

# Jayne Gilbert

## List of Publications by Year in descending order

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29  
papers

803  
citations

430874

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501196

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docs citations

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times ranked

900  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Norcantharidin Analogues: Synthesis, Anticancer Activity and Protein Phosphatase 1 and 2A Inhibition. <i>ChemMedChem</i> , 2008, 3, 1878-1892.	3.2	64
4	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
5	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
6	Synthesis and anticancer activity of a series of norcantharidin analogues. <i>European Journal of Medicinal Chemistry</i> , 2012, 54, 573-581.	5.5	39
7	Norcantharidin analogues with nematocidal activity in <i>Haemonchus contortus</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 3277-3281.	2.2	36
8	Synthesis and biological evaluation of norcantharidin analogues: Towards PP1 selectivity. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 7301-7310.	3.0	34
9	Synthesis and biological activity of $\hat{\pi}$ -5,6-norcantharimides: importance of the 5,6-bridge. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 1717-1723.	5.5	34
10	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
11	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
12	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
13	Norcantharimide analogues possessing terminal phosphate esters and their anti-cancer activity. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 5734-5741.	3.0	27
14	Pyrimidyn Compounds: Dual-Action Small Molecule Pyrimidine-Based Dynamin Inhibitors. <i>ACS Chemical Biology</i> , 2013, 8, 1507-1518.	3.4	27
15	Focused library development of 2-phenylacrylamides as broad spectrum cytotoxic agents. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 333-347.	3.0	24
16	Investigating the cytotoxicity of platinum(II) complexes incorporating bidentate pyridyl-1,2,3-triazole ligands. <i>Journal of Inorganic Biochemistry</i> , 2016, 165, 92-99.	3.5	22
17	Multifaceted Studies of the DNA Interactions and In Vitro Cytotoxicity of Anticancer Polyaromatic Platinum(II) Complexes. <i>Chemistry - A European Journal</i> , 2016, 22, 8943-8954.	3.3	21
18	(Z)-2-(3,4-Dichlorophenyl)-3-(1H-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

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19	Dichlorophenylacrylonitriles as AhR Ligands That Display Selective Breast Cancer Cytotoxicity in vitro. ChemMedChem, 2018, 13, 1447-1458.	3.2	20
20	Synthesis, characterisation and potent cytotoxicity of unconventional platinum(IV) complexes with modified lipophilicity. Dalton Transactions, 2019, 48, 17217-17227.	3.3	16
21	Cyclooxygenase-Inhibiting Platinum(IV) Prodrugs with Potent Anticancer Activity. Pharmaceutics, 2022, 14, 787.	4.5	16
22	Amino Alcohol Acrylonitriles as Activators of the Aryl Hydrocarbon Receptor Pathway: An Unexpected MTT Phenotypic Screening Outcome. ChemMedChem, 2020, 15, 490-505.	3.2	12
23	Modelling and Phenotypic Screening of NAPQ1 and 10- <i>Cl</i> -BBQ, AhR Ligands Displaying Selective Breast Cancer Cytotoxicity <i>in Vitro</i> . ChemMedChem, 2021, 16, 1499-1512.	3.2	11
24	Amino alcohol acrylonitriles as broad spectrum and tumour selective cytotoxic agents. RSC Medicinal Chemistry, 2021, 12, 929-942.	3.9	10
25	The influence of ionic liquids on the Knoevenagel condensation of 1H-pyrrole-2-carbaldehyde with phenyl acetonitriles – cytotoxic 3-substituted-(1H-pyrrol-2-yl)acrylonitriles. RSC Advances, 2014, 4, 19806.	3.6	8
26	Synthesis and Cytotoxicity of Octahydroepoxyisoindole-7-carboxylic Acids and Norcantharidin-Amide Hybrids as Norcantharidin Analogues. ChemMedChem, 2019, 14, 1152-1161.	3.2	8
27	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. Letters in Drug Design and Discovery, 2009, 6, 1-7.	0.7	7
28	Combining the platinum(II) drug candidate kiteplatin with 1,10-phenanthroline analogues. Dalton Transactions, 2018, 47, 2156-2163.	3.3	6
29	Pyrimidin based dynamin inhibitors as novel cytotoxic agents. ChemMedChem, 2021, , .	3.2	1