1999, 72, 489-493.	0.1	0
165	Survey of Enhanced, Thermally Stable, and Soluble Second-Order Nonlinear Optical Azo Chromophores.. ChemInform, 2003, 34, no.	0.0	0
166	Practical Asymmetric Synthesis of β -Trichloromethyl- β -hydroxy Ketones by the Reaction of Chloral or Chloral Hydrate with Chiral Imines.. ChemInform, 2003, 34, no.	0.0	0
167	Johnson's Claisen Rearrangement of β -Fluoro- β -(di- or tri-fluoromethyl)allyl Alcohols Affording Stereoselective Access to β -Fluoro- β -di- or tri-fluoromethylated α,β -Unsaturated Carboxylic Acid Esters.. ChemInform, 2003, 34, no.	0.0	0
168	Synthesis of Various Organofluorine Compounds Using Selective Transformation of Enol Derivatives by Tuning with Fluorine Atoms. ChemInform, 2004, 35, no.	0.0	0
169	Asymmetric Synthesis of β -Trifluoromethylated β -Amino Aldehyde as well as Carboxylic Acid Derivatives Using Enantiopure β -Trifluoromethylated Homoallylamine.. ChemInform, 2004, 35, no.	0.0	0
170	First Catalytic Asymmetric Synthesis of β -Amino- β -polyfluoroalkyl Ketones via Proline-Catalyzed Direct Asymmetric Carbon-Carbon Bond Formation Reaction of Polyfluoroalkylated Aldimines.. ChemInform, 2005, 36, no.	0.0	0
171	Practical Asymmetric Synthesis of β -Hydroxy- β -trifluoromethylated Ketones via the First Example of the in situ Generation of Trifluoroacetaldehyde and Its Successive Asymmetric Carbon-Carbon Bond Formation Reaction with Chiral Imines.. ChemInform, 2005, 36, no.	0.0	0
172	Synthesis of Near-Infrared Fluorescent 2,3-Dicyano-6H-1,4-diazepines.. ChemInform, 2005, 36, no.	0.0	0
173	First Asymmetric Synthesis of β -Amino- β -trifluoromethylated Aldehyde.. ChemInform, 2005, 36, no.	0.0	0
174	Optical Properties of Novel 2,3-Dicyano-5-methyl-6H-1,4-diazepine Dyes in the Solid State.. ChemInform, 2005, 36, no.	0.0	0
175	Resolution of 1,2,3,3a,4,8b-Hexahydrocyclopenta[<i>b</i>]indole via Diastereomeric Salt Formation with <i>N</i> -Tosyl- <i>R</i> -phenylglycine. Chemistry Letters, 2010, 39, 968-969.	1.3	0
176	MCM-41-Supported Linear Alkylamine-Catalyzed In Situ Generation of Unstable Trifluoroacetaldehyde and Successive <i>syn</i> -selective Direct Aldol Reaction with Cyclic Ketones. ChemistrySelect, 2017, 2, 6673-6682.	1.5	0
177	Relationship between Crystal Packing and Solid-State Fluorescence Quantum Yield in Pyrazine Monoboron Complexes. Journal of the Japan Society of Colour Material, 2020, 93, 288-291.	0.1	0