

Masafumi Yano

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Near-infrared absorption of a benzothiophene-appended triphenylamine radical cation: A novel molecular design of NIR-II dye. <i>Dyes and Pigments</i> , 2022, 197, 109929.	3.7	4
2	Near-Infrared Absorbing Molecule Based on Triphenylamine Radical Cation with Extended Homoaryl π -System. <i>Colorants</i> , 2022, 1, 226-235.	1.5	3
3	Role of Perfluorophenyl Group in the Side Chain of Small-Molecule n-Type Organic Semiconductors in Stress Stability of Single-Crystal Transistors. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 2095-2101.	4.6	10
4	Effect of Electronically Distinct Aromatic Substituents on the Molecular Assembly and Hole Transport of V-Shaped Organic Semiconductors. <i>Journal of Physical Chemistry C</i> , 2020, 124, 17503-17511.	3.1	1
5	Alkyl-Substituted Selenium-Bridged V-Shaped Organic Semiconductors Exhibiting High Hole Mobility and Unusual Aggregation Behavior. <i>Journal of the American Chemical Society</i> , 2020, 142, 14974-14984.	13.7	25
6	Photo- and Redox-active Benzofuran-appended Triphenylamine and Near-infrared Absorption of Its Radical Cation. <i>Chemistry Letters</i> , 2020, 49, 685-688.	1.3	5
7	Crystal structure of tris[4-(naphthalen-1-yl)phenyl]amine. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020, 76, 1649-1652.	0.5	1
8	Air-Stable Benzo[<i>c</i>]thiophene Diimide <i>n</i> -Type π -Electron Core. <i>Organic Letters</i> , 2019, 21, 4448-4453.	4.6	23
9	Organic Semiconductors: Zigzag-Elongated Fused π -Electronic Core: A Molecular Design Strategy to Maximize Charge-Carrier Mobility (<i>Adv. Sci.</i> 1/2018). <i>Advanced Science</i> , 2018, 5, 1870005.	11.2	2
10	Oxygen- and Sulfur-Bridged Λ -shaped π -Conjugated Molecules: Synthesis, Aggregated Structures, and Charge Transporting Behavior. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 2309-2314.	2.7	6
11	High performance solution-crystallized thin-film transistors based on V-shaped thieno[3,2- <i>f</i> :4,5- <i>f'</i>]bis[1]benzothiophene semiconductors. <i>Journal of Materials Chemistry C</i> , 2017, 5, 1903-1909.	5.5	22
12	Oxygen- and Sulfur-Bridged Bianthracene V-Shaped Organic Semiconductors. <i>Bulletin of the Chemical Society of Japan</i> , 2017, 90, 931-938.	3.2	28
13	Impact of Phenyl Groups on Oxygen-bridged V-shaped Organic Semiconductors. <i>Chemistry Letters</i> , 2017, 46, 338-341.	1.3	9
14	Alkylated oxygen-bridged V-shaped molecules: impacts of the substitution position and length of the alkyl chains on the crystal structures and fundamental properties in aggregated forms. <i>Polymer Journal</i> , 2017, 49, 215-221.	2.7	2
15	High performance oxygen-bridged N-shaped semiconductors with a stabilized crystal phase and blue luminescence. <i>RSC Advances</i> , 2016, 6, 28966-28969.	3.6	15
16	Furan fused V-shaped organic semiconducting materials with high emission and high mobility. <i>Chemical Communications</i> , 2014, 50, 5342-5344.	4.1	49
17	Preferential Crystallization of Lanthanoid Tris(β^2 -diketonates) with Bridged Bis(2-pyridylmethyl)amine Ligands toward Separation Application. <i>Bulletin of the Chemical Society of Japan</i> , 2012, 85, 490-496.	3.2	2
18	ON^{OFF} -switching of europium complex luminescence coupled with a ligand redox process. <i>Chemical Communications</i> , 2012, 48, 4082.	4.1	46