

Jayne Gilbert

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Cyclooxygenase-Inhibiting Platinum(IV) Prodrugs with Potent Anticancer Activity. <i>Pharmaceutics</i> , 2022, 14, 787.	4.5	16
2	Modelling and Phenotypic Screening of NAP ⁶ and 10 ⁶ Cl ⁶ BBO, AhR Ligands Displaying Selective Breast Cancer Cytotoxicity <i>in Vitro</i> . <i>ChemMedChem</i> , 2021, 16, 1499-1512.	3.2	11
3	Amino alcohol acrylonitriles as broad spectrum and tumour selective cytotoxic agents. <i>RSC Medicinal Chemistry</i> , 2021, 12, 929-942.	3.9	10
4	Pyrimidyn based dynamin inhibitors as novel cytotoxic agents. <i>ChemMedChem</i> , 2021, , .	3.2	1
5	Amino Alcohol Acrylonitriles as Activators of the Aryl Hydrocarbon Receptor Pathway: An Unexpected MTT Phenotypic Screening Outcome. <i>ChemMedChem</i> , 2020, 15, 490-505.	3.2	12
6	Synthesis and Cytotoxicity of Octahydroepoxyisoindole ⁷ carboxylic Acids and Norcantharidin ⁶ Amide Hybrids as Norcantharidin Analogues. <i>ChemMedChem</i> , 2019, 14, 1152-1161.	3.2	8
7	Synthesis, characterisation and potent cytotoxicity of unconventional platinum(^{iv}) complexes with modified lipophilicity. <i>Dalton Transactions</i> , 2019, 48, 17217-17227.	3.3	16
8	Synthesis, characterisation and influence of lipophilicity on cellular accumulation and cytotoxicity of unconventional platinum(^{iv}) prodrugs as potent anticancer agents. <i>Dalton Transactions</i> , 2019, 48, 17228-17240.	3.3	30
9	(^Z)-2-(3,4-Dichlorophenyl)-3-(1 ^H -Pyrrol-2-yl)Acrylonitrile Exhibits Selective Antitumor Activity in Breast Cancer Cell Lines via the Aryl Hydrocarbon Receptor Pathway. <i>Molecular Pharmacology</i> , 2018, 93, 168-177.	2.3	20
10	Combining the platinum(ii) drug candidate kiteplatin with 1,10-phenanthroline analogues. <i>Dalton Transactions</i> , 2018, 47, 2156-2163.	3.3	6
11	Dichlorophenylacrylonitriles as AhR Ligands That Display Selective Breast Cancer Cytotoxicity <i>in vitro</i> . <i>ChemMedChem</i> , 2018, 13, 1447-1458.	3.2	20
12	Investigating the cytotoxicity of platinum(II) complexes incorporating bidentate pyridyl-1,2,3-triazole ^{click} ligands. <i>Journal of Inorganic Biochemistry</i> , 2016, 165, 92-99.	3.5	22
13	Multifaceted Studies of the DNA Interactions and <i>In Vitro</i> Cytotoxicity of Anticancer Polyaromatic Platinum(II) Complexes. <i>Chemistry - A European Journal</i> , 2016, 22, 8943-8954.	3.3	21
14	Synthesis and Analysis of the Structure, Diffusion and Cytotoxicity of Heterocyclic Platinum(IV) Complexes. <i>Chemistry - A European Journal</i> , 2015, 21, 16990-17001.	3.3	28
15	The influence of ionic liquids on the Knoevenagel condensation of 1H-pyrrole-2-carbaldehyde with phenyl acetonitriles ^{click} cytotoxic 3-substituted-(1H-pyrrol-2-yl)acrylonitriles. <i>RSC Advances</i> , 2014, 4, 19806.	3.6	8
16	Pyrimidyn Compounds: Dual-Action Small Molecule Pyrimidine-Based Dynamin Inhibitors. <i>ACS Chemical Biology</i> , 2013, 8, 1507-1518.	3.4	27
17	Focused library development of 2-phenylacrylamides as broad spectrum cytotoxic agents. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 333-347.	3.0	24
18	Cytotoxic 2-phenylacrylonitriles, the importance of the cyanide moiety and discovery of potent broad spectrum cytotoxic agents. <i>European Journal of Medicinal Chemistry</i> , 2012, 57, 65-73.	5.5	28

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19	Synthesis and anticancer activity of a series of norcantharidin analogues. <i>European Journal of Medicinal Chemistry</i> , 2012, 54, 573-581.	5.5	39
20	Library synthesis and cytotoxicity of a family of 2-phenylacrylonitriles and discovery of an estrogen dependent breast cancer lead compound. <i>MedChemComm</i> , 2011, 2, 31-37.	3.4	55
21	Norcantharimide analogues possessing terminal phosphate esters and their anti-cancer activity. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 5734-5741.	3.0	27
22	Norcantharidin analogues with nematocidal activity in <i>Haemonchus contortus</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 3277-3281.	2.2	36
23	Inhibition of Dynamin by Dynole 34-2 Induces Cell Death following Cytokinesis Failure in Cancer Cells. <i>Molecular Cancer Therapeutics</i> , 2011, 10, 1553-1562.	4.1	51
24	Synthesis and biological activity of $\hat{1}^n$ -5,6-norcantharimides: importance of the 5,6-bridge. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 1717-1723.	5.5	34
25	The Dynamin Inhibitors MiTMAB and OcTMAB Induce Cytokinesis Failure and Inhibit Cell Proliferation in Human Cancer Cells. <i>Molecular Cancer Therapeutics</i> , 2010, 9, 1995-2006.	4.1	66
26	Synthesis of 4-substituted-3-hydroxy-5-oxo-10-oxa-4-azatricyclo[5.2.1]dec-3-yl Acetic Acid Ethyl Esters as Norcantharidin Analogues. <i>Letters in Drug Design and Discovery</i> , 2009, 6, 1-7.	0.7	7
27	Norcantharidin Analogues: Synthesis, Anticancer Activity and Protein Phosphatase 1 and 2A Inhibition. <i>ChemMedChem</i> , 2008, 3, 1878-1892.	3.2	64
28	Norcantharimides, synthesis and anticancer activity: Synthesis of new norcantharidin analogues and their anticancer evaluation. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 6126-6134.	3.0	82
29	Synthesis and biological evaluation of norcantharidin analogues: Towards PP1 selectivity. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 7301-7310.	3.0	34