

# Marion Jean

## List of Publications by Citations

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69

papers

1,114

citations

16

h-index

31

g-index

81

ext. papers

1,434

ext. citations

5.5

avg, IF

4.32

L-index

#	Paper	IF	Citations
69	Enantioselective Syntheses of Furan Atropisomers by an Oxidative Central-to-Axial Chirality Conversion Strategy. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 2140-2143	16.4	139
68	Combining Organocatalysis with Central-to-Axial Chirality Conversion: Atroposelective Hantzsch-Type Synthesis of 4-Arylpyridines. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 1401-5	16.4	115
67	Enantiopure Cycloiridiated Complexes Bearing a Pentahelicenic N-Heterocyclic Carbene and Displaying Long-Lived Circularly Polarized Phosphorescence. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 8236-8239	16.4	110
66	Exciton coupling in diketopyrrolopyrrole-helicene derivatives leads to red and near-infrared circularly polarized luminescence. <i>Chemical Science</i> , <b>2018</b> , 9, 735-742	9.4	82
65	Conformational changes and chiroptical switching of enantiopure bis-helicenic terpyridine upon Zn(2+) binding. <i>Chemical Communications</i> , <b>2016</b> , 52, 5932-5	5.8	69
64	Synthesis and Chiroptical Properties of Hexa-, Octa-, and Deca-azaborahelicenes: Influence of Helicene Size and of the Number of Boron Atoms. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 407-418	4.8	68
63	Steric Scale of Common Substituents from Rotational Barriers of N-(o-Substituted aryl)thiazoline-2-thione Atropisomers. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 10188-10200	4.2	34
62	Peptide Couplings by Reactive Extrusion: Solid-Tolerant and Free from Carcinogenic, Mutagenic and Reprotoxic Chemicals. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 16001-16004	8.3	31
61	Bis-4-aza[6]helicene: A Bis-helicenic 2,2RBipyridine with Chemically Triggered Chiroptical Switching Activity. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 5383-5393	4.2	28
60	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> , <b>2012</b> , 1269, 82-93	4.5	21
59	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> , <b>2020</b> ,	16.4	20
58	Large-Scale Synthesis of Enantiopure Molecular Cages: Chiroptical and Recognition Properties. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 2068-2074	4.8	19
57	Cyclobishelicenes: Shape-Persistent Figure-Eight Aromatic Molecules with Promising Chiroptical Properties. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 14364-14369	4.8	18
56	Stereospecific Synthesis of $\Delta$ and $\Lambda$ -Hydroxyalkyl P-Stereogenic Phosphine-Boranes and Functionalized Derivatives: Evidence of the P=O Activation in the BH <sub>3</sub> -Mediated Reduction. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 15607-21	4.8	18
55	From Prochiral N-Heterocyclic Carbenes to Optically Pure Metal Complexes: New Opportunities in Asymmetric Catalysis. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 93-98	16.4	17
54	Synthesis, Resolution, and Absolute Configuration of Chiral Tris(2-pyridylmethyl)amine-Based Hemicyrptophane Molecular Cages. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 6082-6088	4.2	16
53	The Hydroxyalkyl Moiety As a Protecting Group for the Stereospecific Alkylation of Masked Secondary Phosphine-Boranes. <i>Organic Letters</i> , <b>2016</b> , 18, 140-3	6.2	15

52	Epimerization-Free C-Term Activation of Peptide Fragments by Ball Milling. <i>Organic Letters</i> , <b>2021</b> , 23, 631-635	6.2	15
51	Attempts to separate (-)- $\beta$ -hujone, (+)- $\beta$ -hujone epimers from camphor enantiomers by enantioselective HPLC with polarimetric detection. <i>Journal of Separation Science</i> , <b>2013</b> , 36, 832-9	3.4	14
50	Chiral Diketopyrrolopyrrole-Helicene Polymer With Efficient Red Circularly Polarized Luminescence. <i>Frontiers in Chemistry</i> , <b>2020</b> , 8, 237	5	14
49	Synthesis of Carbo[6]helicene Derivatives Grafted with Amino or Aminoester Substituents from Enantiopure [6]Helicenyl Boronates. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 484-490	4.2	14
48	Simultaneous Control of Central and Helical Chiralities: Expedient Helicoselective Synthesis of Dioxa[6]helicenes. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 16199-16204	16.4	13
47	Analysis of the major chiral compounds of Artemisia herba-alba essential oils (EOs) using reconstructed vibrational circular dichroism (VCD) spectra: En route to a VCD chiral signature of EOs. <i>Analytica Chimica Acta</i> , <b>2016</b> , 903, 121-30	6.6	11
46	High-Relaxivity Gd(III)-Hemicryptophane Complex. <i>Organic Letters</i> , <b>2019</b> , 21, 1999-2003	6.2	10
45	Enantio- and Substrate-Selective Recognition of Chiral Neurotransmitters with -Symmetric Switchable Receptors. <i>Organic Letters</i> , <b>2020</b> , 22, 891-895	6.2	10
44	Cyclotrimeratrylene-BINOL-Based Host Compounds: Synthesis, Absolute Configuration Assignment, and Recognition Properties. <i>Journal of Organic Chemistry</i> , <b>2016</b> , 81, 3199-205	4.2	10
43	Atropisomerization in N-aryl-2(1H)-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> , <b>2013</b> , 78, 12577-84	4.2	9
42	Unique Class of Enantiopure N-Heterocyclic Carbene Half-Sandwich Iridium(III) Complexes with Stable Configurations: Probing Five-Membered versus Six-Membered Iridacycles. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 2930-2933	5.1	9
41	Isolation of the major chiral compounds from Bubonium graveolens essential oil by HPLC and absolute configuration determination by VCD. <i>Chirality</i> , <b>2017</b> , 29, 70-79	2.1	8
40	Synthesis of a Novel Rhizobitoxine-Like Triazole-Containing Amino Acid. <i>Synlett</i> , <b>2016</b> , 27, 2685-2688	2.2	8
39	Chiroptical properties of cryptophane-111. <i>Physical Chemistry Chemical Physics</i> , <b>2017</b> , 19, 18303-18310	3.6	8
38	New chiral cyclooctatriene-based polycyclic architectures. <i>Organic Letters</i> , <b>2011</b> , 13, 4450-3	6.2	8
37	Circularly Polarized Fluorescent Helicene-Boranils: Synthesis, Photophysical and Chiroptical Properties. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 7959-7967	4.8	8
36	Enantiopure C-Cyclotrimeratrylene with a Reversed Spatial Arrangement of the Substituents. <i>Organic Letters</i> , <b>2019</b> , 21, 160-165	6.2	8
35	Synthesis, resolution, and chiroptical properties of hemicryptophane cage controlling the chirality of propeller arrangement of a C triamide unit. <i>Chirality</i> , <b>2019</b> , 31, 910-916	2.1	7

34	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> , <b>2018</b> , 126, 101-112	7.8	7
33	Two-Photon Absorbing AIEgens: Influence of Stereoconfiguration on Their Crystallinity and Spectroscopic Properties and Applications in Bioimaging. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 55157-55168	9.5	7
32	Chiroptical fingerprints to characterize lavender and lavandin essential oils. <i>Journal of Chromatography A</i> , <b>2020</b> , 1610, 460568	4.5	7
31	Experimental and Theoretical Study of the Complexation of Cesium and Thallium Cations by a Water-Soluble Cryptophane. <i>ChemistrySelect</i> , <b>2017</b> , 2, 5292-5300	1.8	6
30	Oxidative Coupling of an Enaminoporphyrin: C=C, N=N Linkages or Both?. <i>Asian Journal of Organic Chemistry</i> , <b>2015</b> , 4, 1294-1300	3	6
29	Unusual Chiroptical Properties of the Cryptophane-222 Skeleton. <i>Journal of Physical Chemistry B</i> , <b>2016</b> , 120, 12650-12659	3.4	6
28	The Chemo- and Stereoselective Formation of Pallado- and Platinocryptophanes. <i>European Journal of Inorganic Chemistry</i> , <b>2019</b> , 2019, 2691-2706	2.3	5
27	Synthesis and chiroptical properties of organometallic complexes of helicenic N-heterocyclic carbenes. <i>Chirality</i> , <b>2019</b> , 31, 1005-1013	2.1	5
26	Organocopper triggered cyclization of conjugated dienes via tandem SN2/Alder-ene reaction. <i>Organic Chemistry Frontiers</i> , <b>2018</b> , 5, 769-776	5.2	5
25	Chiral Fidelity in the Diastereoselective and Enantiospecific Synthesis of Indenes from Axially Chiral Benzylidene Cyclanes. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 8375-8379	4.8	4
24	Effect of substituents on the configurational stability of the stereogenic nitrogen in metal(II) complexes of amino acid Schiff bases. <i>Chirality</i> , <b>2019</b> , 31, 401-409	2.1	4
23	Enantioselective Complexation of Chiral Oxirane Derivatives by an Enantiopure Cryptophane in Water. <i>European Journal of Organic Chemistry</i> , <b>2018</b> , 2018, 1601-1607	3.2	4
22	On the Enantioselective Phosphoric-Acid-Catalyzed Hantzsch Synthesis of Polyhydroquinolines. <i>Organic Letters</i> , <b>2021</b> , 23, 3394-3398	6.2	4
21	Improved synthesis, resolution, absolute configuration determination and biological evaluation of HLM006474 enantiomers. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2019</b> , 29, 380-382	2.9	4
20	Chromatographic approach to study the configurational stability of Ni(II) complexes of amino-acid Schiff bases possessing stereogenic nitrogen. <i>Chirality</i> , <b>2019</b> , 31, 328-335	2.1	3
19	Atropisomerism in a 10-Membered Ring with Multiple Chirality Axes: (3 Z,9 Z)-1,2,5,8-Dithiadiazecine-6,7(5 H,8 H)-dione Series. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 7566-7573	4.2	3
18	Are the Physical Properties of Xe@Cryptophane Complexes Easily Predictable? The Case of - and -Tris-aza-Cryptophanes. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 7648-7658	4.2	3
17	Closed vs Open-Shell CTV Based Host Compounds: A Direct Comparison. <i>ChemistrySelect</i> , <b>2016</b> , 1, 6316-6320	6.3	3

16	Exciton coupling chirality in helicene-porphyrin conjugates. <i>Chemical Communications</i> , <b>2021</b> , 57, 10743-10746	3.46	3
15	Racemization and transesterification of alkyl hydrogenophenylphosphinates. <i>Journal of Molecular Modeling</i> , <b>2017</b> , 23, 168	2	2
14	Enantiopure, luminescent, cyclometalated Ir(III) complexes with N-heterocyclic carbene-naphthalimide chromophore: design, vibrational circular dichroism and TD-DFT calculations.. <i>Dalton Transactions</i> , <b>2022</b> ,	4.3	2
13	Enantiopure encaged Verkade® superbases: Synthesis, chiroptical properties, and use as chiral derivatizing agent. <i>Chirality</i> , <b>2020</b> , 32, 139-146	2.1	2
12	Umpolung Reactivity of in Situ Generated Phosphido-Boranes: An Entry to P-Stereogenic Aminophosphine-Boranes. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 4551-4557	4.2	2
11	Synthesis of Protected 3,4- and 2,3-Dimercaptophenylalanines as Building Blocks for $\alpha$ -Peptide Synthesis and Incorporation of the 3,4-Analogue in a Decapeptide Using Solid-Phase Synthesis. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 2210-2223	4.2	2
10	Chiroptical study of cryptophanes subjected to self-encapsulation. <i>Chirality</i> , <b>2019</b> , 31, 481-491	2.1	1
9	Regioselective addition of DDQ on a quinoid ring: an entry into chiral zwitterionic bridging ligands. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 8247-8252	3.6	1
8	A forgotten chiral spiro compound revisited: 3,3Rdimethyl-3H,3R-2,2Rspirobi[[1,3]benzothiazole]. <i>Chirality</i> , <b>2015</b> , 27, 716-21	2.1	1
7	Hemicryptophane Cages with a $\beta$ -Symmetric Cyclotrimeratrylene Unit. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 15055-15062	4.2	1
6	Synthesis and Properties of Partially Saturated Fluorenyl-Derived [n]Helicenes Featuring an Overcrowded Alkene. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 7722-7730	4.8	1
5	C <sub>1</sub> -Symmetric Atropisomeric NHC Palladium(II) Complexes: Synthesis, Resolution and Characterization. <i>Advanced Synthesis and Catalysis</i> , <b>2021</b> , 363, 4229-4238	5.6	0
4	Slight structural modulation around a pivotal bond: high impact on enantiomeric stability. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 16039-16047	3.6	
3	Tunable P-Stereogenic P,N-Phosphine Ligands Design: Synthesis and Coordination Chemistry to Palladium. <i>ChemistrySelect</i> , <b>2018</b> , 3, 12281-12286	1.8	
2	Enantiopure Cyclometalated Rh(III) and Ir(III) Complexes Displaying Rigid Configuration at Metal Center: Design, Structures, Chiroptical Properties and Role of the Iodide Ligand. <i>Chemistry</i> , <b>2022</b> , 4, 156-167	2.1	1
1	Alkynylgold(I) C-Chiral Concave Complexes: Aggregation and Luminescence.. <i>Chemistry - A European Journal</i> , <b>2021</b> , e202103759	4.8	