

# Nicholas Charles Fletcher

## List of Publications by Year in descending order

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46  
papers

1,184  
citations

304602

22  
h-index

377752

34  
g-index

48  
all docs

48  
docs citations

48  
times ranked

1336  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chiral 2,2'-bipyridines: ligands for asymmetric induction. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2002, , 1831-1842.	1.3	105
2	New classes of anion receptor containing charged and neutral transition metal Lewis acidic recognition sites. <i>Journal of the Chemical Society Chemical Communications</i> , 1993, , 828.	2.0	74
3	Molecular Architecture of Polynuclear Ruthenium Bipyridyl Complexes with Controlled Metal Helicity. <i>Inorganic Chemistry</i> , 1997, 36, 1113-1121.	1.9	68
4	The isolation and purification of tris-2,2'-bipyridine complexes of ruthenium(ii) containing unsymmetrical ligands. <i>Dalton Transactions RSC</i> , 2001, , 2641-2648.	2.3	65
5	Chromatographic separation of stereoisomers of ligand-bridged diruthenium polypyridyl species. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 133-138.	1.1	58
6	New Stepwise Approach to Inert Heterometallic Triple-Stranded Helicates. <i>Inorganic Chemistry</i> , 2006, 45, 6132-6134.	1.9	50
7	Raman spectroscopy for forensic examination of Î <sup>2</sup> -ketophenethylamine "œlegal highs" Reference and seized samples of cathinone derivatives. <i>Analytica Chimica Acta</i> , 2012, 711, 1-6.	2.6	48
8	Protein surface recognition using geometrically pure Ru( <sup>II</sup> ) tris(bipyridine) derivatives. <i>Chemical Communications</i> , 2011, 47, 559-561.	2.2	44
9	The Synthesis and Characterization of New Optically Active "dimeric" pineno?-[4,5]-fused 2,2'-bipyridines linked without spacer or by small spacer groups. <i>Helvetica Chimica Acta</i> , 1996, 79, 1192-1202.	1.0	43
10	Anion interactions with (polypyridyl)ruthenium complexes, and their importance in the cation-exchange chromatographic separation of stereoisomers of dinuclear species"œ. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 683-690.	1.1	41
11	Substituted dipyrrophenazine complexes of Cr(III): Synthesis, enantiomeric resolution and binding interactions with calf thymus DNA. <i>Dalton Transactions</i> , 2010, 39, 3990.	1.6	38
12	mer and fac isomerism in tris chelate diimine metal complexes. <i>Dalton Transactions</i> , 2015, 44, 4406-4422.	1.6	38
13	Self-assembled triple helicates with preferential helicity. <i>Dalton Transactions RSC</i> , 2002, , 602.	2.3	37
14	Anion and cation recognition by new mono-and bis-ruthenium(II) bipyridyl crown ether receptor molecules. <i>Polyhedron</i> , 1996, 15, 2983-2996.	1.0	35
15	Spectral and electrochemical halide anion recognition by acyclic ruthenium(II) 5,5'-bis-amide substituted bipyridyl receptor molecules. <i>Polyhedron</i> , 1996, 15, 1339-1347.	1.0	30
16	The isolation and secondary functionalisation of fac-tris-2,2'-bipyridine complexes of ruthenium(II) Electronic supplementary information (ESI) available: Table S1: Spectral data for 1"œ5. Fig. S1: 1H NMR spectrum of 5. See <a href="http://www.rsc.org/suppdata/cc/b2/b202886g/">http://www.rsc.org/suppdata/cc/b2/b202886g/</a> . <i>Chemical Communications</i> , 2002, , 1188-1189.	2.2	30
17	Anion Detection Driven by a Surprising Internal Hydrogen-Bonding Association in a Dinuclear Ruthenium(I) Complex. <i>Inorganic Chemistry</i> , 2007, 46, 4386-4388.	1.9	27
18	New synthetic route to monocarbonyl polypyridyl complexes of ruthenium: their stereochemistry and reactivity. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 2293-2302.	1.1	26

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19	Structural, electrochemical and UV/VIS/NIR spectroelectrochemical properties of diastereomerically pure dinuclear ruthenium complexes based on the bridging ligand phenanthroline-5,6-diimine, and a mononuclear by-product with a peripheral isoimidazole group. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 2999-3006.	1.1	25
20	The comparison of fac and mer-ruthenium(ii) trischelate complexes in anion binding. <i>Dalton Transactions</i> , 2009, , 965-972.	1.6	25
21	Chloride anion recognition by neutral platinum(II) and palladium(II) 5,5'-bis-amide substituted bipyridyl receptor molecules. <i>Polyhedron</i> , 1997, 16, 815-823.	1.0	24
22	Enantiomeric programming in tripodal transition metal scaffolds. <i>New Journal of Chemistry</i> , 2007, 31, 1407.	1.4	24
23	Benzothiazole bipyridine complexes of ruthenium(II) with cytotoxic activity. <i>Journal of Biological Inorganic Chemistry</i> , 2007, 12, 797-807.	1.1	21
24	The dichotomy in the DNA-binding behaviour of ruthenium(II) complexes bearing benzoxazole and benzothiazole groups. <i>Journal of Inorganic Biochemistry</i> , 2008, 102, 673-683.	1.5	19
25	Diastereoselective assembly of pentanuclear circular helicates. <i>Dalton Transactions</i> , 2011, 40, 12381.	1.6	17
26	The Use of Electrospray Mass Spectrometry to Determine Speciation in a Dynamic Combinatorial Library for Anion Recognition. <i>Chemistry - A European Journal</i> , 2012, 18, 13733-13742.	1.7	16
27	Inert benzothiazole functionalised ruthenium(ii) complexes; potential DNA hairpin binding agents. <i>Dalton Transactions</i> , 2006, , 3122.	1.6	15
28	Protein destabilisation by ruthenium(ii) tris-bipyridine based protein-surface mimetics. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 2206.	1.5	15
29	Novel Synthesis and Characterization of a Chiral Functionalized Pyrido[1,2-a]benzimidazole. <i>Journal of Organic Chemistry</i> , 1997, 62, 8577-8578.	1.7	13
30	Halide anion recognition by new acyclic quaternary polybipyridinium and polypyridinium receptors. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1996, , 1545.	0.9	12
31	The isolation and secondary functionalisation of the mer- and fac-isomers of tris(5-hydroxymethyl-2,2'-bipyridine) complexes of ruthenium (II). <i>Inorganica Chimica Acta</i> , 2005, 358, 1079-1088.	1.2	11
32	Chromo- and Fluorogenic Organometallic Sensors. <i>Topics in Organometallic Chemistry</i> , 2010, , 143-170.	0.7	11
33	The stereoselective coordination chemistry of the helicing ligand N,N'-bis(-2,2'-dipyridyl-5-yl)carbonyl-(S/R,S/R)-1,2-diphenylethylenediamine. <i>Inorganica Chimica Acta</i> , 2003, 355, 449-453.	1.2	10
34	Halide anion recognition by new acyclic ruthenium(II) bipyridyl-polypyridinium receptors. <i>Inorganica Chimica Acta</i> , 1996, 251, 335-340.	1.2	9
35	Use of photoinduced energy-transfer to probe solvent-dependent conformational changes in a flexible Ru/Os dinuclear complex. <i>Chemical Communications</i> , 1999, , 2089-2090.	2.2	9
36	Stereoselective coordination chemistry of the tetradentate chelating ligand (2R,3R)-bis(2,2'-dipyridyl-5-methoxyl)butane. <i>Dalton Transactions</i> , 2003, , 2558-2563.	1.6	9

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37	Ruthenium cryptates with an unusual selectivity for nitrate. Dalton Transactions, 2012, 41, 7005.	1.6	8
38	A Tripodal Ruthenium(II) Polypyridyl Complex with pH Controlled Emissive Quenching. European Journal of Inorganic Chemistry, 2019, 2019, 110-117.	1.0	8
39	A Modular Approach to Luminescent Dinuclear Ruthenium(II) and Rhenium(I) Complexes. European Journal of Inorganic Chemistry, 2008, 2008, 3597-3605.	1.0	7
40	Examination of the Silver Colloid Binding Behavior of Disulfide-Tethered Bipyridine Ligands and Their $\text{Ir}^{\text{III}}$ -Tricarbonylrhenium(I) Complexes. Inorganic Chemistry, 2011, 50, 2738-2747.	1.9	7
41	New insights into dihydrogenphosphate recognition with dirhenium( $\text{Ir}^{\text{III}}$ ) tricarbonyl complexes bridged by a thiourea moiety. RSC Advances, 2014, 4, 18442-18452.	1.7	5
42	Examination of the conformational restraints to a chiral diimine bridged 2,2'-bipyridine. Tetrahedron: Asymmetry, 2004, 15, 2527-2532.	1.8	3
43	15 Noble metals. Annual Reports on the Progress of Chemistry Section A, 2005, 101, 253.	0.8	1
44	Noble metals. Annual Reports on the Progress of Chemistry Section A, 2006, 102, 274.	0.8	1
45	Nickel, palladium and platinum. Annual Reports on the Progress of Chemistry Section A, 2007, 103, 207.	0.8	1
46	Nickel, palladium and platinum. Annual Reports on the Progress of Chemistry Section A, 2008, 104, 214.	0.8	1