Jean-Valere Naubron

List of Publications by Year
in descending order

51	1,879	331538 21	254106 43
papers	citations	h-index	g-index

58	58	58	2436
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Catalyzed Dehydrogenative Coupling of Primary Alcohols with Water, Methanol, or Amines. Angewandte Chemie - International Edition, 2009, 48, 559-563.	7.2	461
2	Ethanol as Hydrogen Donor: Highly Efficient Transfer Hydrogenations with Rhodium(I) Amides. Angewandte Chemie - International Edition, 2008, 47, 3245-3249.	7.2	176
3	Chiral Nanographene Propeller Embedding Six Enantiomerically Stable [5]Helicene Units. Journal of the American Chemical Society, 2017, 139, 18508-18511.	6.6	146
4	A switchable self-assembling and disassembling chiral system based on a porphyrin-substituted phenylalanineâ€“phenylalanine motif. Nature Communications, 2016, 7, 12657.	5.8	75
5	Stereoselective Syntheses, Structures, and Properties of Extremely Distorted Chiral Nanographenes Embedding Hextuple Helicenes. Angewandte Chemie - International Edition, 2020, 59, 3264-3271.	7.2	67
6	Electron Cryoâ€Microscopy of TPPS₄â‹…2HCl Tubes Reveals a Helical Organisation Explaining the Origin of their Chirality. ChemPhysChem, 2013, 14, 3209-3214.	1.0	64
7	Cyclometalated Nâ€Heterocyclic Carbeneâ€Platinum Catalysts for the Enantioselective Cycloisomerization of Nitrogenâ€Tethered 1,6â€Enynes. Advanced Synthesis and Catalysis, 2011, 353, 1109-1124.	2.1	49
8	Chemically Fueled Three-State Chiroptical Switching Supramolecular Gel with Temporal Control. Journal of the American Chemical Society, 2021, 143, 12650-12657.	6.6	42
9	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
10	Enantioselective alkylidenecyclopropanation of norbornenes with terminal alkynes catalyzed by palladiumâ€“phosphinous acid complexes. Tetrahedron: Asymmetry, 2009, 20, 1912-1917.	1.8	39
11	Simultaneous Control of Central and Helical Chiralities: Expedient Helicoselective Synthesis of Dioxa[6]helicenes. Journal of the American Chemical Society, 2020, 142, 16199-16204.	6.6	36
12	Double Transfer of Chirality in Organocopperâ€Mediated bis(Alkylating) Cycloisomerization of Enediynes. Angewandte Chemie - International Edition, 2014, 53, 3227-3231.	7.2	35
13	Origin of the Enantioselectivity in Organocatalytic Michael Additions of Î²â€Ketoamides to Î±,Î²â€Unsaturated Carbonyls: A Combined Experimental, Spectroscopic and Theoretical Study. Chemistry - A European Journal, 2015, 21, 778-790.	1.7	35
14	Formation, Characterization, and Reactivity of a Nonheme Oxoiron(IV) Complex Derived from the Chiral Pentadentate Ligand asN4Py. Inorganic Chemistry, 2016, 55, 10090-10093.	1.9	31
15	Stereoselective Syntheses, Structures, and Properties of Extremely Distorted Chiral Nanographenes Embedding Hextuple Helicenes. Angewandte Chemie, 2020, 132, 3290-3297.	1.6	29
16	Synthesis, Structural Analysis, and Chiral Investigations of Some Atropisomers with EE-Tetrahalogeno-1,3-butadiene Core. Journal of Organic Chemistry, 2009, 74, 9062-9070.	1.7	27
17	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. Journal of Chromatography A, 2012, 1269, 82-93.	1.8	26
18	The absolute configuration of an inherently chiral phosphonatocavitand and its use toward the enantioselective recognition of l-adrenaline. Tetrahedron: Asymmetry, 2010, 21, 1534-1541.	1.8	25

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19	A switchable dual organocatalytic system and the enantioselective total synthesis of the quadrane sesquiterpene suberosanone. Chemical Communications, 2016, 52, 6565-6568.	2.2	25
20	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
21	Stereospecific Synthesis of Î±â€•and Î²â€Hydroxyalkyl Pâ€Stereogenic Phosphineâ€“Boranes and Functionalized Derivatives: Evidence of the Pï£¾O Activation in the BH₃â€Mediated Reduction. Chemistry - A European Journal, 2015, 21, 15607-15621.	1.7	21
22	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. Analytica Chimica Acta, 2016, 903, 121-130.	2.6	21
23	On-Demand Cyclophanes: Substituent-Directed Self-Assembling, Folding, and Binding. Journal of Organic Chemistry, 2016, 81, 654-661.	1.7	18
24	Chromatographic Resolution, Solution and Crystal Phase Conformations, and Absolute Configuration oftert-Butyl(dimethylamino)phenylphosphineâ^'Borane Complex. Journal of Organic Chemistry, 2006, 71, 5586-5593.	1.7	16
25	Dissipative Acid-Fueled Reprogrammable Supramolecular Materials. ACS Applied Materials & Interfaces, 2022, 14, 24720-24728.	4.0	16
26	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
27	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
28	Improved synthesis, resolution, absolute configuration determination and biological evaluation of HLM006474 enantiomers. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 380-382.	1.0	13
29	Size Reduction of CdSe/ZnS Quantum Dots by a Peptidic Amyloid Supergelator. ACS Applied Materials & Interfaces, 2012, 4, 1178-1181.	4.0	12
30	Isolation of the major chiral compounds from Bubonium graveolens essential oil by HPLC and absolute configuration determination by VCD. Chirality, 2017, 29, 70-79.	1.3	12
31	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
32	New Chiral Cyclooctatriene-Based Polycyclic Architectures. Organic Letters, 2011, 13, 4450-4453.	2.4	10
33	Structural Elucidation and Cytotoxicity of a New 17-Membered Ring Lactone from Algerian Eryngium campestre. Molecules, 2018, 23, 3250.	1.7	10
34	Organocopperâ€Triggered Cyclisation of Conjugated Dieneâ€ynes: Diastereoâ€•and Enantioselective Synthesis of Indenes. Advanced Synthesis and Catalysis, 2015, 357, 3611-3616.	2.1	9
35	Silicaâ€Catalysed and Highly Stereoselective Convergent and Nonconvergent Rearrangements of Menthone Enol Acetate Epoxides: Easy Access to the Four Î±â€Hydroxymenthone Stereoisomers. European Journal of Organic Chemistry, 2012, 2012, 4365-4372.	1.2	7
36	Synthesis, resolution, and determination of absolute configuration of protected Î±-ethynylphenylalanine enantiomers. Amino Acids, 2015, 47, 899-907.	1.2	6

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37	Synthesis of Protected 3,4- and 2,3-Dimercaptophenylalanines as Building Blocks for Fmoc-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
38	Atropisomeric Chiral Probes to Study the Supramolecular Organization in Porphyrin Selfâ€Assemblies. European Journal of Organic Chemistry, 2012, 2012, 6526-6536.	1.2	5
39	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 Enediyne Rearrangements. Chirality, 2013, 25, 832-839.	1.3	5
40	Frozen Chirality of Tertiary Aromatic Amides: Access to Enantioenriched Tertiary Î±â€Amino Acid or Amino Alcohol without Chiral Reagent. Chemistry - A European Journal, 2017, 23, 5787-5798.	1.7	5
41	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
42	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€“CH2, and â€“CH3â‹¯O intramolecular hydrogen bonds on the nitroxide oxygen. Tetrahedron: Asymmetry, 2014, 25, 725-735.	1.8	3
43	Absolute Configuration Determination of Azulenyl Diols Isolated From Asymmetric Pinacol Coupling. Chirality, 2015, 27, 826-834.	1.3	3
44	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. Tetrahedron: Asymmetry, 2015, 26, 1043-1049.	1.8	3
45	Racemization and transesterification of alkyl hydrogeno-phenylphosphinates. Journal of Molecular Modeling, 2017, 23, 168.	0.8	3
46	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
47	Atropisomerism in a 10-Membered Ring with Multiple Chirality Axes: (3Z,9Z)-1,2,5,8-Dithiadiazecine-6,7(5H,8H)-dione Series. Journal of Organic Chemistry, 2018, 83, 7566-7573.	1.7	3
48	Quinolizidine Alkaloids from Cylicomorpha solmsii. Journal of Natural Products, 2021, 84, 1198-1202.	1.5	3
49	A Forgotten Chiral Spiro Compound Revisited: 3,3'â€Dimethylâ€3H,3'Hâ€2,2'â€spirobi[[1,3]benzothiazole]. Chirality, 2015, 27, 716-721.	1.3	2
50	Allosteric Guest Binding in Chiral Zirconium(IV) Double Decker Porphyrin Cages. European Journal of Organic Chemistry, 2021, 2021, 607-617.	1.2	2
51	Vibrational Spectroscopy: Structural Analysis from Molecules to Nanomaterials. International Journal of Spectroscopy, 2011, 2011, 1-2.	1.4	0