

# Jean-Valere Naubron

## List of Publications by Year in descending order

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51  
papers

1,879  
citations

331538

21  
h-index

254106

43  
g-index

58  
all docs

58  
docs citations

58  
times ranked

2436  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dissipative Acid-Fueled Reprogrammable Supramolecular Materials. ACS Applied Materials & Interfaces, 2022, 14, 24720-24728.	4.0	16
2	Allosteric Guest Binding in Chiral Zirconium(IV) Double Decker Porphyrin Cages. European Journal of Organic Chemistry, 2021, 2021, 607-617.	1.2	2
3	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. Journal of Organic Chemistry, 2021, 86, 2210-2223.	1.7	6
4	Quinolizidine Alkaloids from <i>Cylicomorpha solmsii</i> . Journal of Natural Products, 2021, 84, 1198-1202.	1.5	3
5	Chemically Fueled Three-State Chiroptical Switching Supramolecular Gel with Temporal Control. Journal of the American Chemical Society, 2021, 143, 12650-12657.	6.6	42
6	Stereoselective Syntheses, Structures, and Properties of Extremely Distorted Chiral Nanographenes Embedding Hextuple Helicenes. Angewandte Chemie - International Edition, 2020, 59, 3264-3271.	7.2	67
7	Stereoselective Syntheses, Structures, and Properties of Extremely Distorted Chiral Nanographenes Embedding Hextuple Helicenes. Angewandte Chemie, 2020, 132, 3290-3297.	1.6	29
8	Absolute configuration and host-guest binding of chiral porphyrin-cages by a combined chiroptical and theoretical approach. Nature Communications, 2020, 11, 4776.	5.8	25
9	Simultaneous Control of Central and Helical Chiralities: Expedient Helicoselective Synthesis of Dioxo[6]helicenes. Journal of the American Chemical Society, 2020, 142, 16199-16204.	6.6	36
10	Strategic Stereoselective Halogen (F, Cl) Insertion: A Tool to Enhance Supramolecular Properties in Polyols. Chemistry - A European Journal, 2019, 25, 15098-15105.	1.7	13
11	Improved synthesis, resolution, absolute configuration determination and biological evaluation of HLM006474 enantiomers. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 380-382.	1.0	13
12	Structural Elucidation and Cytotoxicity of a New 17-Membered Ring Lactone from Algerian <i>Eryngium campestre</i> . Molecules, 2018, 23, 3250.	1.7	10
13	Noncontact AFM and differential reflectance spectroscopy joint analyses of bis-pyrenyl thin films on bulk insulators: Relationship between structural and optical properties. Physical Review B, 2018, 97, .	1.1	3
14	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. Journal of Organic Chemistry, 2018, 83, 7566-7573.	1.7	3
15	Frozen Chirality of Tertiary Aromatic Amides: Access to Enantioenriched Tertiary $\alpha$ -Amino Acid or Amino Alcohol without Chiral Reagent. Chemistry - A European Journal, 2017, 23, 5787-5798.	1.7	5
16	Racemization and transesterification of alkyl hydrogenophenylphosphinates. Journal of Molecular Modeling, 2017, 23, 168.	0.8	3
17	Isolation of the major chiral compounds from <i>Bubonium graveolens</i> essential oil by HPLC and absolute configuration determination by VCD. Chirality, 2017, 29, 70-79.	1.3	12
18	Chiral Nanographene Propeller Embedding Six Enantiomerically Stable [5]Helicene Units. Journal of the American Chemical Society, 2017, 139, 18508-18511.	6.6	146

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19	A switchable dual organocatalytic system and the enantioselective total synthesis of the quadrane sesquiterpene suberosanone. <i>Chemical Communications</i> , 2016, 52, 6565-6568.	2.2	25
20	Formation, Characterization, and Reactivity of a Nonheme Oxoiron(IV) Complex Derived from the Chiral Pentadentate Ligand asN4Py. <i>Inorganic Chemistry</i> , 2016, 55, 10090-10093.	1.9	31
21	A switchable self-assembling and disassembling chiral system based on a porphyrin-substituted phenylalanineâ€“phenylalanine motif. <i>Nature Communications</i> , 2016, 7, 12657.	5.8	75
22	On-Demand Cyclophanes: Substituent-Directed Self-Assembling, Folding, and Binding. <i>Journal of Organic Chemistry</i> , 2016, 81, 654-661.	1.7	18
23	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
24	A Forgotten Chiral Spiro Compound Revisited: 3,3'-Dimethylâ€“2,2'-Spiro[[1,3]benzothiazole]. <i>Chirality</i> , 2015, 27, 716-721.	1.3	2
25	Stereospecific Synthesis of $\hat{1}\pm$ and $\hat{2}\pm$ Hydroxyalkyl Pâ€“Stereogenic Phosphineâ€“Boranes and Functionalized Derivatives: Evidence of the $\text{Pi}\frac{3}{4}\text{O}$ Activation in the $\text{BH}\langle\text{sub}\rangle 3\langle\text{sub}\rangle$ â€“Mediated Reduction. <i>Chemistry - A European Journal</i> , 2015, 21, 15607-15621.	1.7	21
26	Organocopperâ€“Triggered Cyclisation of Conjugated Dieneâ€“ynes: Diastereoâ€“and Enantioselective Synthesis of Indenes. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 3611-3616.	2.1	9
27	Absolute Configuration Determination of Azulenyl Diols Isolated From Asymmetric Pinacol Coupling. <i>Chirality</i> , 2015, 27, 826-834.	1.3	3
28	Synthesis, resolution, and determination of absolute configuration of protected $\hat{1}\pm$ -ethynylphenylalanine enantiomers. <i>Amino Acids</i> , 2015, 47, 899-907.	1.2	6
29	Vibrational and electronic circular dichroism studies on the axially chiral pyridine-N-oxide: trans-2,6-di-ortho-tolyl-3,4,5-trimethylpyridine-N-oxide. <i>Tetrahedron: Asymmetry</i> , 2015, 26, 1043-1049.	1.8	3
30	Origin of the Enantioselectivity in Organocatalytic Michael Additions of $\hat{1}\pm$ Ketoamides to $\hat{1}\pm, \hat{1}\pm$ Unsaturated Carbonyls: A Combined Experimental, Spectroscopic and Theoretical Study. <i>Chemistry - A European Journal</i> , 2015, 21, 778-790.	1.7	35
31	Vibrational circular dichroism of 2,6-di-sec-butyl-4-methylpyridine and 2,6-di-sec-butyl-4-methylpyridine-N-oxide: theoretical evidence on the existence of multiple â€“CH, â€“CH <sub>2</sub> , and â€“CH <sub>3</sub> â€“O intramolecular hydrogen bonds on the nitroxide oxygen. <i>Tetrahedron: Asymmetry</i> , 2014, 25, 725-735.	1.8	3
32	Double Transfer of Chirality in Organocopperâ€“Mediated bis(Alkylating) Cycloisomerization of Eneidyne. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 3227-3231.	7.2	35
33	Electron Cryoâ€“Microscopy of TPPS <sub>4</sub> ...2HCl Tubes Reveals a Helical Organisation Explaining the Origin of their Chirality. <i>ChemPhysChem</i> , 2013, 14, 3209-3214.	1.0	64
34	Cooperative Use of VCD and XRD for the Determination of Tetrahydrobenzoisoquinolines Absolute Configuration: A Reliable Proof of Memory of Chirality and Retention of Configuration in Eneidyne Rearrangements. <i>Chirality</i> , 2013, 25, 832-839.	1.3	5
35	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
36	Atropisomeric Chiral Probes to Study the Supramolecular Organization in Porphyrin Selfâ€“Assemblies. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 6526-6536.	1.2	5

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37	Size Reduction of CdSe/ZnS Quantum Dots by a Peptidic Amyloid Supergelator. ACS Applied Materials & Interfaces, 2012, 4, 1178-1181.	4.0	12
38	Silica-Catalysed and Highly Stereoselective Convergent and Nonconvergent Rearrangements of Menthone Enol Acetate Epoxides: Easy Access to the Four 1,2-Hydroxymenthone Stereoisomers. European Journal of Organic Chemistry, 2012, 2012, 4365-4372.	1.2	7
39	Water coordinated zinc dioxo-chlorin and porphyrin self-assemblies as chlorosomal mimics: variability of supramolecular interactions. Photochemical and Photobiological Sciences, 2012, 11, 1069-1080.	1.6	13
40	XRD and VCD: a marriage of love or convenience? Honeymoon around a cyclic urea derivative. Acta Crystallographica Section C: Crystal Structure Communications, 2012, 68, o247-o252.	0.4	3
41	New Chiral Cyclooctatriene-Based Polycyclic Architectures. Organic Letters, 2011, 13, 4450-4453.	2.4	10
42	Determination of the absolute configuration of 1,3,5-triphenyl-4,5-dihydropyrazole enantiomers by a combination of VCD, ECD measurements, and theoretical calculations. Tetrahedron: Asymmetry, 2011, 22, 1120-1124.	1.8	11
43	Cyclometalated N-Heterocyclic Carbene-Platinum Catalysts for the Enantioselective Cycloisomerization of Nitrogen-Tethered 1,6-Enynes. Advanced Synthesis and Catalysis, 2011, 353, 1109-1124.	2.1	49
44	Vibrational Spectroscopy: Structural Analysis from Molecules to Nanomaterials. International Journal of Spectroscopy, 2011, 2011, 1-2.	1.4	0
45	The absolute configuration of an inherently chiral phosphonocavitand and its use toward the enantioselective recognition of l-adrenaline. Tetrahedron: Asymmetry, 2010, 21, 1534-1541.	1.8	25
46	Ridge-Tile-like Chiral Topology: Synthesis, Resolution, and Complete Chiroptical Characterization of Enantiomers of Edge-Sharing Binuclear Square Planar Complexes of Ni(II) Bearing Achiral Ligands. Journal of the American Chemical Society, 2010, 132, 10477-10483.	6.6	41
47	Catalyzed Dehydrogenative Coupling of Primary Alcohols with Water, Methanol, or Amines. Angewandte Chemie - International Edition, 2009, 48, 559-563.	7.2	461
48	Enantioselective alkylidenecyclopropanation of norbornenes with terminal alkynes catalyzed by palladium-phosphinous acid complexes. Tetrahedron: Asymmetry, 2009, 20, 1912-1917.	1.8	39
49	Synthesis, Structural Analysis, and Chiral Investigations of Some Atropisomers with <i>trans</i> -Tetrahalogeno-1,3-butadiene Core. Journal of Organic Chemistry, 2009, 74, 9062-9070.	1.7	27
50	Ethanol as Hydrogen Donor: Highly Efficient Transfer Hydrogenations with Rhodium(I) Amides. Angewandte Chemie - International Edition, 2008, 47, 3245-3249.	7.2	176
51	Chromatographic Resolution, Solution and Crystal Phase Conformations, and Absolute Configuration of tert-Butyl(dimethylamino)phenylphosphine-Borane Complex. Journal of Organic Chemistry, 2006, 71, 5586-5593.	1.7	16