Gordon W Rewcastle

List of Publications by Year
in descending order

30 papers	1,966 citations	535685 17 h-index	536525 29 g-index
31 all docs	31 docs citations	31 times ranked	2624 citing authors

#	Article	IF	Citations
1	Synthesis and Evaluation of Imidazo[1,2â€a]pyridine Analogues of the ZSTK474 Class of Phosphatidylinositol 3â€Kinase Inhibitors. Chemistry - an Asian Journal, 2019, 14, 1249-1261.	1.7	9
2	Synthesis and biological evaluation of solubilized sulfonamide analogues of the phosphatidylinositol 3-kinase inhibitor ZSTK474. Bioorganic and Medicinal Chemistry, 2019, 27, 1529-1545.	1.4	12
3	Novel pyrazolo[1,5- a]pyridines with improved aqueous solubility as p110Î±-selective PI3 kinase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 187-190.	1.0	9
4	Combining properties of different classes of PI3KÎ± inhibitors to understand the molecular features that confer selectivity. Biochemical Journal, 2017, 474, 2261-2276.	1.7	6
5	Synthesis and biological evaluation of sulfonamide analogues of the phosphatidylinositol 3-kinase inhibitor ZSTK474. Bioorganic and Medicinal Chemistry, 2017, 25, 5859-5874.	1.4	14
6	Biological characterization of SN32976, a selective inhibitor of PI3K and mTOR with preferential activity to PI3KÎ±, in comparison to established pan PI3K inhibitors. Oncotarget, 2017, 8, 47725-47740.	0.8	11
7	Inhibitors of pan-PI3K Signaling Synergize with BRAF or MEK Inhibitors to Prevent BRAF-Mutant Melanoma Cell Growth. Frontiers in Oncology, 2015, 5, 135.	1.3	52
8	Exploring the isoform selectivity of TGX-221 related pyrido[1,2-a]pyrimidinone-based Class IA PI 3-kinase inhibitors: Synthesis, biological evaluation and molecular modelling. Bioorganic and Medicinal Chemistry, 2015, 23, 3796-3808.	1.4	9
9	Inhibitors of the Phosphatidylinositol 3-Kinase Pathway. , 2014, , 449-478.		3
10	Novel pyrazolo[1,5-a]pyridines as PI3K inhibitors: variation of the central linker group. MedChemComm, 2014, 5, 41-46.	3.5	12
11	Abstract 1644: Design and discovery of PWT33597 (VDC-597), a dual inhibitor of PI3-kinase alpha and mTOR. Cancer Research, 2014, 74, 1644-1644.	0.4	2
12	Synthesis and biological evaluation of novel phosphatidylinositol 3-kinase inhibitors: Solubilized 4-substituted benzimidazole analogs of 2-(difluoromethyl)-1-[4,6-di(4-morpholinyl)-1,3,5-triazin-2-yl]-1H-benzimidazole (ZSTK474). European Journal of Medicinal Chemistry, 2013, 64, 137-147.	2.6	17
13	Discovery of pyrazolo[1,5-a]pyridines as p110Î±-selective PI3 kinase inhibitors. Bioorganic and Medicinal Chemistry, 2012, 20, 69-85.	1.4	30
14	Novel pyrazolo[1,5-a]pyridines as p110Î±-selective PI3 kinase inhibitors: Exploring the benzenesulfonohydrazide SAR. Bioorganic and Medicinal Chemistry, 2012, 20, 58-68.	1.4	34
15	A drug targeting only p110Î± can block phosphoinositide 3-kinase signalling and tumour growth in certain cell types. Biochemical Journal, 2011, 438, 53-62.	1.7	137
16	Synthesis and Biological Evaluation of Novel Analogues of the Pan Class I Phosphatidylinositol 3-Kinase (PI3K) Inhibitor 2-(Difluoromethyl)-1-[4,6-di(4-morpholinyl)-1,3,5-triazin-2-yl]-1H-benzimidazole (ZSTK474). Journal of Medicinal Chemistry, 2011, 54, 7105-7126.	2.9	97
17	Evidence for functional redundancy of class IA PI3K isoforms in insulin signalling. Biochemical Journal, 2007, 404, 449-458.	1.7	188
18	Identification of a Unique Co-operative Phosphoinositide 3-Kinase Signaling Mechanism Regulating Integrin Î±IIbÎ²3 Adhesive Function in Platelets. Journal of Biological Chemistry, 2007, 282, 28648-28658.	1.6	78

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19	Synthesis, biological evaluation and molecular modelling of sulfonohydrazides as selective PI3K p110Î± inhibitors. Bioorganic and Medicinal Chemistry, 2007, 15, 7677-7687.	1.4	51
20	An improved synthesis of isonitrosoacetanilides. Tetrahedron Letters, 2005, 46, 8719-8721.	0.7	15
21	Becatecarin (Helsinn Healthcare). IDrugs: the Investigational Drugs Journal, 2005, 8, 838-47.	0.7	1
22	Tyrosine Kinase Inhibitors. 17. Irreversible Inhibitors of the Epidermal Growth Factor Receptor:Â 4-(Phenylamino)quinazoline- and 4-(Phenylamino)pyrido[3,2-d]pyrimidine-6-acrylamides Bearing Additional Solubilizing Functions. Journal of Medicinal Chemistry, 2000, 43, 1380-1397.	2.9	261
23	Bis(phenazine-1-carboxamides):Â Structureâ^'Activity Relationships for a New Class of Dual Topoisomerase I/II-Directed Anticancer Drugs. Journal of Medicinal Chemistry, 2000, 43, 1350-1358.	2.9	95
24	Tyrosine Kinase Inhibitors. 15. 4-(Phenylamino)quinazoline and 4-(Phenylamino)pyrido[d]pyrimidine Acrylamides as Irreversible Inhibitors of the ATP Binding Site of the Epidermal Growth Factor Receptor. Journal of Medicinal Chemistry, 1999, 42, 1803-1815.	2.9	173
25	Plasma disposition, metabolism and excretion of the experimental antitumour agent 5,6-dimethylxanthenone-4-acetic acid in the mouse, rat and rabbit. Cancer Chemotherapy and Pharmacology, 1999, 43, 323-330.	1.1	40
26	Tyrosine Kinase Inhibitors. 14. Structureâ^'Activity Relationships for Methyl- amino-Substituted Derivatives of 4-[(3-Bromophenyl)amino]-6-(methylamino)- pyrido[3,4-d]pyrimidine (PD 158780), a Potent and Specific Inhibitor of the Tyrosine Kinase Activity of Receptors for the EGF Family of Growth Factors. Journal of Medicinal Chemistry, 1998, 41, 742-751.	2.9	103
27	Tyrosine Kinase Inhibitors. 9. Synthesis and Evaluation of Fused Tricyclic Quinazoline Analogues as ATP Site Inhibitors of the Tyrosine Kinase Activity of the Epidermal Growth Factor Receptor. Journal of Medicinal Chemistry, 1996, 39, 918-928.	2.9	162
28	Tyrosine Kinase Inhibitors. 8. An Unusually Steep Structureâ^'Activity Relationship for Analogues of 4-(3-Bromoanilino)-6,7-dimethoxyquinazoline (PD 153035), a Potent Inhibitor of the Epidermal Growth Factor Receptor. Journal of Medicinal Chemistry, 1996, 39, 267-276.	2.9	304
29	STRUCTURE-ACTIVITY RELATIONSHIPS FOR 4-ANILINOQUINAZOLINES AS POTENT INHIBITORS AT THE ATP BINDING SITE OF THE EPIDERMAL GROWTH FACTOR RECEPTOR IN VITRO. Clinical and Experimental Pharmacology and Physiology, 1996, 23, 424-427.	0.9	30
30	The Synthesis of 9-Oxo-9, 10-Dihydroacridine-4-carboxylic Acidsviathe Jourdan-Ullmann Reaction of Anthranilic Acids and Methyl 2-Iodobenzoates. Synthetic Communications, 1987, 17, 309-317.	1.1	11