

Jean-François Morin

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

2,653
citations

185998

28
h-index

197535

49
g-index

92
all docs

92
docs citations

92
times ranked

3335
citing authors

#	ARTICLE	IF	CITATIONS
1	Syntheses of Conjugated Polymers Derived from N-Alkyl-2,7-carbazoles. <i>Macromolecules</i> , 2001, 34, 4680-4682.	2.2	246
2	Recent progress on nanovehicles. <i>Chemical Society Reviews</i> , 2006, 35, 1043.	18.7	241
3	Recent Advances in Click Chemistry Applied to Dendrimer Synthesis. <i>Molecules</i> , 2015, 20, 9263-9294.	1.7	112
4	Topochemical Polymerization of Phenylacetylene Macrocycles: A New Strategy for the Preparation of Organic Nanorods. <i>Journal of the American Chemical Society</i> , 2013, 135, 110-113.	6.6	106
5	Helically Coiled Graphene Nanoribbons. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6213-6217.	7.2	103
6	Emerging Bottom-Up Strategies for the Synthesis of Graphene Nanoribbons and Related Structures. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 4624-4633.	7.2	92
7	[3]Rotaxane-Porphyrin Conjugate as a Novel Supramolecular Host for Fullerenes. <i>Organic Letters</i> , 2008, 10, 33-36.	2.4	87
8	Preparation of carbon nanomaterials from molecular precursors. <i>Chemical Society Reviews</i> , 2014, 43, 85-98.	18.7	76
9	Synthetic Routes toward Carborane-Wheeled Nanocars. <i>Journal of Organic Chemistry</i> , 2007, 72, 9481-9490.	1.7	72
10	Polycyclic Aromatic Hydrocarbons as Potential Building Blocks for Organic Solar Cells. <i>Chemical Record</i> , 2019, 19, 1142-1154.	2.9	71
11	Regioselective Synthesis of Nanographenes by Photochemical Cyclodehydrochlorination. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2042-2047.	7.2	68
12	Topochemical Polymerization of a Diarylbutadiyne Derivative in the Gel and Solid States. <i>Organic Letters</i> , 2011, 13, 1358-1361.	2.4	59
13	Soluble Conjugated One-Dimensional Nanowires Prepared by Topochemical Polymerization of a Butadiynes-Containing Star-Shaped Molecule in the Xerogel State. <i>Langmuir</i> , 2013, 29, 3446-3452.	1.6	54
14	Recent progress in the stabilization of supramolecular assemblies with functional polydiacetylenes. <i>Polymer Chemistry</i> , 2018, 9, 3019-3028.	1.9	54
15	4,10-Dibromoanthanthrone as a New Building Block for p-type, n-type, and Ambipolar Conjugated Materials. <i>Chemistry - A European Journal</i> , 2013, 19, 372-381.	1.7	51
16	Recent Advances in the Synthesis of Ammonium-Based Rotaxanes. <i>Molecules</i> , 2010, 15, 3709-3730.	1.7	49
17	Effects of Embedded Dipole Layers on Electrostatic Properties of Alkanethiolate Self-Assembled Monolayers. <i>Journal of Physical Chemistry C</i> , 2017, 121, 15815-15830.	1.5	45
18	Cruciform Alkynylated Anthanthrene Derivatives: A Structure-Properties Relationship Case Study. <i>Journal of Organic Chemistry</i> , 2014, 79, 2404-2418.	1.7	44

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19	Rigid organic nanotubes obtained from phenylene-butadiynylene macrocycles. <i>Chemical Communications</i> , 2013, 49, 9546.	2.2	40
20	Room-temperature synthesis of soluble, fluorescent carbon nanoparticles from organogel precursors. <i>Chemical Communications</i> , 2012, 48, 10144.	2.2	39
21	Helically Coiled Graphene Nanoribbons. <i>Angewandte Chemie</i> , 2017, 129, 6309-6313.	1.6	39
22	Efficient and Rapid Divergent Synthesis of Ethylene Oxide-Containing Dendrimers through Catalyst-Free Click Chemistry. <i>Macromolecules</i> , 2012, 45, 3687-3694.	2.2	38
23	Toward Thiophene-Annulated Graphene Nanoribbons. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3588-3592.	7.2	36
24	Emerging Bottom-Up Strategies for the Synthesis of Graphene Nanoribbons and Related Structures. <i>Angewandte Chemie</i> , 2020, 132, 4652-4661.	1.6	36
25	Layered graphitic materials from a molecular precursor. <i>Chemical Science</i> , 2014, 5, 831-836.	3.7	34
26	Polycyclic anthanthrene small molecules: semiconductors for organic field-effect transistors and solar cells applications. <i>Journal of Materials Chemistry C</i> , 2015, 3, 601-606.	2.7	34
27	Recent advances in the chemistry of vat dyes for organic electronics. <i>Journal of Materials Chemistry C</i> , 2017, 5, 12298-12307.	2.7	33
28	Anthanthrene as a Super-Extended Tetraphenylethylene for Aggregation-Induced Emission. <i>Organic Letters</i> , 2018, 20, 2797-2801.	2.4	31
29	Synthesis, characterization and DFT calculations of new ethynyl-bridged C60 derivatives. <i>Tetrahedron</i> , 2010, 66, 4230-4242.	1.0	26
30	Breaking Bonds and Forming Nanographene Diradicals with Pressure. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16212-16217.	7.2	26
31	Pyrrole-Embedded Linear and Helical Graphene Nanoribbons. <i>Journal of the American Chemical Society</i> , 2021, 143, 11302-11308.	6.6	26
32	The importance of the amide configuration in the gelation process and topochemical polymerization of phenylacetylene macrocycles. <i>Journal of Materials Chemistry C</i> , 2013, 1, 2680.	2.7	25
33	Synthesis and Optoelectronic Properties of 6,12-Bis(amino)anthanthrene Derivatives. <i>Journal of Organic Chemistry</i> , 2013, 78, 12769-12778.	1.7	25
34	Helical Conjugated Ladder Polymers: Tuning the Conformation and Properties through Edge Design. <i>Macromolecules</i> , 2017, 50, 9257-9264.	2.2	23
35	Regioselective Synthesis of Nanographenes by Photochemical Cyclodehydrochlorination. <i>Angewandte Chemie</i> , 2016, 128, 2082-2087.	1.6	22
36	H-Bonding-driven gel formation of a phenylacetylene macrocycle. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 4440.	1.5	21

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37	Probing the dendritic architecture through AIE: challenges and successes. <i>Polymer Chemistry</i> , 2014, 5, 6087-6096.	1.9	21
38	New strapped porphyrins as hosts for fullerenes: synthesis and complexation study. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 1047-1051.	1.5	20
39	<i>Super</i>extended Tetrathiafulvalene: Synthesis, Optoelectronic Properties, Fullerenes Complexation, and Photooxidation Study. <i>Journal of Organic Chemistry</i> , 2015, 80, 6767-6775.	1.7	20
40	Zirconium(IV) Metallocavitands As Blue-Emitting Materials. <i>Inorganic Chemistry</i> , 2014, 53, 2883-2891.	1.9	19
41	Synthesis and Properties of Rhomboidal Macrocyclic Subunits of Graphdiyne-Like Nanoribbons. <i>Journal of Organic Chemistry</i> , 2015, 80, 10634-10642.	1.7	19
42	Conjugated Polymers Based on 4,10-Bis(thiophen-2-yl)anthanthrone: Synthesis, Characterization, and Fluoride-Promoted Photoinduced Electron Transfer. <i>Macromolecules</i> , 2015, 48, 8376-8381.	2.2	19
43	Synthesis and characterization of a new ethynyl-bridged C60 derivative bearing a diketopyrrolopyrrole moiety. <i>Tetrahedron Letters</i> , 2011, 52, 5008-5011.	0.7	18
44	Photochemical synthesis of π -extended ullazine derivatives as new electron donors for efficient conjugated D π A polymers. <i>Journal of Materials Chemistry C</i> , 2019, 7, 3015-3024.	2.7	18
45	Anthanthrene as a large PAH building block for the synthesis of conjugated polymers. <i>Polymer Chemistry</i> , 2015, 6, 4859-4863.	1.9	17
46	Mixed Monomolecular Films with Embedded Dipolar Groups on Ag(111). <i>Journal of Physical Chemistry C</i> , 2018, 122, 19514-19523.	1.5	16
47	Oligoyne Derivatives as Reactive Precursors for the Preparation of Carbon Nanomaterials. <i>Synlett</i> , 2013, 24, 2032-2044.	1.0	15
48	Studies Toward the Synthesis of Phenylacetylene Macrocyclic Based Rotaxane Precursors as Building Blocks for Organic Nanotubes. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 5335-5349.	1.2	14
49	Poly[(arylene ethynylene)- <i>alt</i> -(arylene vinylene)]s Based on Anthanthrene and Its Derivatives: Synthesis and Photophysical, Electrochemical, Electroluminescent, and Photovoltaic Properties. <i>Macromolecules</i> , 2017, 50, 8357-8371.	2.2	14
50	Toward Thiophene-Annulated Graphene Nanoribbons. <i>Angewandte Chemie</i> , 2018, 130, 3650-3654.	1.6	14
51	Wurster-Type Nanographenes as Stable Diradical Dications. <i>Chemistry - A European Journal</i> , 2018, 24, 2858-2862.	1.7	13
52	Mixed Aliphatic Self-Assembled Monolayers with Embedded Polar Group. <i>Journal of Physical Chemistry C</i> , 2017, 121, 23017-23024.	1.5	12
53	Competition between Singlet Fission and Spin-Orbit-Induced Intersystem Crossing in Anthanthrene and Anthanthrene Derivatives. <i>ChemPlusChem</i> , 2019, 84, 1432-1438.	1.3	12
54	Breaking Bonds and Forming Nanographene Diradicals with Pressure. <i>Angewandte Chemie</i> , 2017, 129, 16430-16435.	1.6	11

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55	Electron Acceptors Based on Cyclopentannulated Anthanthrenes. <i>Journal of Organic Chemistry</i> , 2021, 86, 1456-1461.	1.7	11
56	Cell Seeding on UVâ€Câ€Treated 3D Polymeric Templates Allows for Costâ€Effective Production of Smallâ€Caliber Tissueâ€Engineered Blood Vessels. <i>Biotechnology Journal</i> , 2019, 14, e1800306.	1.8	10
57	Synthesis of Fluorineâ€Containing Molecular Rotors and Their Assembly on Gold Nanoparticles. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 3049-3067.	1.2	9
58	Synthesis of a controlled three-faced PAMAM particle. <i>Polymer Chemistry</i> , 2011, 2, 2293.	1.9	9
59	Low-Temperature Synthesis of Carbon-Rich Nanoparticles with a Clickable Surface for Functionalization. <i>Langmuir</i> , 2017, 33, 5385-5392.	1.6	9
60	On the Interaction of Acetone with Electrophilic Metallocavitands Having Extended Cavities. <i>Inorganic Chemistry</i> , 2012, 51, 10384-10393.	1.9	8
61	Synthesis, gelation and topochemical polymerization of meta-linked oligophenylenebutadiynylene derivatives. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 9236-9242.	1.5	7
62	Synthesis of Carboxylate Cp*Zr(IV) Species: Toward the Formation of Novel Metallocavitands. <i>Inorganic Chemistry</i> , 2015, 54, 5547-5555.	1.9	7
63	Topochemical Polymerization of Phenylacetylene Macrocycles under Pressure. <i>Journal of Physical Chemistry C</i> , 2018, 122, 20034-20039.	1.5	7
64	Anthanthrene-based conjugated polymers for the dispersion of single-walled carbon nanotubes. <i>Polymer Chemistry</i> , 2019, 10, 6440-6446.	1.9	7
65	2D Supramolecular networks of dibenzonitrilediacetylene on Ag(111) stabilized by intermolecular hydrogen bonding. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 10602-10610.	1.3	6
66	Ethynyl-bridged fullerene derivatives: effect of the secondary group on electronic properties. <i>New Journal of Chemistry</i> , 2011, 35, 942.	1.4	5
67	Improving the reactivity of phenylacetylene macrocycles toward topochemical polymerization by side chains modification. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 1613-1619.	1.3	5
68	Synthesis and complexation study of new ExTTF-based hosts for fullerenes. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 4117.	1.5	5
69	Synthesis of tetrathiafulvalene-containing zirconium(IV) pincers and metallocavitands for hosting fullerenes. <i>Inorganica Chimica Acta</i> , 2014, 422, 235-242.	1.2	5
70	2,9-Dibenzo[<i>b</i>], <i>def</i>]chrysene as a building block for organic electronics. <i>Materials Advances</i> , 2022, 3, 599-603.	2.6	5
71	From rods to sheets in a flash. <i>Nature Chemistry</i> , 2014, 6, 463-464.	6.6	4
72	Synthesis and properties of a trapezoid shaped macrocycle with different [n]yne units. <i>RSC Advances</i> , 2017, 7, 17117-17121.	1.7	4

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73	Synthesis and Properties of Conjugated Polymers Based on a Ladderized Anthanthrene Unit. ACS Omega, 2019, 4, 14742-14749.	1.6	4
74	Carbon nanomaterials from pyrolysis of polydiacetylene-walled nanorods. Materials Research Express, 2014, 1, 015602.	0.8	2
75	Tetraphenylethene-diyne hybrid nanoparticles from Glaser-type dispersion polymerization. RSC Advances, 2017, 7, 36132-36137.	1.7	1
76	Synthesis and polarity-sensitive fluorescent properties of a novel water-soluble polycyclic aromatic hydrocarbon (PAH). Canadian Journal of Chemistry, 2021, 99, 397-402.	0.6	1
77	3. Synthesis, functionalization and properties of fullerenes and graphene materials. , 2014, , 37-60.		0
78	Innentitelbild: Helically Coiled Graphene Nanoribbons (Angew. Chem. 22/2017). Angewandte Chemie, 2017, 129, 6040-6040.	1.6	0
79	Novel Anthanthrone and Anthanthrene Co-polymers as p-Type Conjugated Semiconductors for Organic Photovoltaics. , 2017, , .		0
80	Wurster-type Anthanthrene Polyradicaloid Cations. Macromolecular Rapid Communications, 2018, 39, e1800214.	2.0	0
81	Synthesis and pharmacokinetic study of poly(ethylene oxide) triazole dendrimers decorated with aminosteroids as anticancer agent. Journal of Polymer Science, 2020, 58, 654-661.	2.0	0