# Matthew A J Duncton

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5271064/publications.pdf

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

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Minisci reactions: Versatile CH-functionalizations for medicinal chemists. MedChemComm, 2011, 2, 1135. | 3.4 | 489 |
| 2 | Identification and characterization of novel TRPV4 modulators. Biochemical and Biophysical Research Communications, 2009, 389, 490-494. | 2.1 | 201 |
| 3 | TRPV4 Agonists and Antagonists. Current Topics in Medicinal Chemistry, 2011, 11, 2216-2226. | 2.1 | 157 |
| 4 | Preparation of Heteroaryloxetanes and Heteroarylazetidines by Use of a Minisci Reaction. Journal of Organic Chemistry, 2009, 74, 6354-6357. | 3.2 | 89 |
| 5 | Preparation of Aryloxetanes and Arylazetidines by Use of an Alkylâ€'Aryl Suzuki Coupling. Organic Letters, 2008, 10, 3259-3262. | 4.6 | 73 |
| 6 | Arylphthalazines: Identification of a new phthalazine chemotype as inhibitors of VEGFR kinase. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 4696-4698. | 2.2 | 49 |
| 7 | 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 |
| 8 | Arylphthalazines as potent, and orally bioavailable inhibitors of VEGFR-2. Bioorganic and Medicinal Chemistry, 2009, 17, 731-740. | 3.0 | 34 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | 5-Benzyloxytryptamine as an antagonist of TRPM8. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 7076-7079. | 2.2 | 26 |
| 13 | Identification of orally-bioavailable antagonists of the TRPV4 ion-channel. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 4011-4015. | 2.2 | 26 |
| 14 | 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 |
| 15 | Tetrazolone as an acid bioisostere: application to marketed drugs containing a carboxylic acid. Organic and Biomolecular Chemistry, 2016, 14, 9343-9347. | 2.8 | 15 |
| 16 | 2-Amino-5-arylbenzoxazole derivatives as potent inhibitors of fatty acid amide hydrolase (FAAH). MedChemComm, 2012, 3, 611. | 3.4 | 14 |
| 17 | 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 |
| 18 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | 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 |
| 20 | Discovery of potent, non-carbonyl inhibitors of fatty acid amide hydrolase (FAAH). MedChemComm, 2012, 3, 1258. | 3.4 | 6 |
| 21 | Early Drug Discovery and Development of Novel Cancer Therapeutics Targeting DNA Polymerase Eta (POLH). Frontiers in Oncology, 2021, 11, 778925. | 2.8 | 5 |
| 22 | Enantioselective synthesis of an octahydroindolizine (indolizidine) alcohol using an enzymatic resolution. Organic and Biomolecular Chemistry, 2017, 15, 2953-2961. | 2.8 | 4 |
| 23 | A Single-Step Synthesis of Azetidine-3-amines. Journal of Organic Chemistry, 2020, 85, 13317-13323. | 3.2 | 4 |
| 24 | Efficient Preparation of ((3â€Chloroâ€2â€fluoroâ€phenyl)â€[7â€methoxyâ€8â€(3â€morpholinâ€4â€ylâ€propoxy)â€10,11â€dihydroâ€5â€6aâ€2,4,11â€triaza for Inâ€Vivo Study. Synthetic Communications, 2006, 36, 347-354. | | |
| 25 | Arylphthalazines: Identification of a New Phthalazine Chemotype as Inhibitors of VEGFR Kinase.. ChemInform, 2006, 37, no. | 0.0 | 0 |