

# Nicola J Farrer

## List of Publications by Year in descending order

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33  
papers

1,770  
citations

430874

18  
h-index

395702

33  
g-index

37  
all docs

37  
docs citations

37  
times ranked

1681  
citing authors

#	ARTICLE	IF	CITATIONS
1	Radiation-induced prodrug activation: extending combined modality therapy for some solid tumours. <i>British Journal of Cancer</i> , 2022, 126, 1241-1243.	6.4	2
2	Cell-permeable lanthanide- <sup>IV</sup> platinum anti-cancer prodrugs. <i>Dalton Transactions</i> , 2021, 50, 8761-8767.	3.3	6
3	Platinum(IV)-azido monocarboxylato complexes are photocytotoxic under irradiation with visible light. <i>Dalton Transactions</i> , 2021, 50, 10593-10607.	3.3	5
4	Solvent-Dependent Reactivity and Photochemistry of Dinuclear and Mononuclear Platinum(IV) Azido Triazolato Complexes. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 1397-1404.	2.0	1
5	Ultrasound-Triggered Delivery of Iproplatin from Microbubble-Conjugated Liposomes. <i>ChemistryOpen</i> , 2021, 10, 1170-1176.	1.9	11
6	Enhancing <sup>31</sup> P NMR relaxation rates with a kinetically inert gadolinium complex. <i>Dalton Transactions</i> , 2020, 49, 2989-2993.	3.3	7
7	Exploiting azide-alkyne click chemistry in the synthesis, tracking and targeting of platinum anticancer complexes. <i>Current Opinion in Chemical Biology</i> , 2020, 55, 59-68.	6.1	44
8	Oxaliplatin and [Pt( <i>R</i> )( <i>R</i> -DACH)(panobinostat-2H)] show nanomolar cytotoxicity towards diffuse intrinsic pontine glioma (DIPG). <i>Dalton Transactions</i> , 2020, 49, 5703-5710.	3.3	8
9	Platinum(IV) dihydroxido diazido N-(heterocyclic)imine complexes are potently photocytotoxic when irradiated with visible light. <i>Chemical Science</i> , 2019, 10, 8610-8617.	7.4	25
10	A visible-light photoactivatable di-nuclear Pt <sup>IV</sup> triazolato azido complex. <i>Chemical Communications</i> , 2019, 55, 11287-11290.	4.1	7
11	INDIANA: An in-cell diffusion method to characterize the size, abundance and permeability of cells. <i>Journal of Magnetic Resonance</i> , 2019, 302, 1-13.	2.1	11
12	A novel Pt(IV) mono azido mono triazolato complex evolves azidyl radicals following irradiation with visible light. <i>Dalton Transactions</i> , 2019, 48, 6416-6420.	3.3	10
13	Platinum(IV) azido complexes undergo copper-free click reactions with alkynes. <i>Dalton Transactions</i> , 2018, 47, 10553-10560.	3.3	16
14	De...Novo Generation of Singlet Oxygen and Ammine Ligands by Photoactivation of a Platinum Anticancer Complex. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13633-13637.	13.8	63
15	Diazido Mixed-Amine Platinum(IV) Anticancer Complexes Activatable by Visible-Light Form Novel DNA Adducts. <i>Chemistry - A European Journal</i> , 2013, 19, 9578-9591.	3.3	90
16	<i>Trans</i> -[PtIV(N3)2(OH)2(py)(NH3)]: A Light-Activated Antitumor Platinum Complex That Kills Human Cancer Cells by an Apoptosis-Independent Mechanism. <i>Molecular Cancer Therapeutics</i> , 2012, 11, 1894-1904.	4.1	81
17	Two-Photon-Activated Ligand Exchange in Platinum(II) Complexes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 11263-11266.	13.8	42
18	Interactions of DNA with a New Platinum(IV) Azide Dipyridine Complex Activated by UVA and Visible Light: Relationship to Toxicity in Tumor Cells. <i>Chemical Research in Toxicology</i> , 2012, 25, 1099-1111.	3.3	72

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19	Tryptophan Switch for a Photoactivated Platinum Anticancer Complex. <i>Journal of the American Chemical Society</i> , 2012, 134, 16508-16511.	13.7	107
20	Combined Theoretical and Computational Study of Interstrand DNA Guanine-Guanine Cross-Linking by <i>trans</i> -[Pt(pyridine) <sub>2</sub> ] Derived from the Photoactivated Prodrug <i>trans,trans,trans</i> -[Pt(N <sub>3</sub> ) <sub>2</sub> (OH) <sub>2</sub> (pyridine) <sub>2</sub> ]. <i>Inorganic Chemistry</i> , 2012, 51, 6830-6841.	4.0	42
21	A Computational Approach to Tuning the Photochemistry of Platinum(IV) Anticancer Agents. <i>Chemistry - A European Journal</i> , 2012, 18, 10630-10642.	3.3	16
22	Proton Sponge Phosphanes: Reversibly Chargeable Ligands for ESI-MS Analysis. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 733-740.	2.0	13
23	Probing Platinum Azido Complexes by <sup>14</sup> N and <sup>15</sup> N NMR Spectroscopy. <i>Chemistry - A European Journal</i> , 2011, 17, 12059-12066.	3.3	23
24	Photochemistry in Photonic Crystal Fiber Nanoreactors. <i>Chemistry - A European Journal</i> , 2010, 16, 5607-5612.	3.3	41
25	Innentitelbild: A Potent <i>Trans</i> -Diimine Platinum Anticancer Complex Photoactivated by Visible Light ( <i>Angew. Chem.</i> 47/2010). <i>Angewandte Chemie</i> , 2010, 122, 8948-8948.	2.0	0
26	A Potent <i>Trans</i> -Diimine Platinum Anticancer Complex Photoactivated by Visible Light. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 8905-8908.	13.8	261
27	Inside Cover: A Potent <i>Trans</i> -Diimine Platinum Anticancer Complex Photoactivated by Visible Light ( <i>Angew. Chem. Int. Ed.</i> 47/2010). <i>Angewandte Chemie - International Edition</i> , 2010, 49, 8766-8766.	13.8	0
28	Bisphosphine monoxides with <i>o</i> -phenylene backbones in Pt, Pd and Fe complexes. <i>Polyhedron</i> , 2010, 29, 254-261.	2.2	24
29	Photocytotoxic <i>trans</i> -Diam(m)ine Platinum(IV) Diazido Complexes More Potent than Their <i>cis</i> Isomers. <i>Chemical Research in Toxicology</i> , 2010, 23, 413-421.	3.3	85
30	(RSC)2: chemistry, performance, and pedagogy - an interactive approach to periodic trends. <i>Chemistry Education Research and Practice</i> , 2010, 11, 308-313.	2.5	5
31	Synthesis, characterisation and photochemistry of Pt(IV) pyridyl azido acetato complexes. <i>Dalton Transactions</i> , 2009, , 2315.	3.3	53
32	Photoactivated chemotherapy (PACT): the potential of excited-state d-block metals in medicine. <i>Dalton Transactions</i> , 2009, , 10690.	3.3	416
33	Photochemotherapy: Targeted Activation of Metal Anticancer Complexes. <i>Australian Journal of Chemistry</i> , 2008, 61, 669.	0.9	69