

Byron K Peters

List of Publications by Year in descending order

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14
papers

1,287
citations

840119

11
h-index

1058022

14
g-index

19
all docs

19
docs citations

19
times ranked

1350
citing authors

#	ARTICLE	IF	CITATIONS
1	A Survival Guide for the "Electro-curious": Accounts of Chemical Research, 2020, 53, 72-83.	7.6	431
2	Scalable and safe synthetic organic electroreduction inspired by Li-ion battery chemistry. Science, 2019, 363, 838-845.	6.0	305
3	Enantioselective Synthesis of Chiral Sulfones by Ir-Catalyzed Asymmetric Hydrogenation: A Facile Approach to the Preparation of Chiral Allylic and Homoallylic Compounds. Journal of the American Chemical Society, 2012, 134, 13592-13595.	6.6	96
4	Electroreductive Olefin-Ketone Coupling. Journal of the American Chemical Society, 2020, 142, 20979-20986.	6.6	86
5	An Enantioselective Approach to the Preparation of Chiral Sulfones by Ir-Catalyzed Asymmetric Hydrogenation. Journal of the American Chemical Society, 2014, 136, 16557-16562.	6.6	84
6	Electrochemical C(sp ³)-H Fluorination. Synlett, 2019, 30, 1178-1182.	1.0	66
7	Highly Enantioselective Asymmetric Isomerization of Primary Allylic Alcohols with an Iridium-N,P Complex. Chemistry - A European Journal, 2011, 17, 11143-11145.	1.7	61
8	Enantio- and Regioselective Ir-Catalyzed Hydrogenation of Di- and Trisubstituted Cycloalkenes. Journal of the American Chemical Society, 2016, 138, 11930-11935.	6.6	50
9	Chiral Hetero- and Carbocyclic Compounds from the Asymmetric Hydrogenation of Cyclic Alkenes. Chemistry - A European Journal, 2012, 18, 6507-6513.	1.7	42
10	Synthesis of tetrahydroisoquinoline-diamine ligands and their application in asymmetric transfer hydrogenation. Tetrahedron: Asymmetry, 2010, 21, 679-687.	1.8	26
11	Iridium-catalyzed asymmetric hydrogenation of olefins using TIQ phosphine-oxazoline ligands. Tetrahedron: Asymmetry, 2010, 21, 2295-2301.	1.8	21
12	The cyclobuta[b]quinoline alkaloid cyclomegistine from <i>Teclea gerrardii</i> I. Verd. (Toddalioideae: Tj ETQq0 0 0 rgBT / Overlock 10 Tf 50 30 0.6 9		
13	Formal Total Synthesis of Aliskiren. Chemistry - A European Journal, 2015, 21, 7292-7296.	1.7	9
14	An unexpected re-arrangement of the antibiotic carbapenem core to new 1,4-diazepin-5-one scaffolds. RSC Advances, 2018, 8, 190-193.	1.7	1