

David A Price

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

4,338
citations

257101

24
h-index

253896

43
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44
all docs

44
docs citations

44
times ranked

6116
citing authors

#	ARTICLE	IF	CITATIONS
1	The Future of Peptide-based Drugs. <i>Chemical Biology and Drug Design</i> , 2013, 81, 136-147.	1.5	1,483
2	Physicochemical drug properties associated with in vivo toxicological outcomes. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 4872-4875.	1.0	749
3	Structural Alert/Reactive Metabolite Concept as Applied in Medicinal Chemistry to Mitigate the Risk of Idiosyncratic Drug Toxicity: A Perspective Based on the Critical Examination of Trends in the Top 200 Drugs Marketed in the United States. <i>Chemical Research in Toxicology</i> , 2011, 24, 1345-1410.	1.7	569
4	Physicochemical drug properties associated with in vivo toxicological outcomes: a review. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2009, 5, 921-931.	1.5	131
5	Probing the Physicochemical Boundaries of Cell Permeability and Oral Bioavailability in Lipophilic Macrocycles Inspired by Natural Products. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 4581-4589.	2.9	112
6	Nonclassical Size Dependence of Permeation Defines Bounds for Passive Adsorption of Large Drug Molecules. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 1665-1672.	2.9	112
7	Overcoming HERG affinity in the discovery of the CCR5 antagonist maraviroc. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 4633-4637.	1.0	82
8	Exploring experimental and computational markers of cyclic peptides: Charting islands of permeability. <i>European Journal of Medicinal Chemistry</i> , 2015, 97, 202-213.	2.6	76
9	Inhalation by Design: Novel Ultra-Long-Acting β_2 -Adrenoreceptor Agonists for Inhaled Once-Daily Treatment of Asthma and Chronic Obstructive Pulmonary Disease That Utilize a Sulfonamide Agonist Headgroup. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 6640-6652.	2.9	72
10	Role of Physicochemical Properties and Ligand Lipophilicity Efficiency in Addressing Drug Safety Risks. <i>Annual Reports in Medicinal Chemistry</i> , 2010, , 380-391.	0.5	71
11	Using an in vitro cytotoxicity assay to aid in compound selection for in vivo safety studies. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 5308-5312.	1.0	61
12	Cyclic Penta- and Hexaleucine Peptides without N-Methylation Are Orally Absorbed. <i>ACS Medicinal Chemistry Letters</i> , 2014, 5, 1148-1151.	1.3	55
13	Discovery of Potent and Orally Bioavailable Macrocyclic Peptide-peptoid Hybrid CXCR7 Modulators. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 9653-9663.	2.9	54
14	Initial synthesis of UK-427,857 (Maraviroc). <i>Tetrahedron Letters</i> , 2005, 46, 5005-5007.	0.7	51
15	A Small-Molecule Oral Agonist of the Human Glucagon-like Peptide-1 Receptor. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 8208-8226.	2.9	42
16	Fluorescently Labeled Analogues of Dofetilide as High-Affinity Fluorescence Polarization Ligands for the Human Ether-a-go-go-Related Gene (hERG) Channel. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 2931-2941.	2.9	41
17	The discovery of long acting β_2 -adrenoreceptor agonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 4012-4015.	1.0	40
18	Short Hydrophobic Peptides with Cyclic Constraints Are Potent Glucagon-like Peptide-1 Receptor (GLP-1R) Agonists. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 4080-4085.	2.9	38

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19	Discovery of Fragment-Derived Small Molecules for in Vivo Inhibition of Ketohexokinase (KHK). <i>Journal of Medicinal Chemistry</i> , 2017, 60, 7835-7849.	2.9	35
20	The discovery of adamantyl-derived, inhaled, long acting $\hat{1}2$ -adrenoreceptor agonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 1280-1283.	1.0	34
21	The Discovery of CCR5 Receptor Antagonists for the Treatment of HIV Infection: Hit-to-Lead Studies. <i>ChemMedChem</i> , 2006, 1, 706-709.	1.6	33
22	Discovery of an <i>in Vivo</i> Tool to Establish Proof-of-Concept for MAP4K4-Based Antidiabetic Treatment. <i>ACS Medicinal Chemistry Letters</i> , 2015, 6, 1128-1133.	1.3	33
23	The discovery of indole-derived long acting $\hat{1}2$ -adrenoceptor agonists for the treatment of asthma and COPD. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 6188-6191.	1.0	29
24	Ligand biological activity predicted by cleaning positive and negative chemical correlations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 3373-3378.	3.3	26
25	Overcoming hERG Affinity in the Discovery of Maraviroc; A CCR5 Antagonist for the Treatment of HIV. <i>Current Topics in Medicinal Chemistry</i> , 2008, 8, 1140-1151.	1.0	24
26	Chiral Sulfoxide-Induced Single Turn Peptide $\hat{1}\pm$ -Helicity. <i>Scientific Reports</i> , 2016, 6, 38573.	1.6	22
27	Cyclic alpha-conotoxin peptidomimetic chimeras as potent GLP-1R agonists. <i>European Journal of Medicinal Chemistry</i> , 2015, 103, 175-184.	2.6	20
28	Comparative pharmacokinetic profile of cyclosporine (CsA) with a decapeptide and a linear analogue. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 2501-2506.	1.5	20
29	The Discovery of Tropane-derived CCR5 Receptor Antagonists. <i>Chemical Biology and Drug Design</i> , 2006, 67, 305-308.	1.5	19
30	Helixconstraints and amino acid substitution in GLP-1 increase cAMP and insulin secretion but not beta-arrestin 2 signaling. <i>European Journal of Medicinal Chemistry</i> , 2017, 127, 703-714.	2.6	19
31	Inhalation by design: Dual pharmacology $\hat{1}2$ -agonists/M3 antagonists for the treatment of COPD. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 2759-2763.	1.0	17
32	A Practical Synthesis of Piperidine-/Tropane-Substituted 1,2,4-Triazoles. <i>Synlett</i> , 2005, 2005, 1133-1134.	1.0	16
33	Identification of novel series of pyrazole and indole-urea based DFG-out PYK2 inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 7523-7529.	1.0	13
34	Medicinal Chemistry of Glucagon-Like Peptide Receptor Agonists. <i>Progress in Medicinal Chemistry</i> , 2013, 52, 45-96.	4.1	13
35	Revisiting N-to-O Acyl Shift for Synthesis of Natural Product-like Cyclic Depsipeptides. <i>Organic Letters</i> , 2014, 16, 6088-6091.	2.4	11
36	Modulation of adipose tissue thermogenesis as a method for increasing energy expenditure. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 425-429.	1.0	11

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37	Truncated Glucagon-like Peptide-1 and Exendin-4 $\hat{\pm}$ -Conotoxin p14a Peptide Chimeras Maintain Potency and $\hat{\pm}$ -Helicity and Reveal Interactions Vital for cAMP Signaling in Vitro. <i>Journal of Biological Chemistry</i> , 2016, 291, 15778-15787.	1.6	10
38	Amine promiscuity and toxicology analysis. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 653-657.	1.0	9
39	Progress in the Development of Inhaled, Long-Acting $\hat{\pm}$ 2-Adrenoceptor Agonists. <i>Annual Reports in Medicinal Chemistry</i> , 2006, 41, 237-248.	0.5	8
40	Optimized glucuronidation of dual pharmacology $\hat{\pm}$ 2-agonists/M3 antagonists for the treatment of COPD. <i>MedChemComm</i> , 2011, 2, 870.	3.5	7
41	Small molecules that promote regenerative repair for pancreatic and cardiovascular health. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 5465-5471.	1.0	4