

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". <i>Accounts of Chemical Research</i> , 2020, 53, 72-83.	7.6	431
2	Electroreductive Olefin-Ketone Coupling. <i>Journal of the American Chemical Society</i> , 2020, 142, 20979-20986.	6.6	86
3	Electrochemical C(sp ³)-H Fluorination. <i>Synlett</i> , 2019, 30, 1178-1182.	1.0	66
4	Scalable and safe synthetic organic electroreduction inspired by Li-ion battery chemistry. <i>Science</i> , 2019, 363, 838-845.	6.0	305
5	An unexpected re-arrangement of the antibiotic carbapenem core to new 1,4-diazepin-5-one scaffolds. <i>RSC Advances</i> , 2018, 8, 190-193.	1.7	1
6	Enantio- and Regioselective Ir-Catalyzed Hydrogenation of Di- and Trisubstituted Cycloalkenes. <i>Journal of the American Chemical Society</i> , 2016, 138, 11930-11935.	6.6	50
7	Formal Total Synthesis of Aliskiren. <i>Chemistry - A European Journal</i> , 2015, 21, 7292-7296.	1.7	9
8	An Enantioselective Approach to the Preparation of Chiral Sulfones by Ir-Catalyzed Asymmetric Hydrogenation. <i>Journal of the American Chemical Society</i> , 2014, 136, 16557-16562.	6.6	84
9	Enantioselective Synthesis of Chiral Sulfones by Ir-Catalyzed Asymmetric Hydrogenation: A Facile Approach to the Preparation of Chiral Allylic and Homoallylic Compounds. <i>Journal of the American Chemical Society</i> , 2012, 134, 13592-13595.	6.6	96
10	Chiral Hetero- and Carbocyclic Compounds from the Asymmetric Hydrogenation of Cyclic Alkenes. <i>Chemistry - A European Journal</i> , 2012, 18, 6507-6513.	1.7	42
11	Highly Enantioselective Asymmetric Isomerization of Primary Allylic Alcohols with an Iridium-N,P Complex. <i>Chemistry - A European Journal</i> , 2011, 17, 11143-11145.	1.7	61
12	Iridium-catalyzed asymmetric hydrogenation of olefins using TIQ phosphine-oxazoline ligands. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 2295-2301.	1.8	21
13	Synthesis of tetrahydroisoquinoline-diamine ligands and their application in asymmetric transfer hydrogenation. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 679-687.	1.8	26
14	The cyclobuta[b]quinoline alkaloid cyclomegistine from <i>Teclea gerrardii</i> I. Verd. (Toddalioideae). <i>Tetrahedron</i> , 2010, 66, 1000-1006.	0.6	9