

Marion Jean

List of Publications by Year in descending order

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448610

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81
docs citations

81
times ranked

1939
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#	ARTICLE	IF	CITATIONS
1	Enantioselective Syntheses of Furan Atropisomers by an Oxidative Central-to-Axial Chirality Conversion Strategy. <i>Journal of the American Chemical Society</i> , 2017, 139, 2140-2143.	6.6	195
2	Combining Organocatalysis with Central-to-Axial Chirality Conversion: Atroposelective Hantzsch-Type Synthesis of 4-Arylpyridines. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1401-1405.	7.2	150
3	Enantiopure Cycloirradiated Complexes Bearing a Pentahelicenic N-Heterocyclic Carbene and Displaying Long-Lived Circularly Polarized Phosphorescence. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8236-8239.	7.2	143
4	Exciton coupling in diketopyrrolopyrrole-helicene derivatives leads to red and near-infrared circularly polarized luminescence. <i>Chemical Science</i> , 2018, 9, 735-742.	3.7	122
5	Synthesis and Chiroptical Properties of Hexa-, Octa-, and Decaazaborahelicenes: Influence of Helicene Size and of the Number of Boron Atoms. <i>Chemistry - A European Journal</i> , 2017, 23, 407-418.	1.7	102
6	Conformational changes and chiroptical switching of enantiopure bis-helicenic terpyridine upon Zn ²⁺ binding. <i>Chemical Communications</i> , 2016, 52, 5932-5935.	2.2	83
7	Steric Scale of Common Substituents from Rotational Barriers of N-(<i>o</i> -Substituted) Tj ETQq1 1 0.784314 rgBT /Overlock	1.7	54
8	Bis-4-aza[6]helicene: A Bis-helicenic 2,2'-Bipyridine with Chemically Triggered Chiroptical Switching Activity. <i>Journal of Organic Chemistry</i> , 2019, 84, 5383-5393.	1.7	50
9	Peptide Couplings by Reactive Extrusion: Solid-Tolerant and Free from Carcinogenic, Mutagenic and Reprotoxic Chemicals. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 16001-16004.	3.2	43
10	Cyclobishelicenes: Shape-Persistent Figure-Eight Aromatic Molecules with Promising Chiroptical Properties. <i>Chemistry - A European Journal</i> , 2019, 25, 14364-14369.	1.7	43
11	Axially and Helically Chiral Cationic Radical Bicarbazoles: SOMO-HOMO Level Inversion and Chirality Impact on the Stability of Mono- and Diradical Cations. <i>Journal of the American Chemical Society</i> , 2020, 142, 20409-20418.	6.6	42
12	From Prochiral N-Heterocyclic Carbenes to Optically Pure Metal Complexes: New Opportunities in Asymmetric Catalysis. <i>Journal of the American Chemical Society</i> , 2020, 142, 93-98.	6.6	39
13	Simultaneous Control of Central and Helical Chiralities: Expedient Helicoselective Synthesis of Dioxo[6]helicenes. <i>Journal of the American Chemical Society</i> , 2020, 142, 16199-16204.	6.6	36
14	Enantiomers of dimethyl [(2E)-1,3-diphenylprop-2-en-1-yl]propanedioate resulting from allylic alkylation reaction: Elution order on major high-performance liquid chromatography chiral columns. <i>Journal of Chromatography A</i> , 2012, 1269, 82-93.	1.8	26
15	Chiral Diketopyrrolopyrrole-Helicene Polymer With Efficient Red Circularly Polarized Luminescence. <i>Frontiers in Chemistry</i> , 2020, 8, 237.	1.8	24
16	Circularly Polarized Fluorescent Helicene-Boronils: Synthesis, Photophysical and Chiroptical Properties. <i>Chemistry - A European Journal</i> , 2021, 27, 7959-7967.	1.7	24
17	Large-Scale Synthesis of Enantiopure Molecular Cages: Chiroptical and Recognition Properties. <i>Chemistry - A European Journal</i> , 2016, 22, 2068-2074.	1.7	23
18	Stereospecific Synthesis of β - and γ -Hydroxyalkyl β -Stereogenic Phosphine-Boranes and Functionalized Derivatives: Evidence of the $\text{P}=\text{O}$ Activation in the BH_3 -Mediated Reduction. <i>Chemistry - A European Journal</i> , 2015, 21, 15607-15621.	1.7	21

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19	Analysis of the major chiral compounds of <i>Artemisia herba-alba</i> essential oils (EOs) using reconstructed vibrational circular dichroism (VCD) spectra: En route to a VCD chiral signature of EOs. <i>Analytica Chimica Acta</i> , 2016, 903, 121-130.	2.6	21
20	Epimerization-Free C-Term Activation of Peptide Fragments by Ball Milling. <i>Organic Letters</i> , 2021, 23, 631-635.	2.4	21
21	Synthesis of Carbo[6]helicene Derivatives Grafted with Amino or Aminoester Substituents from Enantiopure [6]Helicenyl Boronates. <i>Journal of Organic Chemistry</i> , 2018, 83, 484-490.	1.7	19
22	The Hydroxyalkyl Moiety As a Protecting Group for the Stereospecific Alkylation of Masked Secondary Phosphine-Boranes. <i>Organic Letters</i> , 2016, 18, 140-143.	2.4	18
23	Synthesis, Resolution, and Absolute Configuration of Chiral Tris(2-pyridylmethyl)amine-Based Hemicryptophane Molecular Cages. <i>Journal of Organic Chemistry</i> , 2017, 82, 6082-6088.	1.7	18
24	Enantio- and Substrate-Selective Recognition of Chiral Neurotransmitters with C_3 -Symmetric Switchable Receptors. <i>Organic Letters</i> , 2020, 22, 891-895.	2.4	17
25	Attempts to separate (–)- α -thujone, (+)- α -thujone epimers from camphor enantiomers by enantioselective HPLC with polarimetric detection. <i>Journal of Separation Science</i> , 2013, 36, 832-839.	1.3	15
26	Carbazole Isomerism in Helical Radical Cations: Spin Delocalization and SOMO \rightarrow HOMO Level Inversion in the Diradical State. <i>Journal of the American Chemical Society</i> , 2022, 144, 7253-7263.	6.6	15
27	Synthesis of a Novel Rhizobitoxine-Like Triazole-Containing Amino Acid. <i>Synlett</i> , 2016, 27, 2685-2688.	1.0	14
28	Cyclotrimeratrylene-BINOL-Based Host Compounds: Synthesis, Absolute Configuration Assignment, and Recognition Properties. <i>Journal of Organic Chemistry</i> , 2016, 81, 3199-3205.	1.7	13
29	Improved synthesis, resolution, absolute configuration determination and biological evaluation of HLM006474 enantiomers. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 380-382.	1.0	13
30	Chiroptical fingerprints to characterize lavender and lavandin essential oils. <i>Journal of Chromatography A</i> , 2020, 1610, 460568.	1.8	13
31	Atropisomerization in <i>N</i> -aryl-2(1 <i>H</i>)-pyrimidin-(thi)ones: A Ring-Opening/Rotation/Ring-Closure Process in Place of a Classical Rotation around the Pivot Bond. <i>Journal of Organic Chemistry</i> , 2013, 78, 12577-12584.	1.7	12
32	Isolation of the major chiral compounds from <i>Bubonium graveolens</i> essential oil by HPLC and absolute configuration determination by VCD. <i>Chirality</i> , 2017, 29, 70-79.	1.3	12
33	Chiroptical properties of cryptophane-111. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 18303-18310.	1.3	12
34	High-Relaxivity Gd(III) \rightarrow Hemicryptophane Complex. <i>Organic Letters</i> , 2019, 21, 1999-2003.	2.4	12
35	Unique Class of Enantiopure <i>N</i> -Heterocyclic Carbene Half-Sandwich Iridium(III) Complexes with Stable Configurations: Probing Five-Membered versus Six-Membered Iridacycles. <i>Inorganic Chemistry</i> , 2019, 58, 2930-2933.	1.9	12
36	Two-Photon Absorbing AIEgens: Influence of Stereoconfiguration on Their Crystallinity and Spectroscopic Properties and Applications in Bioimaging. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 55157-55168.	4.0	12

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37	Enantiopure <i>C</i> ₁ -Cyclotriveratrylene with a Reversed Spatial Arrangement of the Substituents. <i>Organic Letters</i> , 2019, 21, 160-165.	2.4	11
38	Exciton coupling chirality in helicene-porphyrin conjugates. <i>Chemical Communications</i> , 2021, 57, 10743-10746.	2.2	11
39	On the Enantioselective Phosphoric-Acid-Catalyzed Hantzsch Synthesis of Polyhydroquinolines. <i>Organic Letters</i> , 2021, 23, 3394-3398.	2.4	11
40	Are the Physical Properties of Xe@Cryptophane Complexes Easily Predictable? The Case of <i>syn</i> - and <i>anti</i> -Tris-aza-Cryptophanes. <i>Journal of Organic Chemistry</i> , 2021, 86, 7648-7658.	1.7	11
41	Helical Chiral N-Heterocyclic Carbene Ligands in Enantioselective Gold Catalysis. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	11
42	New Chiral Cyclooctatriene-Based Polycyclic Architectures. <i>Organic Letters</i> , 2011, 13, 4450-4453.	2.4	10
43	Unusual Chiroptical Properties of the Cryptophane-222 Skeleton. <i>Journal of Physical Chemistry B</i> , 2016, 120, 12650-12659.	1.2	10
44	An elastase activity reporter for Electronic Paramagnetic Resonance (EPR) and Overhauser-enhanced Magnetic Resonance Imaging (OMRI) as a line-shifting nitroxide. <i>Free Radical Biology and Medicine</i> , 2018, 126, 101-112.	1.3	10
45	Synthesis and chiroptical properties of organometallic complexes of helicenic N-heterocyclic carbenes. <i>Chirality</i> , 2019, 31, 1005-1013.	1.3	10
46	Enantiopure, luminescent, cyclometalated Ir(III) complexes with N-heterocyclic carbene-naphthalimide chromophore: design, vibrational circular dichroism and TD-DFT calculations. <i>Dalton Transactions</i> , 2022, .	1.6	10
47	Synthesis, resolution, and chiroptical properties of hemicryptophane cage controlling the chirality of propeller arrangement of a C ₃ triamide unit. <i>Chirality</i> , 2019, 31, 910-916.	1.3	9
48	Experimental and Theoretical Study of the Complexation of Cesium and Thallium Cations by a Water-Soluble Cryptophane. <i>ChemistrySelect</i> , 2017, 2, 5292-5300.	0.7	8
49	Enantioselective Complexation of Chiral Oxirane Derivatives by an Enantiopure Cryptophane in Water. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 1601-1607.	1.2	8
50	The Chemo- and Stereoselective Formation of Pallado- and Platinocryptophanes. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 2691-2706.	1.0	8
51	Oxidative Coupling of an Enaminoporphyrin: C-C, N-N Linkages or Both?. <i>Asian Journal of Organic Chemistry</i> , 2015, 4, 1294-1300.	1.3	6
52	Organocopper triggered cyclization of conjugated dienyne <i>via</i> tandem <i>S</i> _N 2/Alder-ene reaction. <i>Organic Chemistry Frontiers</i> , 2018, 5, 769-776.	2.3	6
53	Umpolung Reactivity of in Situ Generated Phosphido-Boranes: An Entry to P-Stereogenic Aminophosphine-Boranes. <i>Journal of Organic Chemistry</i> , 2019, 84, 4551-4557.	1.7	6
54	Synthesis of Protected 3,4- and 2,3-Dimercaptophenylalanines as Building Blocks for <i>Fmoc</i> -Peptide Synthesis and Incorporation of the 3,4-Analogue in a Decapeptide Using Solid-Phase Synthesis. <i>Journal of Organic Chemistry</i> , 2021, 86, 2210-2223.	1.7	6

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55	Transition metal complexes bearing atropisomeric saturated NHC ligands. <i>Chirality</i> , 2022, 34, 13-26.	1.3	6
56	Effect of substituents on the configurational stability of the stereogenic nitrogen in metal(II) complexes of \pm -amino acid Schiff bases. <i>Chirality</i> , 2019, 31, 401-409.	1.3	5
57	<i>C</i> ₁ -Symmetric Atropisomeric NHC Palladium(II) Complexes: Synthesis, Resolution and Characterization. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 4229-4238.	2.1	5
58	Closed vs Open-Shell CTV Based Host Compounds: A Direct Comparison. <i>ChemistrySelect</i> , 2016, 1, 6316-6320.	0.7	4
59	Chiral Fidelity in the Diastereoselective and Enantiospecific Synthesis of Indenes from Axially Chiral Benzylidene Cyclanes. <i>Chemistry - A European Journal</i> , 2017, 23, 8375-8379.	1.7	4
60	Synthesis and Properties of Partially Saturated Fluorenyl-Derived [n]Helicenes Featuring an Overcrowded Alkene. <i>Chemistry - A European Journal</i> , 2021, 27, 7722-7730.	1.7	4
61	Synthesis and Optical Resolution of Configurationally Stable Zwitterionic Pentacoordinate Silicon Derivatives. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	4
62	Racemization and transesterification of alkyl hydrogenophenylphosphinates. <i>Journal of Molecular Modeling</i> , 2017, 23, 168.	0.8	3
63	Atropisomerism in a 10-Membered Ring with Multiple Chirality Axes: (3 <i>Z</i> ,9 <i>Z</i>)-1,2,5,8-Dithiadiazecine-6,7(5 <i>H</i> ,8 <i>H</i>)-dione Series. <i>Journal of Organic Chemistry</i> , 2018, 83, 7566-7573.	1.7	3
64	Chromatographic approach to study the configurational stability of Ni(II) complexes of amino-acid Schiff bases possessing stereogenic nitrogen. <i>Chirality</i> , 2019, 31, 328-335.	1.3	3
65	Chiroptical study of cryptophanes subjected to self-encapsulation. <i>Chirality</i> , 2019, 31, 481-491.	1.3	3
66	Hemicryptophane Cages with a <i>C</i> ₁ -Symmetric Cyclotrimeratrylene Unit. <i>Journal of Organic Chemistry</i> , 2021, 86, 15055-15062.	1.7	3
67	Synthesis and Optical Resolution of Configurationally Stable Zwitterionic Pentacoordinate Silicon Derivatives. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	3
68	A Forgotten Chiral Spiro Compound Revisited: 3,3'-Dimethyl-3 <i>H</i> ,3' <i>H</i> -2,2'-spirobi[[1,3]benzothiazole]. <i>Chirality</i> , 2015, 27, 716-721.	1.3	2
69	Enantiopure encaged Verkade's superbases: Synthesis, chiroptical properties, and use as chiral derivatizing agent. <i>Chirality</i> , 2020, 32, 139-146.	1.3	2
70	Assembly of Aggregation-Induced Emission Active Bola-Amphiphilic Macromolecules into Luminescent Nanoparticles Optimized for Two-Photon Microscopy In Vivo. <i>Biomacromolecules</i> , 2022, 23, 2485-2495.	2.6	2
71	Regioselective addition of DDQ on a quinoid ring: an entry into chiral zwitterionic bridging ligands. <i>New Journal of Chemistry</i> , 2018, 42, 8247-8252.	1.4	1
72	Tunable Stereogenic P,N-Phosphine Ligands Design: Synthesis and Coordination Chemistry to Palladium. <i>ChemistrySelect</i> , 2018, 3, 12281-12286.	0.7	1

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73	Alkynylgold(I) C_3 Chiral Concave Complexes: Aggregation and Luminescence. Chemistry - A European Journal, 2022, 28, e202103759.	1.7	1
74	Slight structural modulation around a pivotal bond: high impact on enantiomeric stability. New Journal of Chemistry, 2021, 45, 16039-16047.	1.4	0
75	Enantiopure Cyclometalated Rh(III) and Ir(III) Complexes Displaying Rigid Configuration at Metal Center: Design, Structures, Chiroptical Properties and Role of the Iodide Ligand. Chemistry, 2022, 4, 156-167.	0.9	0