

# Toshiyasu Suzuki

## List of Publications by Year in descending order

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91  
papers

8,497  
citations

41344

49  
h-index

42399

92  
g-index

96  
all docs

96  
docs citations

96  
times ranked

5706  
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly efficient phosphorescence from organic light-emitting devices with an exciton-block layer. <i>Applied Physics Letters</i> , 2001, 79, 156-158.	3.3	783
2	Perfluoropentacene: High-Performance p-n Junctions and Complementary Circuits with Pentacene. <i>Journal of the American Chemical Society</i> , 2004, 126, 8138-8140.	13.7	695
3	Selective and Random Syntheses of [n]Cycloparaphenylenes (n = 8–13) and Size Dependence of Their Electronic Properties. <i>Journal of the American Chemical Society</i> , 2011, 133, 8354-8361.	13.7	445
4	Systematic Inflation of Buckminsterfullerene C60: Synthesis of Diphenyl Fullerenes C61 to C66. <i>Science</i> , 1991, 254, 1186-1188.	12.6	324
5	Color Tunable Organic Light-Emitting Diodes Using Pentafluorophenyl-Substituted Iridium Complexes. <i>Advanced Materials</i> , 2003, 15, 1455-1458.	21.0	260
6	Dihydrofulleroid H3C61: synthesis and properties of the parent fulleroid. <i>Journal of the American Chemical Society</i> , 1992, 114, 7301-7302.	13.7	252
7	Redox Properties of Organofullerenes. <i>Journal of the American Chemical Society</i> , 1994, 116, 1359-1363.	13.7	232
8	Tetrabenzo[8]circulene: Aromatic Saddles from Negatively Curved Graphene. <i>Journal of the American Chemical Society</i> , 2013, 135, 14074-14077.	13.7	203
9	Tetradecafluorosexithiophene: The First Perfluorinated Oligothiophene. <i>Journal of the American Chemical Society</i> , 2001, 123, 4643-4644.	13.7	181
10	Impact of Perfluorination on the Charge-Transport Parameters of Oligoacene Crystals. <i>Journal of the American Chemical Society</i> , 2009, 131, 1502-1512.	13.7	174
11	Oligo(2,6-anthrylene)s: Acene Oligomer Approach for Organic Field-Effect Transistors. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 1159-1162.	13.8	172
12	Perfluorinated Oligo(p-Phenylene)s: Efficient n-Type Semiconductors for Organic Light-Emitting Diodes. <i>Journal of the American Chemical Society</i> , 2000, 122, 10240-10241.	13.7	171
13	Bis(ethylenedioxy)tetrathiafulvalene: the first oxygen substituted tetrathiafulvalene. <i>Journal of the American Chemical Society</i> , 1989, 111, 3108-3109.	13.7	163
14	[3 + 2] and [4 + 2] Cycloadditions of fullerene C60. <i>Journal of the American Chemical Society</i> , 1993, 115, 1594-1595.	13.7	163
15	Synthesis, Characterization, and Electron-Transport Property of Perfluorinated Phenylene Dendrimers. <i>Journal of the American Chemical Society</i> , 2000, 122, 1832-1833.	13.7	163
16	Adsorption-Induced Intramolecular Dipole: Correlating Molecular Conformation and Interface Electronic Structure. <i>Journal of the American Chemical Society</i> , 2008, 130, 7300-7304.	13.7	152
17	Energetic preference in 5,6 and 6,6 ring junction adducts of C60: fullerenes and methanofullerenes. <i>Journal of the American Chemical Society</i> , 1993, 115, 8479-8480.	13.7	151
18	Electrochemical properties of fullerene lanthanides. <i>Tetrahedron</i> , 1996, 52, 4973-4982.	1.9	142

#	ARTICLE	IF	CITATIONS
19	The Effect of Fluorination on Pentacene/Gold Interface Energetics and Charge Reorganization Energy. <i>Advanced Materials</i> , 2007, 19, 112-116.	21.0	139
20	Synthesis and physical properties of a ball-like three-dimensional $\pi$ -conjugated molecule. <i>Nature Communications</i> , 2013, 4, 2694.	12.8	139
21	Synthesis of m-phenylene- and p-phenylenebis(phenylfulleroids): two-pearl sections of pearl necklace polymers. <i>Journal of the American Chemical Society</i> , 1992, 114, 7300-7301.	13.7	138
22	Electrochemistry and Ab Initio Study of the Dimetallofullerene La <sub>2</sub> @C <sub>80</sub> . <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 1094-1096.	4.4	138
23	Synthesis, Characterization, and Properties of [4]Cyclo[2,7]pyrenylene: Effects of Cyclic Structure on the Electronic Properties of Pyrene Oligomers. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6430-6434.	13.8	138
24	Organic Thin-Film Transistors with High Electron Mobility Based on Perfluoropentacene. <i>Japanese Journal of Applied Physics</i> , 2005, 44, 3663-3668.	1.5	134
25	Optical properties of pentacene and perfluoropentacene thin films. <i>Journal of Chemical Physics</i> , 2007, 127, 194705.	3.0	131
26	Characterization of the Isolated Y@C <sub>82</sub> . <i>Journal of the American Chemical Society</i> , 1994, 116, 9367-9368.	13.7	119
27	Selective Synthesis and Crystal Structure of [10]Cycloparaphenylene. <i>Organic Letters</i> , 2012, 14, 3284-3287.	4.6	119
28	Relative electron donor strengths of tetrathiafulvene derivatives: effects of chemical substitutions and the molecular environment from a combined photoelectron and electrochemical study. <i>Journal of the American Chemical Society</i> , 1990, 112, 3302-3307.	13.7	117
29	Isolation and Characterization of an ESR-Active La@C <sub>82</sub> Isomer. <i>The Journal of Physical Chemistry</i> , 1994, 98, 12831-12833.	2.9	105
30	Electrochemical properties of La@C <sub>82</sub> . <i>Journal of the American Chemical Society</i> , 1993, 115, 11006-11007.	13.7	103
31	Isolation and characterization of two Pr@C <sub>82</sub> isomers. <i>Chemical Physics Letters</i> , 2000, 319, 153-156.	2.6	102
32	Synthesis of the First Adducts of the Dimetallofullerenes La <sub>2</sub> @C <sub>80</sub> and Sc <sub>2</sub> @C <sub>84</sub> by Addition of a Disilirane. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 2139-2141.	4.4	100
33	Selective Synthesis of [6]-, [8]-, and [10]Cycloparaphenylenes. <i>Chemistry Letters</i> , 2013, 42, 621-623.	1.3	100
34	Experimental evidence for segregated ring currents in C <sub>60</sub> . <i>Journal of the American Chemical Society</i> , 1993, 115, 7876-7877.	13.7	92
35	Electrochemical Evidence for Through-Space Orbital Interactions in Spiromethanofullerenes. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 1591-1594.	4.4	92
36	(BEDO) <sub>2</sub> .4I <sub>3</sub> : the first robust organic metal of BEDO-TTF. <i>Journal of the American Chemical Society</i> , 1990, 112, 2461-2462.	13.7	91

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37	Exohedral derivatization of an endohedral metallofullerene Gd@C82. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 1343.	2.0	86
38	Structural Order in Perfluoropentacene Thin Films and Heterostructures with Pentacene. <i>Langmuir</i> , 2008, 24, 7294-7298.	3.5	85
39	Quinone-Type Methanofullerene Acceptors: Precursors for Organic Metals. <i>Journal of Organic Chemistry</i> , 1996, 61, 1306-1309.	3.2	67
40	Perfluoropentacene and Perfluorotetracene: Syntheses, Crystal Structures, and FET Characteristics. <i>Molecular Crystals and Liquid Crystals</i> , 2006, 444, 225-232.	0.9	67
41	Structure, morphology, and growth dynamics of perfluoropentacene thin films. <i>Physica Status Solidi - Rapid Research Letters</i> , 2008, 2, 120-122.	2.4	67
42	Chemical Reactivity of a Metallofullerene: EPR Study of Diphenylmethano-La@C82 Radicals. <i>Journal of the American Chemical Society</i> , 1995, 117, 9606-9607.	13.7	66
43	Tetracyclo(2,7-carbazole)s: Diatropicity and Paratropicity of Inner Regions of Nanohoops. <i>Journal of Organic Chemistry</i> , 2016, 81, 3356-3363.	3.2	58
44	Stereoselective Selenolactonization by Superelectrophilic Benzeneselenenyl Triflate. <i>Chemistry Letters</i> , 1987, 16, 849-852.	1.3	57
45	Photochemical Bissilylation of C60 with Disilane. <i>Journal of Organic Chemistry</i> , 1999, 64, 566-569.	3.2	57
46	Photooxygenative partial ring cleavage of bis(fulleroid): synthesis of a novel fullerene derivative with a 12-membered ring. <i>Tetrahedron Letters</i> , 2001, 42, 895-897.	1.4	55
47	Organic Light-Emitting Diodes Using Multifunctional Phosphorescent Dendrimers with Iridium-Complex Core and Charge-Transporting Dendrons. <i>Japanese Journal of Applied Physics</i> , 2005, 44, 4151-4154.	1.5	54
48	Synthesis, Characterization, and Properties of [4]Cyclo[2,7]pyrenylene: Effects of Cyclic Structure on the Electronic Properties of Pyrene Oligomers. <i>Angewandte Chemie</i> , 2014, 126, 6548-6552.	2.0	54
49	Experimental Reorganization Energies of Pentacene and Perfluoropentacene: Effects of Perfluorination. <i>Journal of Physical Chemistry C</i> , 2013, 117, 22428-22437.	3.1	53
50	Ligand-Controlled Synthesis of [3]- and [4]Cyclo[9,9]dimethyl[2,7]fluorenes through Triangle- and Square-Shaped Platinum Intermediates. <i>Chemistry - A European Journal</i> , 2015, 21, 18939-18943.	3.3	48
51	Stereoselective formation of tetrahydrofuran and -pyran by benzeneselenenyl triflate. <i>Tetrahedron Letters</i> , 1987, 28, 4415-4416.	1.4	39
52	Evidence of spontaneous magnetic order in the C60 complex with tetrakis (dimethylamino) ethylene. <i>Chemical Physics Letters</i> , 1994, 223, 517-520.	2.6	39
53	Elektrochemische und ab-initio-Untersuchung des Dimetallofullerens La <sub>2</sub> @C <sub>80</sub> . <i>Angewandte Chemie</i> , 1995, 107, 1228-1230.	2.0	38
54	Organic thin-film transistors based on anthracene oligomers. <i>Journal of Applied Physics</i> , 2004, 95, 5795-5799.	2.5	38

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55	Effect of Fluorination on the Molecular Packing of Perfluoropentacene and Pentacene Ultrathin Films on Ag (111). <i>Journal of Physical Chemistry C</i> , 2010, 114, 9356-9361.	3.1	35
56	Cyclization of olefinic alcohol by benzeneselenenyl triflate. <i>Tetrahedron Letters</i> , 1987, 28, 4297-4298.	1.4	33
57	Syntheses of dibenzo[ <i>c,e</i> ][1,2]diselenin and related novel chalcogenide heterocyclic compounds. <i>Journal of Heterocyclic Chemistry</i> , 1991, 28, 433-438.	2.6	30
58	High-mobility bottom-contact thin-film transistor based on anthracene oligomer. <i>Organic Electronics</i> , 2008, 9, 921-924.	2.6	28
59	A First Photochemical Bis-germylation of C <sub>60</sub> with Digermirane. <i>Organic Letters</i> , 2000, 2, 2671-2674.	4.6	27
60	Preparation and structure of a novel methano[60]fullerene containing a stable P-ylid. <i>Tetrahedron Letters</i> , 1997, 38, 3529-3530.	1.4	26
61	Chemical reactivities of endohedral metallofullerenes. <i>Journal of Physics and Chemistry of Solids</i> , 1997, 58, 1779-1783.	4.0	25
62	A Novel Photorearrangement of a Cyclohexadiene Derivative of C <sub>60</sub> . <i>Organic Letters</i> , 2002, 4, 1217-1220.	4.6	25
63	Silylation of higher fullerenes Electronic supplementary information (ESI) available: Experimental Section. See <a href="http://www.rsc.org/suppdata/jm/b2/b201118b/">http://www.rsc.org/suppdata/jm/b2/b201118b/</a> . <i>Journal of Materials Chemistry</i> , 2002, 12, 2061-2064.	6.7	23
64	Perfluorinated and Half-Fluorinated Rubrenes: Synthesis and Crystal Packing Arrangements. <i>Journal of Organic Chemistry</i> , 2017, 82, 8111-8116.	3.2	23
65	Cyclization of terpene alcohols and related polyenols by benzeneselenenyl triflate. <i>Tetrahedron Letters</i> , 1990, 31, 6535-6538.	1.4	22
66	Synthesis, Structure, and Transport Property of Perfluorinated Oligofluorenes. <i>Chemistry - A European Journal</i> , 2008, 14, 4472-4474.	3.3	21
67	Optical properties of fully and partially fluorinated rubrene in films and solution. <i>Applied Physics Letters</i> , 2013, 102, 013308.	3.3	21
68	Synthese der ersten Addukte der Dimetallofullerene La <sub>2</sub> @C <sub>80</sub> und Sc <sub>2</sub> @C <sub>84</sub> durch Addition eines Disilirans. <i>Angewandte Chemie</i> , 1995, 107, 2303-2304.	2.0	20
69	Widely Dispersed Intermolecular Valence Bands of Epitaxially Grown Perfluoropentacene on Pentacene Single Crystals. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 1312-1318.	4.6	17
70	Synthesis and Characterization of Three Novel Perfluoro-oligothiophenes Ranging in Length from the Trimer to the Pentamer. <i>Journal of Physical Chemistry B</i> , 2005, 109, 20737-20745.	2.6	16
71	Electrochemical properties of fullerenolanthanides. <i>Synthetic Metals</i> , 1995, 70, 1443-1446.	3.9	15
72	Photochemical bis-silylation of C <sub>60</sub> : synthesis of a novel C <sub>60</sub> main chain polysilane. <i>Journal of Organometallic Chemistry</i> , 2000, 611, 78-84.	1.8	15

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73	Magnetic and electrical behaviors of C60(TDAE) single crystal. <i>Solid State Communications</i> , 1995, 96, 253-257.	1.9	14
74	Properties and crystal structure of perfluoro-1,4,5,6-tetrahydro-2H-pyridine. <i>Synthetic Metals</i> , 2003, 133-134, 361-363.	3.9	14
75	Interface Dipole and Growth Mode of Partially and Fully Fluorinated Rubrene on Au(111) and Ag(111). <i>Journal of Physical Chemistry C</i> , 2015, 119, 6769-6776.	3.1	13
76	Perfluoro-1,3,5-tris(p-oligophenyl)benzenes: Amorphous Electron-Transport Materials with High-Glass-Transition Temperature and High Electron Mobility. <i>Journal of Solid State Chemistry</i> , 2002, 168, 470-473.	2.9	11
77	Selective Intramolecular Oxyselenenylation of Olefinic Alcohols and Carboxylic Acids by Using Organic Cyanoselenides in the Presence of Metal Triflates. <i>Heterocycles</i> , 2000, 52, 621.	0.7	9
78	Stereoselective Cyclization of 4-Substituted 5-Hexenals and Related Compounds by Benzeneselenenyl Triflate. <i>Liebigs Annalen Der Chemie</i> , 1994, 1994, 901-909.	0.8	8
79	Moderately Oxidizing Thioxanthylum Organophotoredox Catalysts for Radical-Cation Diels-Alder Reactions. <i>Journal of Organic Chemistry</i> , 2022, 87, 3319-3328.	3.2	6
80	Correlations between Substituent Effects and Catalytic Activities: A Quantitative Approach for the Development of Halogen-Bonding-Driven Anion-Binding Catalysts. <i>ChemPlusChem</i> , 2021, 86, 913-919.	2.8	5
81	Organic metals of bis(ethylenedioxy)tetrathiafulvalene (BEDO-TTF). <i>Synthetic Metals</i> , 1991, 42, 2225-2228.	3.9	4
82	Excited states of perfluorinated oligo(p-phenylene) by inner-shell excitation. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2003, 199, 265-269.	1.4	4
83	Electronic Properties of Fullerenes. <i>Molecular Crystals and Liquid Crystals</i> , 1997, 296, 357-364.	0.9	3
84	Perfluorination of tetracene: effects on the optical gap and electron-acceptor properties. An electrochemical, theoretical DFT, and Raman spectroscopic study. , 2006, , .		3
85	Brønsted Acid-Initiated Formal [1,3]-Rearrangement Dictated by $\beta^2$ -Substituted Ene-Aldimines. <i>Organic Letters</i> , 2019, 21, 4991-4995.	4.6	3
86	Computational Studies on Reaction Mechanisms and Origin of Stereoselectivity in the [1,3]-Rearrangement of Ene-Aldimines. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 2205-2212.	2.7	3
87	The Synthesis of 10-[Spiro[6,6]C60]-Anthrone: A Microscale Reaction of Fullerene. <i>Journal of Chemical Education</i> , 1996, 73, A105.	2.3	2
88	Chiral Counteranion-Directed Catalytic Asymmetric Methylene Migration Reaction of Ene-Aldimines. <i>Journal of Organic Chemistry</i> , 2022, 87, 9399-9407.	3.2	2
89	Isolation and Characterization of Two Esr-Active La@C82 Isomers. <i>Materials Research Society Symposia Proceedings</i> , 1994, 359, 137.	0.1	1
90	Highly Efficient Multifunctional Phosphorescent Dendrimers Consisting of an Iridium-Complex Core and Charge-Transporting Dendrons for Organic Light-Emitting Devices. <i>Materials Research Society Symposia Proceedings</i> , 2005, 871, 1.	0.1	1

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91	Occupied and Unoccupied Levels of Half-Fluorinated and Perfluorinated Rubrene Thin Films Probed by One- and Two-Photon Photoemission. <i>Journal of Physical Chemistry C</i> , 2020, 124, 12409-12416.	3.1	1