

# Yoriko Sonoda

## List of Publications by Year in descending order

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49  
papers

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516561

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docs citations

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times ranked

920  
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#	ARTICLE	IF	CITATIONS
1	Chain-Length-Dependent Photophysical Properties of $\hat{\Lambda}_{\pm, \text{D}}$ -Di(4-pyridyl)polyenes: Effects of Solvent Polarity, Hydrogen Bond Formation, Protonation, and N-Alkylation. <i>Journal of Fluorescence</i> , 2022, 32, 95-108.	1.3	4
2	Triplet-triplet annihilation photon upconversion from diphenylhexatriene and ring-substituted derivatives in solution. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 11520-11526.	1.3	4
3	Singlet Fission in Solid 1,6-Diphenyl-1,3,5-hexatriene Dicarboxylic Acids and Esters: Effects of <i>Meta</i> and <i>Para</i> Substitution. <i>Journal of Physical Chemistry C</i> , 2022, 126, 8742-8751.	1.5	7
4	Growth and characterization of melem hydrate crystals with a hydrogen-bonded heptazine framework. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 13922-13934.	1.3	7
5	Crystal Structures and Fluorescence Spectroscopic Properties of a Series of $\hat{\Lambda}_{\pm, \text{D}}$ -Di(4-pyridyl)polyenes: Effect of Aggregation-Induced Emission. <i>ChemPlusChem</i> , 2020, 85, 1968-1980.	1.3	3
6	Solid-state one-way photoisomerisation of Z,E-Z-1,6-(4,4-diphenyl)hexa-1,3,5-triene dicarboxylate examined using higher-order derivative spectra and powder XRD patterns. <i>Photochemical and Photobiological Sciences</i> , 2018, 17, 271-280.	1.6	5
7	Diffusion-Mediated Delayed Fluorescence by Singlet Fission and Geminate Fusion of Correlated Triplets. <i>Journal of Physical Chemistry C</i> , 2018, 122, 11659-11670.	1.5	13
8	Structure and dynamics of triplet-exciton pairs generated from singlet fission studied via magnetic field effects. <i>Communications Chemistry</i> , 2018, 1, .	2.0	26
9	Structures and Fluorescence Properties for the Crystals, Powders, and Thin Films of Dithienylhexatrienes: Effects of Positional Isomerism. <i>Crystal Growth and Design</i> , 2018, 18, 6477-6487.	1.4	5
10	Absorption and fluorescence solvatochromic behaviors of centrosymmetric D-D molecules with TTF/dimethylamino electron donors and polyenic $\hat{\Lambda}$ -bridge. <i>Journal of Luminescence</i> , 2017, 187, 352-359.	1.5	11
11	Optically pumped lasing in solution-processed perovskite semiconducting materials: Self-assembled Fabry-Pérot microcavity. <i>Japanese Journal of Applied Physics</i> , 2017, 56, 04CL07.	0.8	12
12	Singlet Fission in Fluorinated Diphenylhexatrienes. <i>Journal of Physical Chemistry C</i> , 2017, 121, 25666-25671.	1.5	29
13	Emission behavior of trifluoromethyl bis-styrylbenzene derivative. <i>Japanese Journal of Applied Physics</i> , 2016, 55, 022101.	0.8	17
14	Optical pumped lasing in solution processed perovskite semiconducting materials: Self-assembled microdisk lasing. <i>Japanese Journal of Applied Physics</i> , 2016, 55, 04ES02.	0.8	18
15	Halogenated (F, Cl, Br, or I) Diphenylhexatrienes: Crystal Structures, Fluorescence Spectroscopic Properties, and Quantum Chemical Calculations. <i>Crystal Growth and Design</i> , 2016, 16, 4060-4071.	1.4	18
16	Crystal Structures and Fluorescence Spectroscopic Properties of Cyano-Substituted Diphenylhexatrienes. <i>Crystal Growth and Design</i> , 2014, 14, 4781-4789.	1.4	18
17	Fluorescence Properties of <i>E,E,E</i> -1,6-Di( <i>n</i> -naphthyl)-1,3,5-hexatriene ( <i>n</i> = 1, 2): Effects of Internal Rotation. <i>Journal of Physical Chemistry A</i> , 2013, 117, 566-578.	1.1	13
18	The Mutual Separation of Rare Earth Elements Utilizing the Reaction of Corresponding Complexes Coordinated by Tris(2-aminoethyl)amine with 3-Ethoxysalicylaldehyde. <i>Waste and Biomass Valorization</i> , 2012, 3, 451-458.	1.8	1

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19	Intermolecular CH $\cdots$ O hydrogen bonds in formyl-substituted diphenylhexatriene, a [2+2] photoreactive organic solid: Crystal structure and IR, NMR spectroscopic evidence. <i>Journal of Molecular Structure</i> , 2011, 1006, 366-374.	1.8	12
20	Solid-State [2+2] Photodimerization and Photopolymerization of $\beta$ , $\gamma$ -Diarylpolyene Monomers: Effective Utilization of Noncovalent Intermolecular Interactions in Crystals. <i>Molecules</i> , 2011, 16, 119-148.	1.7	107
21	Fluorescence Spectroscopic Properties of Nitro-Substituted Diphenylpolyenes: Effects of Intramolecular Planarization and Intermolecular Interactions in Crystals. <i>Journal of Physical Chemistry A</i> , 2010, 114, 172-182.	1.1	50
22	[2+2] Photodimerization and photopolymerization of diphenylhexatriene crystals utilizing perfluorophenyl $\cdots$ phenyl stacking interactions. <i>Journal of Fluorine Chemistry</i> , 2009, 130, 151-157.	0.9	33
23	(Z,E,Z)-1,6-Di-1-naphthylhexa-1,3,5-triene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o294-o294.	0.2	0
24	Fluorinated Diphenylpolyenes: Crystal Structures and Emission Properties. <i>Journal of Physical Chemistry A</i> , 2007, 111, 13441-13451.	1.1	68
25	Four (E,Z,E)-1-(4-alkoxyphenyl)-6-(4-nitrophenyl)hexa-1,3,5-trienes. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2007, 63, o196-o200.	0.4	1
26	Fluorescence Spectroscopic Properties and Crystal Structure of a Series of Donor $\cdots$ Acceptor Diphenylpolyenes. <i>Journal of Physical Chemistry A</i> , 2006, 110, 13379-13387.	1.1	49
27	(E,E,E)-1,6-Bis(4-nitrophenyl)hexa-1,3,5-triene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, o1200-o1202.	0.2	0
28	Crystalline-State Z,E-Photoisomerization of a Series of (Z,E,Z)-1,6-Diphenylhexa-1,3,5-triene 4,4 $\cdots$ Dicarboxylic Acid Dialkyl Esters. Chain Length Effects on the Crystal Structure and Photoreactivity $\cdots$ . <i>Journal of Organic Chemistry</i> , 2005, 70, 9755-9763.	1.7	32
29	Two-Dimensional $^1$ H Spin-Exchange NMR Study of Molecular Arrangements in Diphenylhexatrienes. <i>Bulletin of the Chemical Society of Japan</i> , 2004, 77, 2159-2164.	2.0	4
30	(E,E,E)-1,6-Bis(2,4-dichlorophenyl)hexa-1,3,5-triene. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003, 59, o311-o313.	0.4	4
31	Fluorescence Spectra for the Microcrystals and Thin Films of <i>trans,trans,trans</i> -1,6-Diphenyl-1,3,5-hexatrienes. <i>Journal of Physical Chemistry B</i> , 2003, 107, 3376-3383.	1.2	40
32	Solvent-dependent <i>cis-trans</i> Photoisomerization of <i>p</i> -Methoxy- <i>p</i> $^2$ -nitro-substituted <i>trans,trans,trans</i> -1,6-Diphenyl-1,3,5-hexatriene. <i>Chemistry Letters</i> , 2003, 32, 978-979.	0.7	6
33	[2+2]- Photocycloadditions in the Solid State. , 2003, , .		0
34	Solvent effects on the photophysical and photochemical properties of (E,E,E)-1,6-bis(4-nitrophenyl)hexa-1,3,5-triene. <i>Perkin Transactions II RSC</i> , 2001, , 308-314.	1.1	22
35	Intermolecular [2+2] Photocycloaddition of Formyl- and Cyano-Substituted Diphenylhexatrienes in the Solid State. <i>Chemistry Letters</i> , 2001, 30, 410-411.	0.7	13
36	A Heavy-Atom Effect on the <i>cis-trans</i> Photoisomerization of Bisformyl-Substituted <i>trans,trans,trans</i> -1,6-Diphenyl-1,3,5-hexatriene. <i>Chemistry Letters</i> , 1999, 28, 587-588.	0.7	6

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37	Substituent Effect on the cis-trans Photoisomerization of trans,trans,trans-1,6-Diphenyl-1,3,5-hexatrienes. <i>Chemistry Letters</i> , 1998, 27, 349-350.	0.7	13
38	Preparation and Nonlinear Optical Properties of Poly(2,5-diheptyl-1,4-phenylenehexa-1,3,5-trienylene). <i>Macromolecules</i> , 1996, 29, 288-293.	2.2	9
39	Stereoselective Z,E-photoisomerization of formyl-substituted (E,E,E)-1,6-diphenylhexa-1,3,5-triene in solution. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1996, , 401.	0.9	8
40	Solvent-Dependent cis-trans One-Way Photoisomerization of Bisformyl-Substituted 1,6-Diphenyl-1,3,5-hexatriene. <i>Chemistry Letters</i> , 1996, 25, 659-660.	0.7	8
41	Experimental and Theoretical Studies of the Electronic Structure of Poly(p-phenylenevinylene) and Some Ring-Substituted Derivatives. <i>Macromolecules</i> , 1995, 28, 1959-1965.	2.2	65
42	Preparation of p-phenylene-3,3'-bis(1-allyltetrahydrothiophenium) dibromide and its reactions in basic solution. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1994, , 317-321.	0.9	3
43	Interface formation between poly(2,5-diheptyl-p-phenylenevinylene) and calcium: implications for light-emitting diodes. <i>Synthetic Metals</i> , 1994, 67, 133-136.	2.1	62
44	Preparation and properties of poly(1,4-phenylenevinylene) derivatives. <i>Synthetic Metals</i> , 1993, 55, 918-923.	2.1	6
45	Preparation of all-trans-(1,4-phenylenehexa-1,3,5-trienylene) oligomers. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1993, , 1147.	0.9	8
46	Preparation of Poly(2,5-diheptyl-1,4-phenylenevinylene) by Sulfonium Salt Pyrolysis. <i>Bulletin of the Chemical Society of Japan</i> , 1992, 65, 853-857.	2.0	31
47	Preparation and properties of poly(p-phenylene-1,3,5-hexatrienylene). <i>Polymer</i> , 1992, 33, 2437-2442.	1.8	16
48	Reactivities of Stable Rotamers. XXVI. Some Bimolecular Elimination Reactions of 9-(2-Substituted) Tj ETQqO O 0 rgBT /Overlock 10 Tf 50	2.0	8
49	Reactivities of Stable Rotamers. XXIII. Some Addition Reactions toward the Vinyl Group in 9-(2-Vinyl-1-naphthyl)fluorene Rotamers. <i>Bulletin of the Chemical Society of Japan</i> , 1988, 61, 4303-4308.	2.0	9