

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	Photoactivated chemotherapy (PACT): the potential of excited-state d-block metals in medicine. Dalton Transactions, 2009, , 10690.	3.3	416
2	A Potent <i>Trans</i> -Diimine Platinum Anticancer Complex Photoactivated by Visible Light. Angewandte Chemie - International Edition, 2010, 49, 8905-8908.	13.8	261
3	Tryptophan Switch for a Photoactivated Platinum Anticancer Complex. Journal of the American Chemical Society, 2012, 134, 16508-16511.	13.7	107
4	Diazido Mixed-Amine Platinum(IV) Anticancer Complexes Activatable by Visible Light Form Novel DNA Adducts. Chemistry - A European Journal, 2013, 19, 9578-9591.	3.3	90
5	Photocytotoxic trans-Diamine Platinum(IV) Diazido Complexes More Potent than Their cis Isomers. Chemical Research in Toxicology, 2010, 23, 413-421.	3.3	85
6	<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. Molecular Cancer Therapeutics, 2012, 11, 1894-1904.	4.1	81
7	Interactions of DNA with a New Platinum(IV) Azide Dipyridine Complex Activated by UVA and Visible Light: Relationship to Toxicity in Tumor Cells. Chemical Research in Toxicology, 2012, 25, 1099-1111.	3.3	72
8	Photochemotherapy: Targeted Activation of Metal Anticancer Complexes. Australian Journal of Chemistry, 2008, 61, 669.	0.9	69
9	De Novo Generation of Singlet Oxygen and Ammine Ligands by Photoactivation of a Platinum Anticancer Complex. Angewandte Chemie - International Edition, 2013, 52, 13633-13637.	13.8	63
10	Synthesis, characterisation and photochemistry of PtIV pyridyl azido acetato complexes. Dalton Transactions, 2009, , 2315.	3.3	53
11	Exploiting azide-alkyne click chemistry in the synthesis, tracking and targeting of platinum anticancer complexes. Current Opinion in Chemical Biology, 2020, 55, 59-68.	6.1	44
12	Two-Photon-Activated Ligand Exchange in Platinum(II) Complexes. Angewandte Chemie - International Edition, 2012, 51, 11263-11266.	13.8	42
13	Combined Theoretical and Computational Study of Interstrand DNA Guanine-Guanine Cross-Linking by <i>trans</i> -[Pt(pyridine)2] Derived from the Photoactivated Prodrug <i>trans,trans,trans</i> -[Pt(N3)2(OH)2(pyridine)2]. Inorganic Chemistry, 2012, 51, 6830-6841.	4.0	42
14	Photochemistry in Photonic Crystal Fiber Nanoreactors. Chemistry - A European Journal, 2010, 16, 5607-5612.	3.3	41
15	Platinum(IV) dihydroxido diazido N-(heterocyclic)imine complexes are potently photocytotoxic when irradiated with visible light. Chemical Science, 2019, 10, 8610-8617.	7.4	25
16	Bisphosphine monoxides with o-phenylene backbones in Pt, Pd and Fe complexes. Polyhedron, 2010, 29, 254-261.	2.2	24
17	Probing Platinum Azido Complexes by ¹⁴ N and ¹⁵ N...NMR Spectroscopy. Chemistry - A European Journal, 2011, 17, 12059-12066.	3.3	23
18	A Computational Approach to Tuning the Photochemistry of Platinum(IV) Anticancer Agents. Chemistry - A European Journal, 2012, 18, 10630-10642.	3.3	16

#	ARTICLE	IF	CITATIONS
19	Platinum(IV) azido complexes undergo copper-free click reactions with alkynes. Dalton Transactions, 2018, 47, 10553-10560.	3.3	16
20	Proton Sponge Phosphanes: Reversibly Chargeable Ligands for ESI-MS Analysis. European Journal of Inorganic Chemistry, 2012, 2012, 733-740.	2.0	13
21	INDIANA: An in-cell diffusion method to characterize the size, abundance and permeability of cells. Journal of Magnetic Resonance, 2019, 302, 1-13.	2.1	11
22	Ultrasound-triggered Delivery of Iproplatin from Microbubble-conjugated Liposomes. ChemistryOpen, 2021, 10, 1170-1176.	1.9	11
23	A novel Pt(IV) mono azido mono triazolato complex evolves azidyl radicals following irradiation with visible light. Dalton Transactions, 2019, 48, 6416-6420.	3.3	10
24	Oxaliplatin and [Pt(IV)-DACH(panobinostat-2H)] show nanomolar cytotoxicity towards diffuse intrinsic pontine glioma (DIPG). Dalton Transactions, 2020, 49, 5703-5710.	3.3	8
25	A visible-light photoactivatable di-nuclear Pt(IV) triazolato azido complex. Chemical Communications, 2019, 55, 11287-11290.	4.1	7
26	Enhancing ³¹ P NMR relaxation rates with a kinetically inert gadolinium complex. Dalton Transactions, 2020, 49, 2989-2993.	3.3	7
27	Cell-permeable lanthanide-platinum(IV) anti-cancer prodrugs. Dalton Transactions, 2021, 50, 8761-8767.	3.3	6
28	(RSC)2: chemistry, performance, and pedagogy – an interactive approach to periodic trends. Chemistry Education Research and Practice, 2010, 11, 308-313.	2.5	5
29	Platinum(IV)-azido monocarboxylato complexes are photocytotoxic under irradiation with visible light. Dalton Transactions, 2021, 50, 10593-10607.	3.3	5
30	Radiation-induced prodrug activation: extending combined modality therapy for some solid tumours. British Journal of Cancer, 2022, 126, 1241-1243.	6.4	2
31	Solvent-dependent Reactivity and Photochemistry of Dinuclear and Mononuclear Platinum(IV) Azido Triazolato Complexes. European Journal of Inorganic Chemistry, 2021, 2021, 1397-1404.	2.0	1
32	Innentitelbild: A Potent Trans-Diimine Platinum Anticancer Complex Photoactivated by Visible Light (Angew. Chem. 47/2010). Angewandte Chemie, 2010, 122, 8948-8948.	2.0	0
33	Inside Cover: A Potent Trans-Diimine Platinum Anticancer Complex Photoactivated by Visible Light (Angew. Chem. Int. Ed. 47/2010). Angewandte Chemie - International Edition, 2010, 49, 8766-8766.	13.8	0