Matthew A J Duncton

List of Publications by Year
in descending order

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25 papers	1,379 citations	623734 14 h-index	610901 24 g-index
30 all docs	30 docs citations	30 times ranked	2058 citing authors

#	Article	IF	Citations
1	Fragment- and structure-based drug discovery for developing therapeutic agents targeting the DNA Damage Response. Progress in Biophysics and Molecular Biology, 2021, 163, 130-142.	2.9	21
2	Early Drug Discovery and Development of Novel Cancer Therapeutics Targeting DNA Polymerase Eta (POLH). Frontiers in Oncology, 2021, 11, 778925.	2.8	5
3	Toward Orally Absorbed Prodrugs of the Antibiotic Aztreonam. Design of Novel Prodrugs of Sulfate Containing Drugs. Part 2. ACS Medicinal Chemistry Letters, 2020, 11, 162-165.	2.8	9
4	A Single-Step Synthesis of Azetidine-3-amines. Journal of Organic Chemistry, 2020, 85, 13317-13323.	3.2	4
5	Orally Absorbed Derivatives of the Î²-Lactamase Inhibitor Avibactam. Design of Novel Prodrugs of Sulfate Containing Drugs. Journal of Medicinal Chemistry, 2018, 61, 10340-10344.	6.4	43
6	Enantioselective synthesis of an octahydroindolizine (indolizidine) alcohol using an enzymatic resolution. Organic and Biomolecular Chemistry, 2017, 15, 2953-2961.	2.8	4
7	Tetrazolone as an acid bioisostere: application to marketed drugs containing a carboxylic acid. Organic and Biomolecular Chemistry, 2016, 14, 9343-9347.	2.8	15
8	Identification of orally-bioavailable antagonists of the TRPV4 ion-channel. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 4011-4015.	2.2	26
9	Discovery of potent, non-carbonyl inhibitors of fatty acid amide hydrolase (FAAH). MedChemComm, 2012, 3, 1258.	3.4	6
10	2-Amino-5-arylbenzoxazole derivatives as potent inhibitors of fatty acid amide hydrolase (FAAH). MedChemComm, 2012, 3, 611.	3.4	14
11	Minisci reactions: Versatile CH-functionalizations for medicinal chemists. MedChemComm, 2011, 2, 1135.	3.4	489
12	TRPV4 Agonists and Antagonists. Current Topics in Medicinal Chemistry, 2011, 11, 2216-2226.	2.1	157
13	5-Benzyloxytryptamine as an antagonist of TRPM8. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 7076-7079.	2.2	26
14	A singleâ€step preparation of thiazolo[5,4â€b]pyridineâ€and thiazolo[5,4â€c]pyridine derivatives from chloronitropyridines and thioamides, or thioureas. Journal of Heterocyclic Chemistry, 2009, 46, 1125-1131.	2.6	10
15	Arylphthalazines as potent, and orally bioavailable inhibitors of VEGFR-2. Bioorganic and Medicinal Chemistry, 2009, 17, 731-740.	3.0	34
16	Mining biologically-active molecules for inhibitors of fatty acid amide hydrolase (FAAH): Identification of phenmedipham and amperozide as FAAH inhibitors. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 6793-6796.	2.2	8
17	Identification and characterization of novel TRPV4 modulators. Biochemical and Biophysical Research Communications, 2009, 389, 490-494.	2.1	201
18	Preparation of Heteroaryloxetanes and Heteroarylazetidines by Use of a Minisci Reaction. Journal of Organic Chemistry, 2009, 74, 6354-6357.	3.2	89

#	Article	IF	Citations
19	Preparation of Aryloxetanes and Arylazetidines by Use of an Alkylâ^'Aryl Suzuki Coupling. Organic Letters, 2008, 10, 3259-3262.	4.6	73
20	Efficient Preparation of ((3â€²Chloroâ€²2â€²fluoroâ€²phenyl)â€²[7â€²methoxyâ€²8â€²(3â€²morpholinâ€²4â€²ylâ€²propoxy)â€²10,11â€²dihydroâ€²5â€²6aâ€²2,4,11â€²triaza for Inâ€²Vivo Study. Synthetic Communications, 2006, 36, 347-354.		
21	Arylphthalazines. Part 2: 1-(Isoquinolin-5-yl)-4-arylamino phthalazines as potent inhibitors of VEGF receptors I and II. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 1579-1581.	2.2	30
22	Novel tricyclic azepine derivatives: Biological evaluation of pyrimido[4,5-b]-1,4-benzoxazepines, thiazepines, and diazepines as inhibitors of the epidermal growth factor receptor tyrosine kinase. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 5102-5106.	2.2	32
23	Arylphthalazines: Identification of a New Phthalazine Chemotype as Inhibitors of VEGFR Kinase.. ChemInform, 2006, 37, no.	0.0	0
24	Arylphthalazines: Identification of a new phthalazine chemotype as inhibitors of VEGFR kinase. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 4696-4698.	2.2	49
25	Preparation of Substituted Pyrimido[4,5-b]-1,4-benzoxazepines, Thiazepines, and Diazepines via a Pictetâ^'Spengler Cyclization. Journal of Organic Chemistry, 2005, 70, 9629-9631.	3.2	32