

Kazuaki Oniwa

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

561
citations

687363

13
h-index

752698

20
g-index

25
all docs

25
docs citations

25
times ranked

1088
citing authors

#	ARTICLE	IF	CITATIONS
1	Pd-Catalyzed Cascade Crossover Annulation of <i>o</i> -Alkynylarylhalides and Diarylacetylenes Leading to Dibenzo[<i>a,c</i>]pentalenes. <i>Journal of the American Chemical Society</i> , 2013, 135, 10222-10225.	13.7	91
2	Single crystal biphenyl end-capped furan-incorporated oligomers: influence of unusual packing structure on carrier mobility and luminescence. <i>Journal of Materials Chemistry C</i> , 2013, 1, 4163.	5.5	73
3	Synthesis of extended polycyclic aromatic hydrocarbons by oxidative tandem spirocyclization and 1,2-aryl migration. <i>Nature Communications</i> , 2017, 8, 15073.	12.8	57
4	<i>N</i> -Methyl Transfer Induced Copper-Mediated Oxidative Diamination of Alkynes. <i>Organic Letters</i> , 2016, 18, 2487-2490.	4.6	52
5	2-Positional pyrene end-capped oligothiophenes for high performance organic field effect transistors. <i>Chemical Communications</i> , 2016, 52, 4800-4803.	4.1	41
6	Synthesis of new donor-acceptor materials via Au-catalyzed double cascade cyclization. <i>Tetrahedron Letters</i> , 2012, 53, 914-918.	1.4	33
7	Theoretical Analysis on the Optoelectronic Properties of Single Crystals of Thiophene-furan-phenylene Co-Oligomers: Efficient Photoluminescence due to Molecular Bending. <i>Journal of Physical Chemistry C</i> , 2013, 117, 8072-8078.	3.1	30
8	Triflic Acid Mediated Cascade Cyclization of Aryldiynes for the Synthesis of Indeno[1,2- <i>cd</i>]chromenes: Application to Dye-Sensitized Solar Cells. <i>Chemistry - A European Journal</i> , 2015, 21, 4065-4070.	3.3	26
9	FeCl ₃ -Mediated Oxidative Spirocyclization of Difluorenylidene Diarylethanes Leading to Dispiro[fluorene-9,5-indeno[2,1- <i>bc</i>]indene-10,9-fluorene]s. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 259-263.	3.1	25
10	A highly emissive distyrylthieno[3,2- <i>b</i>]thiophene based red luminescent organic single crystal: Aggregation induced emission, optical waveguide edge emission, and balanced ambipolar carrier transport. <i>Organic Electronics</i> , 2016, 34, 23-27.	2.6	18
11	Biphenyl end-capped bithiazole co-oligomers for high performance organic thin film field effect transistors. <i>Chemical Communications</i> , 2016, 52, 4926-4929.	4.1	16
12	Synthesis of 5,10,15-triazaporphyrins: effect of benzo-annulation on the electronic structures. <i>Chemical Communications</i> , 2012, 48, 3851.	4.1	14
13	A $\frac{1}{4}$ -oxo hetero dimer of silicon phthalocyanine and naphthalocyanine. <i>Chemical Communications</i> , 2013, 49, 8341.	4.1	13
14	Thieno[2,3- <i>a</i>]carbazole donor-based organic dyes for high efficiency dye-sensitized solar cells. <i>Organic Chemistry Frontiers</i> , 2015, 2, 253-258.	4.5	13
15	Deuterium Isotope Effect on Bulk Heterojunction Solar Cells. Enhancement of Organic Photovoltaic Performances Using Monobenzyl Substituted Deuteriofullerene Acceptors. <i>Organic Letters</i> , 2013, 15, 5674-5677.	4.6	12
16	Comparative Study of Single and Dual Gain-Narrowed Emission in Thiophene/Furan/Phenylene Co-Oligomer Single Crystals. <i>Journal of Physical Chemistry C</i> , 2017, 121, 2364-2368.	3.1	12
17	Synthesis and Properties of Dicyanomethylene-Endcapped Thienopyrrole-Based Quinoidal <i>S</i> - <i>N</i> -Heteroacenes. <i>Bulletin of the Chemical Society of Japan</i> , 2017, 90, 789-797.	3.2	10
18	Efficient thieno[3,2- <i>a</i>]carbazole-based organic dyes for dye-sensitized solar cells. <i>Tetrahedron</i> , 2015, 71, 6534-6540.	1.9	9

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19	Charge transport in organic crystals: Critical role of correlated fluctuations unveiled by analysis of Feynman diagrams. <i>Journal of Chemical Physics</i> , 2015, 142, 144503.	3.0	8
20	Pd-catalyzed Consecutive C-H Arylation-Triggered Cyclotrimerization: Synthesis of Star-Shaped Benzotriazolones and Benzotrisoxazolones. <i>Chemistry - A European Journal</i> , 2018, 24, 9041-9050.	3.3	8