

Andrew J Peat

List of Publications by Year in descending order

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36
papers

1,803
citations

304368

22
h-index

344852

36
g-index

36
all docs

36
docs citations

36
times ranked

2128
citing authors

#	ARTICLE	IF	CITATIONS
1	Pharmacological regulation of insulin secretion in MIN6 cells through the fatty acid receptor GPR40: identification of agonist and antagonist small molecules. <i>British Journal of Pharmacology</i> , 2006, 148, 619-628.	2.7	359
2	Open-Air Alkylation Reactions in Photoredox-Catalyzed DNA-Encoded Library Synthesis. <i>Journal of the American Chemical Society</i> , 2019, 141, 3723-3732.	6.6	250
3	Novel Syntheses of Tetrahydropyrroloquinolines: Applications to Alkaloid Synthesis. <i>Journal of the American Chemical Society</i> , 1996, 118, 1028-1030.	6.6	117
4	Synthesis and activity of small molecule GPR40 agonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 1840-1845.	1.0	104
5	Titanocene-Based Method for Indole Synthesis. <i>Journal of the American Chemical Society</i> , 1998, 120, 3068-3073.	6.6	71
6	Solid phase synthesis and SAR of small molecule agonists for the GPR40 receptor. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 1584-1589.	1.0	66
7	Novel pyrazolopyrimidine derivatives as GSK-3 inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 2121-2125.	1.0	62
8	Rational Design of Potent Non-Nucleoside Inhibitors of HIV-1 Reverse Transcriptase. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 10601-10609.	2.9	48
9	Novel GSK-3 inhibitors with improved cellular activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 2127-2130.	1.0	47
10	Synthesis and Reactions of 3-(Bromomethyl)-1-carbethoxy-4-iodoindole: The Preparation of 3,4-Differentially Substituted Indoles. <i>Journal of Organic Chemistry</i> , 1994, 59, 7164-7168.	1.7	46
11	Discovery of a Potent Boronic Acid Derived Inhibitor of the HCV RNA-Dependent RNA Polymerase. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 1902-1913.	2.9	46
12	Imidazo[1,2- <i>a</i>]pyridines That Directly Interact with Hepatitis C NS4B: Initial Preclinical Characterization. <i>ACS Medicinal Chemistry Letters</i> , 2012, 3, 565-569.	1.3	45
13	Hepatitis C Replication Inhibitors That Target the Viral NS4B Protein. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 2107-2120.	2.9	45
14	Synthesis and evaluation of novel heterocyclic inhibitors of GSK-3. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 2091-2094.	1.0	44
15	The discovery and optimization of pyrimidinone-containing MCH R1 antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 4723-4727.	1.0	44
16	Multi-Modal Imaging with a Toolbox of Influenza A Reporter Viruses. <i>Viruses</i> , 2015, 7, 5319-5327.	1.5	40
17	Design of <i>N</i> -Benzoxaborole Benzofuran GSK8175: Optimization of Human Pharmacokinetics Inspired by Metabolites of a Failed Clinical HCV Inhibitor. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 3254-3267.	2.9	40
18	A Combined Zirconocene Benzynes-Palladium Cross-Coupling Route to Substituted Biphenyls and Terphenyls. <i>Journal of the American Chemical Society</i> , 1999, 121, 9469-9470.	6.6	36

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19	Potent, Selective, and Orally Efficacious Antagonists of Melanin-Concentrating Hormone Receptor 1. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 7095-7107.	2.9	34
20	Encoded Library Technology Screening of Hepatitis C Virus NS4B Yields a Small-Molecule Compound Series with <i>In Vitro</i> Replicon Activity. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 3450-3459.	1.4	29
21	An anomalous case of diastereofacial selectivity in the addition of chiral allylstannanes to benzaldehyde: is the <i>inside alkoxy</i> effect involved?. <i>Tetrahedron Letters</i> , 1991, 32, 453-456.	0.7	28
22	Regioselective, Directed Meta Acylation of Aromatic Compounds. <i>Journal of the American Chemical Society</i> , 1998, 120, 9119-9125.	6.6	28
23	Design and synthesis of spirocyclic compounds as HCV replication inhibitors by targeting viral NS4B protein. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 2288-2294.	1.0	22
24	6-(4-Chlorophenyl)-3-substituted-thieno[3,2-d]pyrimidin-4(3H)-one-Based Melanin-Concentrating Hormone Receptor 1 Antagonist. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 7108-7118.	2.9	20
25	Efficacy and Safety of Danirixin (GSK1325756) Co-administered With Standard-of-Care Antiviral (Oseltamivir): A Phase 2b, Global, Randomized Study of Adults Hospitalized With Influenza. <i>Open Forum Infectious Diseases</i> , 2019, 6, ofz163.	0.4	20
26	Anthranilimide based glycogen phosphorylase inhibitors for the treatment of type 2 diabetes. Part 3: X-ray crystallographic characterization, core and urea optimization and <i>in vivo</i> efficacy. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 1177-1182.	1.0	18
27	Conformational preferences of C1-oxygenated acyclic chiral alkenes: The effect of vinyl and allyl substituents. <i>Tetrahedron Letters</i> , 1993, 34, 1417-1420.	0.7	17
28	Randomized, Double-Blind, Placebo-Controlled Study of the Safety, Tolerability, and Clinical Effect of Danirixin in Adults With Acute, Uncomplicated Influenza. <i>Open Forum Infectious Diseases</i> , 2019, 6, ofz072.	0.4	16
29	3-Trifluoromethyl-4-nitro-5-arylpyrazoles are novel KATP channel agonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 813-816.	1.0	13
30	Synthesis and evaluation of 7-substituted-3-cyclobutylamino-4H-1,2,4-benzothiadiazine-1,1-dioxide derivatives as KATP channel agonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2002, 12, 2977-2980.	1.0	12
31	Preclinical Characterization and <i>In Vivo</i> Efficacy of GSK8853, a Small-Molecule Inhibitor of the Hepatitis C Virus NS4B Protein. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 6539-6550.	1.4	10
32	Anthranilimide-based glycogen phosphorylase inhibitors for the treatment of Type 2 diabetes: 2. Optimization of serine and threonine ether amino acid residues. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 981-985.	1.0	8
33	Anthranilimide-based glycogen phosphorylase inhibitors for the treatment of type 2 diabetes: 1. Identification of 1-amino-1-cycloalkyl carboxylic acid headgroups. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 976-980.	1.0	8
34	Synthesis of Nonracemic 2-Vinyl-monoprotected 1,3-Diols from the Reactions of Chiral Allylstannanes with Aldehydes. <i>Synthetic Communications</i> , 1991, 21, 1797-1802.	1.1	6
35	Rational Design to Large-Scale Synthesis: Development of GSK8175 for the Treatment of Hepatitis C Virus Infection. <i>ACS Symposium Series</i> , 2019, , 297-322.	0.5	2
36	A Novel One-Pot Synthesis of N-Substituted Thieno[3,2-d]pyrimidin-4(3H)-ones. <i>Heterocycles</i> , 2006, 70, 587.	0.4	2