

# Yutaka Ie

## List of Publications by Citations

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g-index

150  
ext. papers

3,211  
ext. citations

6.1  
avg, IF

5.14  
L-index

#	Paper	IF	Citations
131	Ru <sub>3</sub> (CO) <sub>12</sub> -Catalyzed Decarbonylative Cleavage of a C–I Bond of Alkyl Phenyl Ketones. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 8645-8646	16.4	140
130	Ru <sub>3</sub> (CO) <sub>12</sub> -Catalyzed Reaction of Pyridylbenzenes with Carbon Monoxide and Olefins. Carbonylation at a C–H Bond in the Benzene Ring. <i>Journal of Organic Chemistry</i> , <b>1997</b> , 62, 2604-2610	4.2	129
129	Energy Level Modulation of HOMO, LUMO, and Band-Gap in Conjugated Polymers for Organic Photovoltaic Applications. <i>Advanced Functional Materials</i> , <b>2013</b> , 23, 439-445	15.6	125
128	Universal strategy for Ohmic hole injection into organic semiconductors with high ionization energies. <i>Nature Materials</i> , <b>2018</b> , 17, 329-334	27	119
127	Creating Elastic Organic Crystals of $\pi$ -Conjugated Molecules with Bending Mechanofluorochromism and Flexible Optical Waveguide. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 17002-17008	16.4	102
126	Nature of electron transport by pyridine-based tripodal anchors: potential for robust and conductive single-molecule junctions with gold electrodes. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 3014-22	16.4	87
125	Electronegative oligothiophenes based on difluorodioxocyclopentene-annelated thiophenes: synthesis, properties, and n-type FET performances. <i>Organic Letters</i> , <b>2008</b> , 10, 833-6	6.2	76
124	Ru <sub>3</sub> (CO) <sub>12</sub> -Catalyzed Intermolecular Cyclocoupling of Ketones, Alkenes or Alkynes, and Carbon Monoxide. [2 + 2 + 1] Cycloaddition Strategy for the Synthesis of Functionalized $\beta$ -Butyrolactones. <i>Journal of the American Chemical Society</i> , <b>2000</b> , 122, 12663-12674	16.4	76
123	Ruthenium- and rhodium-catalyzed direct carbonylation of the ortho C–H bond in the benzene ring of N-arylpyrazoles. <i>Journal of Organic Chemistry</i> , <b>2004</b> , 69, 4433-40	4.2	72
122	Air-Stable n-Type Organic Field-Effect Transistors Based on Carbonyl-Bridged Bithiazole Derivatives. <i>Advanced Functional Materials</i> , <b>2010</b> , 20, 907-913	15.6	71
121	Electronegative oligothiophenes for n-type semiconductors: difluoromethylene-bridged bithiophene and its oligomers. <i>Organic Letters</i> , <b>2007</b> , 9, 2115-8	6.2	70
120	The ruthenium-catalyzed reductive decarboxylation of esters: catalytic reactions involving the cleavage of acyl-oxygen bonds of esters. <i>Journal of the American Chemical Society</i> , <b>2001</b> , 123, 4849-50	16.4	67
119	Direct carbonylation at a C–H bond in the benzene ring of 2-phenyloxazolines catalyzed by Ru <sub>3</sub> (CO) <sub>12</sub> . Scope, limitations, and mechanistic aspects. <i>Journal of Organic Chemistry</i> , <b>2000</b> , 65, 1475-88	4.2	66
118	Synthesis, Properties, and Photovoltaic Performances of Donor-Acceptor Copolymers Having Dioxocycloalkene-Annelated Thiophenes As Acceptor Monomer Units. <i>Macromolecules</i> , <b>2012</b> , 45, 4564-4571	5.5	55
117	A new benchmark for the non-enzymatic enantioselective acylation of amines: use of a planar-chiral derivative of 4-pyrrolidinopyridine as the acylating agent. <i>Chemical Communications</i> , <b>2000</b> , 119-120	5.8	55
116	The frontiers of quinoidal stability in long oligothiophenes: Raman spectra of dicationic polaron pairs. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 16350-3	16.4	51
115	Electron-Accepting $\pi$ -Conjugated Systems for Organic Photovoltaics: Influence of Structural Modification on Molecular Orientation at Donor-Acceptor Interfaces. <i>Chemistry of Materials</i> , <b>2016</b> , 28, 1705-1713	9.6	49

114	Ru <sub>3</sub> (CO) <sub>12</sub> - and Rh <sub>4</sub> (CO) <sub>12</sub> -Catalyzed Reactions of Pyridylolefins or N-(2-Pyridyl)enamines with CO and Olefins. Carbonylation at Olefinic C=C Bonds. <i>Journal of Organic Chemistry</i> , <b>1998</b> , 63, 5129-5136	4.2	46
113	Completely encapsulated oligothiophenes up to 12-mer. <i>Chemical Communications</i> , <b>2009</b> , 3020-2	5.8	42
112	Air-Stable n-Type Organic Field-Effect Transistors Based on 4,9-Dihydro-s-indaceno[1,2-b:5,6-b']dithiazole-4,9-dione Unit. <i>Chemistry of Materials</i> , <b>2012</b> , 24, 3285-3293	9.6	40
111	Completely encapsulated oligothiophenes: synthesis, properties, and single-molecule conductance. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 11980-4	16.4	40
110	Naphtho[1,2-c:5,6-c']bis[1,2,5]thiadiazole-Containing $\pi$ -Conjugated Compound: Nonfullerene Electron Acceptor for Organic Photovoltaics. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 1161-1168	15.6	37
109	Plasmon-enhanced molecular fluorescence from an organic film in a tunnel junction. <i>Applied Physics Letters</i> , <b>2006</b> , 88, 061901	3.4	36
108	$\pi$ -Extended thiadiazoles fused with thienopyrrole or indole moieties: synthesis, structures, and properties. <i>Journal of Organic Chemistry</i> , <b>2012</b> , 77, 7595-606	4.2	35
107	Convenient Synthesis of Dibenzo[a,h]anthracenes and Picones via C=C Arylation of Acetophenones with Arenediboronates. <i>Chemistry Letters</i> , <b>2011</b> , 40, 300-302	1.7	35
106	Synthesis of dendritic oligothiophenes and their self-association properties by intermolecular pi-pi interactions. <i>Organic Letters</i> , <b>2007</b> , 9, 829-32	6.2	32
105	Electronegative oligothiophenes based on a hexafluorocyclopentene-annelated thiophene unit. <i>Organic Letters</i> , <b>2006</b> , 8, 5381-4	6.2	32
104	Enhanced Photovoltaic Performance of Amorphous Copolymers Based on Dithienosilole and Dioxocycloalkene-annelated Thiophene. <i>Chemistry of Materials</i> , <b>2014</b> , 26, 6971-6978	9.6	30
103	Arenedithiocarboxyimide-containing extended $\pi$ -conjugated systems with high electron affinity. <i>Journal of Materials Chemistry C</i> , <b>2013</b> , 1, 5373	7.1	28
102	Electronegative oligothiophenes fully annelated with hexafluorocyclopentene: synthesis, properties, and intrinsic electron mobility. <i>Organic Letters</i> , <b>2008</b> , 10, 1095-8	6.2	28
101	Perfluoroalkyl-annelated conjugated systems toward n-type organic semiconductors. <i>Pure and Applied Chemistry</i> , <b>2008</b> , 80, 589-597	2.1	28
100	Rhodium-catalyzed C-H/C=O/olefin coupling reactions ? A chelation-assisted direct carbonylation at the ortho C-H bond in the benzene ring of 2-arylpyridines. <i>Canadian Journal of Chemistry</i> , <b>2005</b> , 83, 755-763	9.9	27
99	N-phenyl[60]fulleropyrrolidines: alternative acceptor materials to PC61BM for high performance organic photovoltaic cells. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 20889-20895	13	26
98	Antiaromatic character of cycloheptatriene-bis-annelated indenofluorene framework mainly originated from heptafulvene segment. <i>Scientific Reports</i> , <b>2018</b> , 8, 17663	4.9	26
97	Creating Elastic Organic Crystals of $\pi$ -Conjugated Molecules with Bending Mechanofluorochromism and Flexible Optical Waveguide. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 17248-17254	3.6	26

96	Oligothiophene quinoids containing a benzo[c]thiophene unit for the stabilization of the quinoidal electronic structure. <i>Journal of Materials Chemistry C</i> , <b>2018</b> , 6, 7493-7500	7.1	26
95	Thiophene-based Tripodal Anchor Units for Hole Transport in Single-Molecule Junctions with Gold Electrodes. <i>Journal of Physical Chemistry Letters</i> , <b>2015</b> , 6, 3754-9	6.4	25
94	Short synthesis of alkyl-substituted acenes using carbonyl-directed C-H and C-O functionalization. <i>Organic Letters</i> , <b>2012</b> , 14, 3882-5	6.2	25
93	Electron-transporting oligothiophenes containing dicyanomethylene-substituted cyclopenta[b]thiophene: chemical tuning for air stability in OFETs. <i>Journal of Organic Chemistry</i> , <b>2011</b> , 76, 6604-10	4.2	25
92	Comprehensive Evaluation of Electron Mobility for a Trifluoroacetyl-Terminated Electronegative Conjugated Oligomer. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 17189-17193	3.8	25
91	Synthesis of tripodal anchor units bearing selenium functional groups and their adsorption behaviour on gold. <i>Physical Chemistry Chemical Physics</i> , <b>2009</b> , 11, 4949-51	3.6	25
90	Synthesis of 10-nm scale oligothiophene molecular wires bearing anchor units at both terminal positions. <i>Journal of Organic Chemistry</i> , <b>2007</b> , 72, 2659-61	4.2	25
89	Impact of Noncovalent Sulfur-Fluorine Interaction Position on Properties, Structures, and Photovoltaic Performance in Naphthobisthiadiazole-Based Semiconducting Polymers. <i>Advanced Energy Materials</i> , <b>2020</b> , 10, 1903278	21.8	25
88	A series of extended thiadiazoles fused with electron-donating heteroaromatic moieties: synthesis, properties, and polymorphic crystals. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 3115-28	4.8	24
87	Dendritic oligothiophene bearing perylene bis(dicarboximide) groups as an active material for photovoltaic device. <i>Chemical Communications</i> , <b>2009</b> , 1213-5	5.8	24
86	Air-stable n-type organic field-effect transistors based on solution-processable, electronegative oligomers containing dicyanomethylene-substituted cyclopenta[b]thiophene. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 4750-8	4.8	22
85	Nonfullerene acceptors for P3HT-based organic solar cells. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 18857-18886	13	21
84	Electron-donor function of methanofullerenes in donor-acceptor bulk heterojunction systems. <i>Chemical Communications</i> , <b>2014</b> , 50, 4123-5	5.8	20
83	Three-dimensional electron-accepting compounds containing perylene bis(dicarboximide)s as n-type organic photovoltaic materials. <i>Chemical Communications</i> , <b>2013</b> , 49, 8386-8	5.8	20
82	Synthesis, Properties, and Structures of Difluoromethylene-bridged Coplanar-Terphenyl and Its Aryl-capped Derivatives for Electron-transporting Materials. <i>Chemistry Letters</i> , <b>2007</b> , 36, 1326-1327	1.7	20
81	Three-dimensional conjugated compounds as non-fullerene acceptors in organic photovoltaics: the influence of acceptor unit orientation at phase interfaces on photocurrent generation efficiency. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 3932-3938	13	19
80	Decay of the Exciton in Quaterthiophene-Terminated Alkanethiolate Self-Assembled Monolayers on Au(111). <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 7400-7407	3.8	16
79	Electronegative Oligothiophenes Having Difluorodioxycyclopentene-annulated Thiophenes as Solution-processable n-Type OFET Materials. <i>Chemistry Letters</i> , <b>2009</b> , 38, 460-461	1.7	16

78	Pyradinodithiazole: An Electron-Accepting Monomer Unit for Hole-Transporting and Electron-Transporting Conjugated Copolymers. <i>Organic Letters</i> , <b>2015</b> , 17, 4580-3	6.2	15
77	Highly Planar and Completely Insulated Oligothiophenes: Effects of $\pi$ -Conjugation on Hopping Charge Transport. <i>Journal of Physical Chemistry Letters</i> , <b>2019</b> , 10, 3197-3204	6.4	13
76	Synthesis and properties of a benzo[1,2-b:4,5-b']dithiophene core $\pi$ -system that bears alkyl, alkylthio and alkoxy groups at 3,7-positions. <i>RSC Advances</i> , <b>2013</b> , 3, 12356	3.7	13
75	Solution-processable n-type organic field-effect transistor (OFET) materials based on carbonyl-bridged bithiazole and dioxocyclopentene-annulated thiophenes. <i>Chemistry - an Asian Journal</i> , <b>2011</b> , 6, 2352-61	4.5	13
74	Solution-processed n-type organic field-effect transistors based on electronegative oligothiophenes having fully oxo-substituted terthiophenes. <i>Organic Electronics</i> , <b>2010</b> , 11, 1740-1745	3.5	13
73	Electrical Conductance Measurement of Oligothiophene Molecular Wires Using Nanogap Electrodes Prepared by Electrochemical Plating. <i>Chemistry Letters</i> , <b>2007</b> , 36, 224-225	1.7	13
72	Scanning Tunneling Microscope (STM)-Excited Molecular Fluorescence from Porphyrin Thin Films. <i>Japanese Journal of Applied Physics</i> , <b>2005</b> , 44, L566-L569	1.4	13
71	Fluorinated naphtho[1,2-c:5,6-c']bis[1,2,5]thiadiazole-containing $\pi$ -conjugated compound: synthesis, properties, and acceptor applications in organic solar cells. <i>NPG Asia Materials</i> , <b>2018</b> , 10, 1016-1028	10.3	13
70	Synthesis, Properties, and $\pi$ -Dimer Formation of Oligothiophenes Partially Bearing Orthogonally Fused Fluorene Units. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 16688-95	4.8	12
69	Buckminsterfullerene derivatives bearing a fluoroalkyl group for use in organic photovoltaic cells. <i>Journal of Fluorine Chemistry</i> , <b>2012</b> , 144, 51-58	2.1	12
68	Completely Encapsulated Oligothiophenes: Synthesis, Properties, and Single-Molecule Conductance. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 12186-12190	3.6	12
67	Synthesis, properties, and FET performance of rectangular oligothiophene. <i>Journal of Materials Chemistry</i> , <b>2009</b> , 19, 8169		12
66	Time-resolved electrostatic force microscopy using tip-synchronized charge generation with pulsed laser excitation. <i>Communications Physics</i> , <b>2019</b> , 2,	5.4	11
65	Development of donor-acceptor copolymers based on dioxocycloalkene-annulated thiophenes as acceptor units for organic photovoltaic materials. <i>Polymer Journal</i> , <b>2017</b> , 49, 13-22	2.7	11
64	Functional oligothiophenes toward molecular wires in single-molecular electronics. <i>Pure and Applied Chemistry</i> , <b>2012</b> , 84, 931-943	2.1	11
63	Synthesis and Properties of Polymer Having Electronegative Terthiophene Pendants Based on Cyclopenta[c]thiophene. <i>Chemistry Letters</i> , <b>2011</b> , 40, 1039-1040	1.7	11
62	Quinoidal Oligothiophenes Having Full Benzene Annulation: Synthesis, Properties, Structures, and Acceptor Application in Organic Photovoltaics. <i>Organic Letters</i> , <b>2020</b> , 22, 547-551	6.2	11
61	Effects of fluorine substitution in quinoidal oligothiophenes for use as organic semiconductors. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 3580-3588	7.1	10

60	Photovoltaic performance and charge carrier mobility of dendritic oligothiophene bearing perylene bis(dicarboximide) groups. <i>Synthetic Metals</i> , <b>2009</b> , 159, 797-801	3.6	10
59	N-channel organic field-effect transistors containing carbonyl-bridged bithiazole derivative fabricated using polyfluorene derivatives as solution-processed buffer layers. <i>Organic Electronics</i> , <b>2010</b> , 11, 1886-1890	3.5	10
58	Ambipolar Characteristics of Dendritic Oligothiophene/Fullerene Linkage Molecules. <i>Chemistry Letters</i> , <b>2007</b> , 36, 544-545	1.7	10
57	Electron-Accepting $\pi$ -Conjugated Molecules with Fluorine-Containing Dicyanovinylidene as Terminal Groups: Synthesis, Properties, and Semiconducting Characteristics. <i>Organic Letters</i> , <b>2016</b> , 18, 4320-3	6.2	9
56	Effects of $\pi$ -Conformation between Thiophene Rings on Conductance of Oligothiophenes. <i>Journal of Physical Chemistry Letters</i> , <b>2019</b> , 10, 5292-5296	6.4	9
55	Synthesis of Tripodal-anchor Units Having Pyridine or Amine Functional Groups and Their Adsorption Behavior on Metal Electrodes. <i>Chemistry Letters</i> , <b>2011</b> , 40, 204-205	1.7	9
54	Thieno[3,4-d]imidazolium-containing Molecular Wire: Switching Behavior of Photoinduced Intramolecular Electron Transfer. <i>Chemistry Letters</i> , <b>2006</b> , 35, 1366-1367	1.7	9
53	Tetraalkoxyphenanthrene-Fused Thiadiazoloquinoxalines: Synthesis, Electronic, Optical, and Electrochemical Properties, and Self-Assembly. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 3132-3143	4.2	8
52	Enhanced Photovoltaic Performance of Amorphous Donor-Acceptor Copolymers Based on Fluorine-Substituted Benzodioxocyclohexene-Annulated Thiophene. <i>Advanced Energy Materials</i> , <b>2018</b> , 8, 1702506	21.8	8
51	Low band-gap donor-acceptor copolymers based on dioxocyclopenta[c]thiophene derivatives as acceptor units: synthesis, properties, and photovoltaic performances. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 15000	13	8
50	Synthesis, properties, and photovoltaic characteristics of p-type donor copolymers having fluorine-substituted benzodioxocyclohexene-annulated thiophene. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 19773-19780	13	8
49	Tetraalkoxyphenanthrene-Fused Hexadecahydro[20]- and Tetracosahydro[30]annulenes: Syntheses, Aromaticity/Antiaromaticity, Electronic Properties, and Self-Assembly. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 8882-8896	4.2	8
48	Synthesis of Dibenzo[h,rst]pentaphenes and Dibenzo[fg,qr]pentacenes by the Chemoselective C-O Arylation of Dimethoxyanthraquinones. <i>Organic Letters</i> , <b>2017</b> , 19, 3791-3794	6.2	8
47	Encapsulated oligothiophenes having electron-affinity characteristics. <i>Chemical Communications</i> , <b>2012</b> , 48, 540-2	5.8	8
46	Molecular fluorescence from H2TBP porphyrin film on Ag substrate excited by tunneling electrons. <i>Ultramicroscopy</i> , <b>2006</b> , 106, 785-8	3.1	7
45	Photophysical properties of oligo(2,3-thienyleneethynylene)s. <i>Journal of Physical Chemistry B</i> , <b>2005</b> , 109, 10695-8	3.4	7
44	Effect of substituents on charge carrier dynamics in thiophene oligomers. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2005</b> , 173, 161-168	4.7	7
43	Influence of Terminal Imide Units on Properties and Photovoltaic Characteristics for Benzothiadiazole-based Nonfullerene Acceptors. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , <b>2017</b> , 30, 557-560	0.7	6



42	Fine structures of organic photovoltaic thin films probed by frequency-shift electrostatic force microscopy. <i>Japanese Journal of Applied Physics</i> , <b>2016</b> , 55, 070305	1.4	6
41	Electron-accepting $\pi$ -Conjugated Systems Based on Cyclic Imide and Cyano-substituted Benzothiadiazole for Non-fullerene Organic Photovoltaics. <i>Chemistry Letters</i> , <b>2015</b> , 44, 694-696	1.7	6
40	Synthesis, properties, and n-type transistor characteristics of $\pi$ -conjugated compounds having a carbonyl-bridged thiazole-fused polycyclic system. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 16509-15	4.8	6
39	$\pi$ -Extension of electron-accepting dithiarubicene with a cyano-substituted electron-withdrawing group and application in air-stable n-channel organic field effect transistors. <i>Journal of Materials Chemistry C</i> , <b>2019</b> , 7, 12610-12618	7.1	6
38	Synthesis and Field-Effect Transistor Application of $\pi$ -Extended Lactam-Fused Conjugated Oligomers obtained by Tandem Direct Arylation. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 14137-14145	4.8	6
37	Solution-processable n-Type Semiconducting Materials Containing a Carbonyl-bridged Thiazole-fused $\pi$ -System. <i>Chemistry Letters</i> , <b>2014</b> , 43, 1640-1642	1.7	5
36	Branched polythiophene as a new amorphous semiconducting polymer for an organic field-effect transistor. <i>Semiconductor Science and Technology</i> , <b>2011</b> , 26, 034004	1.8	5
35	N-type Semiconducting Polymers Based on Dicyano Naphthobisthiadiazole: High Electron Mobility with Unfavorable Backbone Twist. <i>Chemistry of Materials</i> , <b>2021</b> , 33, 2218-2228	9.6	5
34	Improving Intramolecular Hopping Charge Transport via Periodical Segmentation of $\pi$ -Conjugation in a Molecule. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 599-603	16.4	5
33	A Thiazole-fused Antiaromatic Compound Containing an s-Indacene Chromophore with a High Electron Affinity. <i>Chemistry Letters</i> , <b>2018</b> , 47, 1534-1537	1.7	5
32	Small Structural Changes in the Alkyl Substituents of Macrocyclic $\pi$ -Extended Thiophene Oligomers Causes a Key Effect on Their Stacking and Functional Properties. <i>ChemPlusChem</i> , <b>2019</b> , 84, 694-703	2.8	4
31	Reduction of Ethynylenes to Vinylenes in a Macrocyclic $\pi$ -Extended Thiophene Skeleton Under McMurry Coupling Conditions. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 302-309	4.2	4
30	Excited states engineering enables efficient near-infrared lasing in nanographenes. <i>Materials Horizons</i> , <b>2021</b> ,	14.4	4
29	Naphtho[1,2-:5,6-']bis[1,2,5]thiadiazole-Based Nonfullerene Acceptors: Effect of Substituents on the Thiophene Unit on Properties and Photovoltaic Characteristics. <i>ACS Omega</i> , <b>2018</b> , 3, 5814-5824	3.9	4
28	Synthesis, properties, and semiconducting characteristics of electron-transporting three-dimensional $\pi$ -conjugated compounds containing dicyanomethylene-substituted difluorocyclopenta[b]thiophene. <i>Journal of Fluorine Chemistry</i> , <b>2015</b> , 174, 75-80	2.1	3
27	Development of Electron-transporting Conjugated Oligomers Based on Fluorination Reactions and Their Application to Organic Field-effect Transistors. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , <b>2008</b> , 66, 504-514	0.2	3
26	Correlation between the Dipole Moment of Nonfullerene Acceptors and the Active Layer Morphology of Green-Solvent-Processed P3HT-Based Organic Solar Cells. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 19013-19022	8.3	3
25	Oligoene and cyanine features of tetracyano quinoidal oligothiophenes. <i>Journal of Materials Chemistry C</i> , <b>2021</b> , 9, 10727-10740	7.1	3

24	Influence of the perfluoroalkyl chain length in buckminsterfullerene derivatives for the field-effect transistor performances. <i>Journal of Fluorine Chemistry</i> , <b>2017</b> , 193, 52-57	2.1	2
23	Characterization of Si etching with N-fluoropyridinium salt. <i>Current Applied Physics</i> , <b>2012</b> , 12, S29-S32	2.6	2
22	Single-Molecule Conductance of a $\pi$ -Hybridized Tripodal Anchor while Maintaining Electronic Communication. <i>Small</i> , <b>2021</b> , 17, e2006709	11	2
21	Influence of molecular distortion on the exciton quenching for quaterthiophene-terminated self-assembled monolayers on Au(111). <i>Surface Science</i> , <b>2018</b> , 669, 160-168	1.8	2
20	Deviation from Point Dipole Analysis for Exciton Quenching in Quaterthiophene-Terminated Self-Assembled Monolayers on Au(111). <i>Journal of Physical Chemistry C</i> , <b>2019</b> , 123, 16127-16136	3.8	1
19	Inside Cover: Completely Encapsulated Oligothiophenes: Synthesis, Properties, and Single-Molecule Conductance (Angew. Chem. Int. Ed. 50/2011). <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 11806-11806	16.4	1
18	Physical Properties, Charge Carrier Mobility, and Photovoltaic Performance of Dendritic Oligothiophene Bearing Naphthalene Bis(dicarboximide) Groups. <i>Japanese Journal of Applied Physics</i> , <b>2010</b> , 49, 01AC03	1.4	1
17	Design and Development of New Functional Units towards Single-Molecule Electronics. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , <b>2016</b> , 74, 676-688	0.2	1
16	Synthesis, Properties, and Photovoltaic Performance of Copolymers Based on Difluorodioxocyclopentene-Annulated Thiophene. <i>Japanese Journal of Applied Physics</i> , <b>2012</b> , 51, 10NC08 <sup>1.4</sup>	1.4	1
15	Synthesis, Properties, and Photovoltaic Characteristics of Donor-Acceptor Copolymers Based on Tetrafluoro-Substituted Benzodioxocyclohexene-Annulated Thiophene. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , <b>2018</b> , 31, 145-150	0.7	1
14	Synthesis and Properties of Novel Organic Components Toward Molecular Architectonics. <i>Advances in Atom and Single Molecule Machines</i> , <b>2017</b> , 513-539	0	1
13	Synthesis, Properties, and Photovoltaic Performance of a Donor-Acceptor Copolymer Having Pyradinobisthiazole as the Acceptor Unit. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , <b>2016</b> , 29, 571-574	0.7	1
12	Development of an Electron-Transporting $\pi$ -Conjugated Polymer Containing Fluorine-substituted Naphthobisthiadiazole. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , <b>2019</b> , 32, 721-725	0.7	1
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