Masashi Hasegawa

List of Publications by Year
in descending order

79	1,789	257450 24	289244 40
papers	citations	h-index	g-index

89	89	89	1515
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bi-TTF, Bis-TTF, and Related TTF Oligomers. Chemical Reviews, 2004, 104, 5085-5114.	47.7	187
2	Conducting supramolecular nanofibers and nanorods. Chemical Society Reviews, 2010, 39, 2420.	38.1	165
3	Synthesis of Tris(tetrathiafulvaleno)dodecadehydro- [18]annulenes and Their Self-Assembly. Organic Letters, 2006, 8, 1917-1920.	4.6	93
4	Synthesis, Structures, and Photophysical Properties of Ï€-Expanded Oligothiophene 8-mers and Their Saturn-Like C₆₀ Complexes. Journal of the American Chemical Society, 2015, 137, 3877-3885.	13.7	69
5	Hexagonally Ordered Nanostructures Comprised of a Flexible Disk-like Molecule with High Self-Assembling Properties at Neutral and Cationic States. Journal of the American Chemical Society, 2007, 129, 3072-3073.	13.7	67
6	Circularly Polarized Luminescence in Chiral Ï€â€Conjugated Macrocycles. ChemPhotoChem, 2021, 5, 1042-1058.	3.0	60
7	Self-assembly and Nanostructure Formation of Multi-functional Organic Ï€-Donors. Chemistry Letters, 2007, 36, 1402-1407.	1.3	59
8	Stereogenic cyclic oligonaphthalenes displaying ring size-dependent handedness of circularly polarized luminescence (CPL). Chemical Communications, 2019, 55, 2749-2752.	4.1	58
9	Multifunctional Ï€-Expanded Macrocyclic Oligothiophene 6-Mers and Related Macrocyclic Oligomers. Journal of the American Chemical Society, 2014, 136, 2389-2396.	13.7	56
10	Face-to-Face Dimeric Tetrathiafulvalenes and Their Cation Radical and Dication Species as Models of Mixed Valence and Ï€-Dimer States. Bulletin of the Chemical Society of Japan, 2012, 85, 51-60.	3.2	54
11	Synthesis of biphenylenes and tetraphenylenes using copper-catalyzed coupling of arylzinc intermediates. Journal of the Chemical Society, Perkin Transactions 1, 2001, , 159-165.	1.3	45
12	Macrocyclic Oligothiophene with Stereogenic [2.2]Paracyclophane Scaffolds: Chiroptical Properties from Ï€â€Transannular Interactions. Chemistry - A European Journal, 2017, 23, 3267-3271.	3.3	45
13	Aggregation of star-shaped tris(tetrathiafulvalenylethynyl) benzene in solution and in the solid state. Tetrahedron Letters, 2004, 45, 4109-4112.	1.4	40
14	Small Figureâ€Eight Luminophores: Doubleâ€Twisted Tethered Cyclic Binaphthyls Boost Circularly Polarized Luminescence. Chemistry - A European Journal, 2021, 27, 5923-5929.	3.3	37
15	Effects of Molecular Association in the Radical-Cations of 1,8-Bis(ethylenedithiotetrathiafulvalenyl)naphthalene. Chemistry Letters, 2001, 30, 1146-1147.	1.3	36
16	Dimeric Tetrathiafulvalene Linked to pseudoâ€orthoâ€ [2.2]Paracyclophane: Chiral Electrochromic Properties and Use as a Chiral Dopant. Chemistry - an Asian Journal, 2014, 9, 2751-2754.	3.3	34
17	Tetrathiafulvalenylallene: A New Class of Donor Molecules Having Strong Chiroptical Properties in Neutral and Doped States. Organic Letters, 2011, 13, 4688-4691.	4.6	33
18	Dinuclear Tripleâ€Stranded Helicates Composed of Tetradentate Ligands with Aluminum(III) Chromophores: Optical Resolution and Multiâ€color Circularly Polarized Luminescence Properties. Angewandte Chemie - International Edition, 2021, 60, 2614-2618.	13.8	33

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19	Mono- and bis(tetrathiafulvaleno)hexadehydro[12]annulenesElectronic supplementary information (ESI) available: cyclic voltammograms of the annulenes 1 and 2. See http://www.rsc.org/suppdata/cc/b4/b407200f/. Chemical Communications, 2004, , 2042.	4.1	30
20	Dimeric and Trimeric Tetrathiafulvalenes with Strong Intramolecular Interactions in the Oxidized States. Organic Letters, 2011, 13, 3122-3125.	4.6	30
21	Circularly Polarized Luminescence of a Stereogenic Curved Paraphenylene Anchoring a Chiral Binaphthyl in Solution and Solid State. Chemistry - A European Journal, 2021, 27, 1323-1329.	3.3	30
22	Intramolecular Charge Interaction in the Radical Cations and Dications of Conjugated Tetrathiafulvalene Dimers. Chemistry Letters, 2002, 31, 590-591.	1.3	28
23	Efficient Synthesis, Structure, and Complexation Studies of Electronâ€Donating Thiacalix[n]dithienothiophene. Angewandte Chemie - International Edition, 2015, 54, 2734-2738.	13.8	27
24	Electroactive Nanowires Based on Simple 4,5-Bis(dodecylthio)- and 4,5-Bis(octadecylthio)-4â€²,5â€²-bis(methoxycarbonyl)tetrathiafulvalenes. Chemistry Letters, 2007, 36, 720-721.	1.3	25
25	Synthesis, Structure, Optical, and Electrochemical Properties of Tripleâ€•and Quadrupleâ€Decker Coâ€facial Tetrathiafulvalene Arrays. Chemistry - A European Journal, 2016, 22, 10090-10101.	3.3	22
26	Synthesis and electrical conductivity of perchlorate-doped TTFâ€“diamide nanofibers with double and triple helix structures. Journal of Materials Chemistry, 2010, 20, 10817.	6.7	20
27	Chiroptical Properties of Oligophenylenes Anchoring with Stereogenic [2.2]Paracyclophane. Chemistry Letters, 2019, 48, 640-643.	1.3	20
28	Star-shaped tetrathiafulvalene oligomers towards the construction of conducting supramolecular assembly. Beilstein Journal of Organic Chemistry, 2015, 11, 1596-1613.	2.2	19
29	Synthesis and Electroconductive Properties of Radical Salts Derived from Tetrathiafulvalene Dimers. Journal of Solid State Chemistry, 2002, 168, 597-607.	2.9	18
30	Magnetic Alignment in Solid State and Temperature Hysteresis in Aqueous Tetrahydrofuran Solution for Tetrathiafulvaleno[18]annulenes. ChemPhysChem, 2009, 10, 2607-2611.	2.1	18
31	Synthesis and chiroptical properties of stereogenic cyclic dimers based on 2,2â€²-biselenophene and [2.2]paracyclophane. Organic and Biomolecular Chemistry, 2019, 17, 8822-8826.	2.8	18
32	Chiroptical properties of 1,3-diphenylallene-anchored tetrathiafulvalene and its polymer synthesis. Beilstein Journal of Organic Chemistry, 2015, 11, 972-979.	2.2	17
33	Helical Oligophenylene Linked with [2.2]Paracyclophane: Stereogenic Ï€â€Conjugated Dye for Highly Emissive Chiroptical Properties. Chemistry - A European Journal, 2021, 27, 16225-16231.	3.3	17
34	Synthesis and Nanostructures of Cyclic Triphenylene Trimers Having Long Alkyl and Alkoxy Sideâ€Chains. Chemistry - an Asian Journal, 2011, 6, 2940-2945.	3.3	15
35	Self-Assembly, Chromic Properties, and Nanostructure Formation of Tetrathiafulvalene-Fused Dodecadehydro[18]annulenes. Bulletin of the Chemical Society of Japan, 2012, 85, 1120-1137.	3.2	14
36	Synthesis and Properties of New Trimeric and Tetrameric Tetrathiafulvalenes with Alternate Links. Chemistry Letters, 2011, 40, 883-885.	1.3	12

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37	Antiaromaticity of Planar Bisdehydro[12]- and Tetrakisdehydro[16]annulenes Fused with Dithieno[3,4-b:3â€²,4â€²-d]thiophenes. Organic Letters, 2018, 20, 3426-3429.	4.6	12
38	Synthesis and Electrochromic Properties of Bis(2-tetrathiafulvalenylethynylphenyl)ethynes. Heterocycles, 2009, 77, 837.	0.7	12
39	Synthesis and Electronic Structure of Dicyanofulvene-Fused Electron Accepting Molecule Based on a 1,5-Dihydro-s-Indacene Framework. Organic Letters, 2014, 16, 5608-5611.	4.6	11
40	Synthesis, Optical Resolution, and Circularly Polarized Luminescence of an Axially Chiral Porphyrin Dimer. ChemistrySelect, 2018, 3, 3576-3581.	1.5	11
41	Selenacalix[4]dithienothiophene: Synthesis, Structure, and Complexation of a Cyclic Tetramer of Selenideâ€Bridging Dithienothiophene. Chemistry - an Asian Journal, 2019, 14, 1647-1650.	3.3	10
42	Straightforward Synthesis, Electrochemical Properties, and Gel Formation of Thiacalix[n]thiophenes. Chemistry - an Asian Journal, 2016, 11, 674-677.	3.3	9
43	Facile Synthesis of Thiacalix[n]thiophene Derivatives. Synlett, 2016, 27, 2407-2415.	1.8	9
44	Ï€-Extended Tetrathiafulvalene Analogue with Dicyano Dihydro-s-indacene Core Leading to Facile Oxidation, Metallic Luster, and Solvatochromic Properties. Chemistry Letters, 2017, 46, 964-967.	1.3	9
45	Reversible Color and Shape Changes of Nanostructured Fibers of a Macrocyclic Ï€-Extended Thiophene Hexamer Promoted by Adsorption and Desorption of Organic Vapor. Journal of the American Chemical Society, 2020, 142, 13662-13666.	13.7	9
46	Synthesis of bitetrathiafulvalenes with FeCl3-mediated homo-coupling of tetrathiafulvalenylmagnesium bromide and formation of nanostructures from bitetrathiafulvalenes having long alkylthio chains. Tetrahedron Letters, 2010, 51, 679-682.	1.4	8
47	Chiroptical Properties and the Racemization of Pyrene and Tetrathiafulvalene-Substituted Allene: Substitution and Solvent Effects on Racemization in Tetrathiafulvalenylallene. Molecules, 2014, 19, 2829-2841.	3.8	8
48	Selenacalix[4]selenophene: Synthesis, Structure, and Gel Formation of Cyclic Selenoether of Selenophene. Organic Letters, 2020, 22, 3755-3758.	4.6	8
49	Reduction of Ethynylenes to Vinylenes in a Macrocyclic Ï€-Extended Thiophene Skeleton Under McMurry Coupling Conditions. Journal of Organic Chemistry, 2021, 86, 302-309.	3.2	8
50	Dinuclear Tripleâ€Stranded Helicates Composed of Tetradentate Ligands with Aluminum(III) Chromophores: Optical Resolution and Multiâ€color Circularly Polarized Luminescence Properties. Angewandte Chemie, 2021, 133, 2646-2650.	2.0	8
51	Supramolecular Structures and Nanoassemblies of Tetrathiafulvalene Oligomers. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2008, 66, 1211-1222.	0.1	6
52	Synthesis and electronic structure of highly electron-accepting radiaannulene and its reduced species. Tetrahedron Letters, 2012, 53, 5385-5388.	1.4	6
53	Pyridazine-3,6-diol-annulated Tetrathiafulvalene: Self-assembly and Fiber Formation Triggered by Diamine Addition. Chemistry Letters, 2015, 44, 448-450.	1.3	6
54	Chiroptical and Redox Properties of a Tetrathiafulvalene Analogue with an Inserted Spiro Framework. Chemistry Letters, 2018, 47, 989-992.	1.3	6

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55	Circularly Polarized Luminescence of a Stereogenic Curved Paraphenylene Anchoring a Chiral Binaphthyl in Solution and Solid State. Chemistry - A European Journal, 2021, 27, 1164-1164.	3.3	6
56	Molecular and Electronic Structure of Distannine-fused Tetrathiafulvalene Dimer and Its Cationic Species. Chemistry Letters, 2014, 43, 592-594.	1.3	5
57	Efficient Synthesis, Structure, and Complexation Studies of Electronâ€Donating Thiacalix[n]dithienothiophene. Angewandte Chemie, 2015, 127, 2772-2776.	2.0	5
58	Small Structural Changes in the Alkyl Substituents of Macrocyclic Ï€â€Extended Thiophene Oligomers Causes a Key Effect on Their Stacking and Functional Properties. ChemPlusChem, 2019, 84, 694-703.	2.8	5
59	Synthesis, properties, and CT complex formation of highly polarized thiocyanotetrathiafulvalenes. Journal of Sulfur Chemistry, 2009, 30, 301-308.	2.0	4
60	Synthesis of a Trinuclear Tropoloneâ€“Palladium(II) Macrocycle and Its C60 Inclusion Properties. Chemistry Letters, 2014, 43, 1710-1712.	1.3	4
61	Pentadecaphenylenes: synthesis, self-assembly and complexation with fullerene C₆₀. Organic Chemistry Frontiers, 2017, 4, 882-890.	4.5	4
62	Oxidation of a Dithieno[3,4â€•b :3â€²,4â€²â€•d]thiophene Cyclic Dimer Containing a Planar Cyclooctatetraene Ring: Retention of High Antiaromaticity During Reactions. ChemPlusChem, 2019, 84, 704-711.	2.8	4
63	Self-Assembly of Radially Ï€-Extended Tetrathiafulvalene Tetramers for Visible and Near Infrared Electrochromic Nanofiber. Bulletin of the Chemical Society of Japan, 2020, 93, 154-162.	3.2	4
64	Dinuclear Triple-Stranded Helicates Comprising Al(III), Ga(III), or In(III) and a Hydrazine-Linked Bisiminopyrrolyl Ligand: Synthesis, Structure, Optical Resolution, and Chiroptical Properties. Bulletin of the Chemical Society of Japan, 2021, 94, 573-578.	3.2	4
65	Synthesis, Structures and Properties of [n]Dendralenes Substituted with Electron-Donating Groups. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2013, 71, 1268-1281.	0.1	4
66	10-Mesityl-1,8-diphenylanthracene Dimer: Synthesis, Structure, and Properties. Journal of Organic Chemistry, 2018, 83, 3857-3863.	3.2	3
67	Tetrathiafulvalene Dimer Merged with a Binuclear Ring of Sn and Sb: Synthesis and Molecular Structures Induced by Heteroatoms. European Journal of Inorganic Chemistry, 2018, 2018, 4084-4092.	2.0	3
68	Small Figureâ€Eight Luminophores: Doubleâ€Twisted Tethered Cyclic Binaphthyls Boost Circularly Polarized Luminescence. Chemistry - A European Journal, 2021, 27, 5834-5834.	3.3	3
69	Synthesis and structure of bis(ethylenedioxy)â€1,4,5,8â€tetraselenanaphthalene. Heteroatom Chemistry, 2018, 29, .	0.7	2
70	Hydration of Polycationic [5]Radialene with Quintuple 1,3â€Dithiolâ€2â€ylidenes Leads to a New Class of Ï€â€Extended Tetrathiafulvalene Scaffold. Chemistry - A European Journal, 2019, 25, 4984-4991.	3.3	2
71	Effect of Cooling Rate on Vitrifaction of Condensed Sodium Phosphate Melts. Journal of the Ceramic Association Japan, 1972, 80, 251-257.	0.2	1
72	Synthesis and Properties of Thienylene-Ethynylene-Tetrathiafulvalene Oligomers. Phosphorus, Sulfur and Silicon and the Related Elements, 2010, 185, 1061-1067.	1.6	1

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73	Electron Spectroscopy of Ultrathin Cycloalkane Films on Graphite (0001): Molecular Orbitals, Conformation, and Orientation. Chemistry Letters, 2013, 42, 1048-1050.	1.3	1
74	Ï€-Extended Dimeric Dicyanofulvene: A New Class of Electron-accepting Molecule. Chemistry Letters, 2016, 45, 250-252.	1.3	1
75	Synthesis, structures, and properties of 2,5-dianthrylthiophene derivatives. Canadian Journal of Chemistry, 2017, 95, 286-291.	1.1	1
76	Thiacalix[n]thiophene and thiacalix[n]dithienothiophene: Facile synthesis, molecular structures, and complexation with C₆₀ and C₇₀. Phosphorus, Sulfur and Silicon and the Related Elements, 2019, 194, 756-759.	1.6	1
77	Dancing with Sulfur: Simple Preparation and Properties ofThiacalix[n]thiophene Derivatives. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2020, 78, 1066-1075.	0.1	1
78	Chalcogenacalix[4]dithienoselenophene: Synthesis and Properties of Cyclic Thio- and Selenoether of Dithienoselenophene. Bulletin of the Chemical Society of Japan, 2022, 95, 628-633.	3.2	1
79	Transformation of Alkatetrayne Monolayers into Nanoflatcables Studied by Ultraviolet Photoelectron Spectroscopy and Metastable Atom Electron Spectroscopy. Journal of Physical Chemistry C, 2019, 123, 17781-17797.	3.1	0