

Darryl Fong

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

501
citations

687363
13
h-index

713466
21
g-index

32
all docs

32
docs citations

32
times ranked

479
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent developments in the selective dispersion of single-walled carbon nanotubes using conjugated polymers. <i>Chemical Science</i> , 2017, 8, 7292-7305.	7.4	78
2	Trace Ethylene Sensing via Wacker Oxidation. <i>ACS Central Science</i> , 2020, 6, 507-512.	11.3	48
3	Complex Liquid Crystal Emulsions for Biosensing. <i>Journal of the American Chemical Society</i> , 2021, 143, 9177-9182.	13.7	46
4	Influence of Polymer Electronics on Selective Dispersion of Single-Walled Carbon Nanotubes. <i>Chemistry - A European Journal</i> , 2016, 22, 14560-14566.	3.3	37
5	A Survey of Strain-Promoted Azide-Alkyne Cycloaddition in Polymer Chemistry. <i>Chemistry - A European Journal</i> , 2021, 27, 5057-5073.	3.3	34
6	Polyfluorene-Sorted Semiconducting Single-Walled Carbon Nanotubes for Applications in Thin-Film Transistors. <i>Chemistry of Materials</i> , 2019, 31, 2863-2872.	6.7	25
7	Trace Detection of Hydrogen Peroxide via Dynamic Double Emulsions. <i>Journal of the American Chemical Society</i> , 2021, 143, 4397-4404.	13.7	25
8	Functionalization of polyfluorene-wrapped carbon nanotubes <i>via</i> copper-mediated azide-alkyne cycloaddition. <i>Polymer Chemistry</i> , 2018, 9, 2873-2879.	3.9	23
9	Decoration of Polyfluorene-Wrapped Carbon Nanotubes via Strain-Promoted Azide-Alkyne Cycloaddition. <i>Macromolecules</i> , 2018, 51, 755-762.	4.8	22
10	Decoration of polyfluorene-wrapped carbon nanotube thin films <i>via</i> strain-promoted azide-alkyne cycloaddition. <i>Polymer Chemistry</i> , 2018, 9, 4460-4467.	3.9	20
11	Excess Polymer in Single-Walled Carbon Nanotube Thin-Film Transistors: Its Removal Prior to Fabrication Is Unnecessary. <i>ACS Nano</i> , 2021, 15, 8252-8266.	14.6	20
12	Reactive, Aqueous-Dispersible Polyfluorene-Wrapped Carbon Nanotubes Modulated with an Acidochromic Switch via Azide-Alkyne Cycloaddition. <i>ACS Applied Polymer Materials</i> , 2019, 1, 797-803.	4.4	15
13	Visible Light-Mediated Photoclick Functionalization of a Conjugated Polymer Backbone. <i>Macromolecules</i> , 2020, 53, 1760-1766.	4.8	15
14	Pillar[5]arene-Decorated Single-Walled Carbon Nanotubes. <i>ACS Omega</i> , 2018, 3, 13935-13943.	3.5	14
15	Investigation of Hybrid Conjugated/Nonconjugated Polymers for Sorting of Single-Walled Carbon Nanotubes. <i>Macromolecules</i> , 2017, 50, 8002-8009.	4.8	13
16	Enrichment of Metallic Carbon Nanotubes Using a Two-Polymer Extraction Method. <i>ACS Omega</i> , 2018, 3, 16238-16245.	3.5	13
17	^{99m} Tc-Functionalized Single-Walled Carbon Nanotubes for Bone Targeting. <i>ACS Applied Nano Materials</i> , 2020, 3, 11819-11824.	5.0	13
18	Dispersion of single-walled carbon nanotubes using nucleobase-containing poly(acrylamide) polymers. <i>Journal of Polymer Science Part A</i> , 2017, 55, 2611-2617.	2.3	7

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19	Stretchable and Resilient Conductive Films on Polydimethylsiloxane from Reactive Polymer-Single-Walled Carbon Nanotube Complexes for Wearable Electronics. ACS Applied Nano Materials, 2019, 2, 4968-4973.	5.0	7
20	Anthanthrene-based conjugated polymers for the dispersion of single-walled carbon nanotubes. Polymer Chemistry, 2019, 10, 6440-6446.	3.9	7
21	Preparation of stimulus-responsive, polyfluorene-wrapped carbon nanotubes via palladium cross coupling. Journal of Polymer Science Part A, 2018, 56, 2723-2729.	2.3	6
22	Bulk dispersion of single-walled carbon nanotubes in silicones using diblock copolymers. Journal of Polymer Science Part A, 2015, 53, 265-273.	2.3	5
23	Light-driven atom transfer radical polymerization on supramolecular complexes of conjugated polymers and single-walled carbon nanotubes. Journal of Polymer Science Part A, 2019, 57, 2015-2020.	2.3	3
24	Influence of Polymer Electronics on Selective Dispersion of Single-Walled Carbon Nanotubes. Chemistry - A European Journal, 2016, 22, 14413-14413.	3.3	1
25	Strain-promoted azide-alkyne cycloaddition polymerization as a route toward tailored functional polymers. Journal of Polymer Science, 2021, 59, 29-33.	3.8	1
26	3D Aromaticity: Two Wrongs Do Make a Right in Antiaromatic Cyclophanes. Synfacts, 2019, 15, 1126.	0.0	0
27	Emerging from the Flatlands Using Diels-Alder Cycloaddition. Synfacts, 2019, 15, 1125.	0.0	0
28	Proton Hole-in-One With TriQuinoline. Synfacts, 2019, 15, 1250.	0.0	0
29	Coming Full Circle With "Super-Benzene"™. Synfacts, 2019, 15, 1370.	0.0	0
30	Frontispiece: A Survey of Strain-Promoted Azide-Alkyne Cycloaddition in Polymer Chemistry. Chemistry - A European Journal, 2021, 27, .	3.3	0