

# Ojvind Davidsson

## List of Publications by Year in descending order

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31  
papers

841  
citations

471509

17  
h-index

501196

28  
g-index

33  
all docs

33  
docs citations

33  
times ranked

615  
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of Small-Molecule Crystal Structures To Address Solubility in a Novel Series of G Protein Coupled Receptor 119 Agonists: Optimization of a Lead and In Vivo Evaluation. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 5361-5379.	6.4	65
2	Toward Solution-State Structure. A <sup>6</sup> Li, <sup>1</sup> H HOESY NMR, X-ray Diffraction, Semiempirical (PM3, MNDO), and ab Initio Computational Study of a Chiral Lithium Amide. <i>Journal of the American Chemical Society</i> , 1998, 120, 8143-8149.	13.7	63
3	Solution structure of a key intermediate used in asymmetric alkylation reactions. <sup>1</sup> H, <sup>1</sup> H-NOESY and <sup>6</sup> Li, <sup>1</sup> H-HOESY studies of mixtures of a chiral lithium amide and n-butyllithium. <i>Journal of Organometallic Chemistry</i> , 1995, 489, 175-179.	1.8	62
4	Chiral Lithium Amide/Solute Complexes: X-ray Crystallographic and NMR Spectroscopic Studies. <i>Organometallics</i> , 1997, 16, 3352-3362.	2.3	51
5	Rational Design of Chiral Lithium Amides for Asymmetric Alkylation Reactions-NMR Spectroscopic Studies of Mixed Lithium Amide/Alkylolithium Complexes. <i>Chemistry - A European Journal</i> , 1999, 5, 2348-2355.	3.3	48
6	The Use of <sup>15</sup> N NMR Spectroscopy To Resolve the "Higher Order Cyanocuprate" Controversy: <sup>15</sup> N, <sup>6</sup> Li, and <sup>13</sup> C NMR Spectroscopic Investigations of CuCN-Derived Butyl Cuprates. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 314-317.	13.8	47
7	Enantioselective butylation of aliphatic aldehydes by mixed chiral lithium amide/n-BuLi dimers. <i>Tetrahedron: Asymmetry</i> , 1999, 10, 527-534.	1.8	41
8	Recent advances for FLAP inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 2607-2612.	2.2	40
9	Discovery of AZD6642, an Inhibitor of 5-Lipoxygenase Activating Protein (FLAP) for the Treatment of Inflammatory Diseases. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 897-911.	6.4	39
10	A Novel Mixed Dimer of a Norephedrine-Derived Chiral Lithium Amide and 2-Lithium-1-methylimidazole, and Catalytic Enantioselective Deprotonation of Cyclohexene Oxide. <i>Chemistry - A European Journal</i> , 2001, 7, 4368-4377.	3.3	38
11	Solution Structure of a Dilithiumamide/Diethylzinc Heterocomplex that Catalyzes Asymmetric Alkylation Reactions. <i>Chemistry - A European Journal</i> , 1999, 5, 2356-2361.	3.3	36
12	<sup>6</sup> Li and <sup>15</sup> N NMR Data as a Probe for the Influence of Solvent and Intramolecular Solvation on the Solution-State Structures of Chiral Lithium Amides. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 1467-1470.	13.8	35
13	Enantiomeric Perturbation of Equilibria. Differential Solvation of a Chiral Lithium Amide by the Enantiomers of 2-Methyltetrahydrofuran Measured by NMR Spectroscopy. <i>Journal of the American Chemical Society</i> , 1996, 118, 3539-3540.	13.7	24
14	Internal coordination and solvent effects upon hetero- and homocomplexation of chiral lithium amides: structure reactivity effects. <i>Journal of Organometallic Chemistry</i> , 2000, 608, 153-163.	1.8	22
15	Solid-phase supported chiral lithium amides used in deprotonation reactions. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 1261-1266.	1.8	22
16	Isoindolinone compounds active as Kv1.5 blockers identified using a multicomponent reaction approach. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 2023-2029.	2.2	18
17	The Structure of a Chiral Lithium Amidocuprate in Solution Determined by Multinuclear NMR Spectroscopy. <i>Journal of the American Chemical Society</i> , 2000, 122, 9310-9311.	13.7	17
18	On the Mechanism of Internal ortho-Lithiation in a Mixed Complex Between BuLi and a Chiral Lithium Amide. <i>Helvetica Chimica Acta</i> , 2002, 85, 3814-3822.	1.6	16

#	ARTICLE	IF	CITATIONS
19	Discovery, optimisation and in vivo evaluation of novel GPR119 agonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 7310-7316.	2.2	15
20	Evidence for a Lithium Amidocuprate/Cyclohexenone Complex in Solution. <i>Organometallics</i> , 2001, 20, 4763-4765.	2.3	14
21	Homo- and Heterocomplexes of Sodium and Lithium Amides Structures in Solution. <i>Chemistry - A European Journal</i> , 2001, 7, 3461.	3.3	14
22	Structure of [1.1]Ferrocenophanylithium in the Solution and the Solid State. Absence of an Intramolecular [C <sup>+</sup> H <sup>+</sup> C]- Hydrogen Bond. <i>Journal of the American Chemical Society</i> , 1997, 119, 1745-1750.	13.7	13
23	Chelate Ring Size Controls the Formation of Mixed Complexes Involving Butyllithium and Sodium Amides. <i>Organometallics</i> , 2002, 21, 2283-2292.	2.3	11
24	Asymmetry of the first directly observed intramolecular [C <sup>+</sup> H <sup>+</sup> C] hydrogen bond in the carbanion of [1.1]ferrocenophane demonstrated by dynamic n.m.r. spectroscopy. <i>Journal of the Chemical Society Chemical Communications</i> , 1987, , 623-624.	2.0	10
25	Crystal structure of ferrocenophanylithium: absence of an intramolecular C <sup>+</sup> H <sup>+</sup> C hydrogen bond. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 1573-1574.	2.0	10
26	Formation of Heterodimer Complexes between Analogous Chiral Lithium Amides: NMR Spectroscopic and Computational Studies. <i>Organometallics</i> , 2001, 20, 4185-4189.	2.3	10
27	Mechanism and Solvent Catalysis of the Degenerate 1,2-Metalations of [1.1]Ferrocenophanylithium and [1.1]Ferrocenophanylsodium Studied by NMR Spectroscopy. <i>Journal of the American Chemical Society</i> , 1997, 119, 1751-1757.	13.7	9
28	Lactam sulfonamides as potent inhibitors of the Kv1.5 potassium ion channel. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 1269-1273.	2.2	9
29	Monomeric <sup>6</sup> Li benzyl lithium in 2,5-dimethyltetrahydrofuran. NMR spectroscopic studies of <sup>6</sup> Li and <sup>13</sup> C labelled ferrocenophanyl lithium using <sup>13</sup> C- <sup>6</sup> Li coupling and <sup>6</sup> Li decoupling. <i>Journal of the Chemical Society Chemical Communications</i> , 1992, .	2.0	6
30	[1.1]Ferrocenophanes in solution? Anti orsyn isomers?. <i>Journal of Physical Organic Chemistry</i> , 1996, 9, 436-438.	1.9	5
31	Identification of novel GPR81 agonist lead series for target biology evaluation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 126953.	2.2	5