

# Anna K Renfrew

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2770892/publications.pdf>

Version: 2024-02-01

40  
papers

2,572  
citations

257450

24  
h-index

289244

40  
g-index

47  
all docs

47  
docs citations

47  
times ranked

3169  
citing authors

#	ARTICLE	IF	CITATIONS
1	Warburg Effect Targeting Co(III) Cytotoxin Chaperone Complexes. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 2678-2690.	6.4	9
2	The effect of charge on the uptake and resistance to reduction of platinum(IV) complexes in human serum and whole blood models. <i>Metallomics</i> , 2020, 12, 1599-1615.	2.4	8
3	Metal complexes as a promising source for new antibiotics. <i>Chemical Science</i> , 2020, 11, 2627-2639.	7.4	290
4	Towards Light-Activated Ruthenium-Arene (RAPTA-type) Prodrug Candidates. <i>ChemBioChem</i> , 2019, 20, 2876-2882.	2.6	30
5	Photolabile Ru Model Complexes with Chelating Diimine Ligands for Light-Triggered Drug Release. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 1447-1447.	2.0	0
6	Photolabile Ru Model Complexes with Chelating Diimine Ligands for Light-Triggered Drug Release. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 1469-1480.	2.0	10
7	Photolabile ruthenium complexes to cage and release a highly cytotoxic anticancer agent. <i>Journal of Inorganic Biochemistry</i> , 2018, 179, 146-153.	3.5	28
8	Harnessing the properties of cobalt coordination complexes for biological application. <i>Coordination Chemistry Reviews</i> , 2018, 375, 221-233.	18.8	84
9	Targeting curcumin to specific tumour cell environments: the influence of ancillary ligands. <i>Metallomics</i> , 2017, 9, 699-705.	2.4	13
10	Photolabile Ruthenium(II)-Purine Complexes: Phototoxicity, DNA Binding, and Light-Triggered Drug Release. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 1538-1538.	2.0	0
11	Hypoxia-Responsive Cobalt Complexes in Tumor Spheroids: Laser Ablation Inductively Coupled Plasma Mass Spectrometry and Magnetic Resonance Imaging Studies. <i>Inorganic Chemistry</i> , 2017, 56, 9860-9868.	4.0	34
12	The influence of the ancillary ligand on the potential of cobalt(III) complexes to act as chaperones for hydroxamic acid-based drugs. <i>Dalton Transactions</i> , 2017, 46, 15897-15907.	3.3	14
13	Photolabile Ruthenium(II)-Purine Complexes: Phototoxicity, DNA Binding, and Light-Triggered Drug Release. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 1679-1686.	2.0	28
14	Spectroscopic Approaches to Tracking Metal-based Drugs in Cells and Tissue. <i>Chimia</i> , 2017, 71, 112.	0.6	4
15	Reversible magnetogenic cobalt complexes. <i>RSC Advances</i> , 2016, 6, 30021-30027.	3.6	19
16	Cobalt(III) Chaperone Complexes of Curcumin: Photoreduction, Cellular Accumulation and Light-Selective Toxicity towards Tumour Cells. <i>Chemistry - A European Journal</i> , 2015, 21, 15224-15234.	3.3	79
17	A luminescent ruthenium(II) complex for light-triggered drug release and live cell imaging. <i>Chemical Communications</i> , 2015, 51, 14038-14041.	4.1	67
18	Transition metal complexes with bioactive ligands: mechanisms for selective ligand release and applications for drug delivery. <i>Metallomics</i> , 2014, 6, 1324-1335.	2.4	170

#	ARTICLE	IF	CITATIONS
19	Delivery and release of curcumin by a hypoxia-activated cobalt chaperone: a XANES and FLIM study. <i>Chemical Science</i> , 2013, 4, 3731.	7.4	130
20	Dual Targeting of Hypoxic and Acidic Tumor Environments with a Cobalt(III) Chaperone Complex. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 11013-11021.	6.4	85
21	Antiproliferative activity of chelating N,O- and N,N-ruthenium(ii) arene functionalised poly(propyleneimine) dendrimer scaffolds. <i>Dalton Transactions</i> , 2011, 40, 1158-1167.	3.3	148
22	Adding diversity to ruthenium(II) arene anticancer (RAPTA) compounds via click chemistry: The influence of hydrophobic chains. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 772-779.	1.8	42
23	Metabolization of [Ru( $\eta$ -6-C <sub>6</sub> H <sub>5</sub> CF <sub>3</sub> )(pta)Cl <sub>2</sub> ]: a cytotoxic RAPTA-type complex with a strongly electron withdrawing arene ligand. <i>Journal of Biological Inorganic Chemistry</i> , 2010, 15, 919-927.	2.6	45
24	Synthesis and Anticancer Activity of Long-Chain Isonicotinic Ester Ligand-Containing Arene Ruthenium Complexes and Nanoparticles. <i>Journal of Cluster Science</i> , 2010, 21, 313-324.	3.3	23
25	Discovery, Structure, and Anticancer Activity of an Iridium Complex of Diselenobenzoquinone. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 7530-7533.	13.8	73
26	Synthesis and anticancer activity of chalcogenide derivatives and platinum(II) and palladium(II) complexes derived from a polar ferrocene phosphanyl carboxamide. <i>Applied Organometallic Chemistry</i> , 2010, 24, 392-397.	3.5	14
27	Synthesis and characterisation of the water soluble bis-phosphine complex [Ru( $\eta$ -6-cymene)(PPh <sub>2</sub> ( <i>o</i> -C <sub>6</sub> H <sub>4</sub> O)-P <sub>2</sub> O)(pta)] <sup>+</sup> and an investigation of its cytotoxic effects. <i>Comptes Rendus Chimie</i> , 2010, 13, 1144-1150.	0.5	14
28	Drug delivery of lipophilic pyrenyl derivatives by encapsulation in a water soluble metalla-cage. <i>Dalton Transactions</i> , 2010, 39, 8248.	3.3	82
29	Use of Perfluorinated Phosphines to Provide Thermomorphic Anticancer Complexes for Heat-Based Tumor Targeting. <i>Inorganic Chemistry</i> , 2010, 49, 2239-2246.	4.0	35
30	Ruthenium(II) Arene Compounds as Versatile Anticancer Agents. <i>Chimia</i> , 2009, 63, 217-219.	0.6	15
31	Arene ruthenium complexes with ferrocene-derived ligands: Synthesis and characterization of complexes of the type [Ru( $\eta$ -6-arene)(NC <sub>5</sub> H <sub>4</sub> CH <sub>2</sub> NHOC-C <sub>5</sub> H <sub>4</sub> FeC <sub>5</sub> H <sub>5</sub> )Cl <sub>2</sub> ] and [Ru( $\eta$ -6-arene)(NC <sub>3</sub> H <sub>3</sub> N(CH <sub>2</sub> ) <sub>2</sub> O <sub>2</sub> C-C <sub>5</sub> H <sub>4</sub> FeC <sub>5</sub> H <sub>5</sub> )Cl <sub>2</sub> ]. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 855-861.	1.8	54
32	Anticancer activity of multinuclear arene ruthenium complexes coordinated to dendritic polypyridyl scaffolds. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 3470-3476.	1.8	91
33	Influence of Structural Variation on the Anticancer Activity of RAPTA-Type Complexes: ptn versus pta. <i>Organometallics</i> , 2009, 28, 1165-1172.	2.3	79
34	Soluble Redox-Active Polymetallic Chains [{RuO(CO)(L)(bpy)} <sub>m</sub> ] <sub>n</sub> (bpy = 2,2'-bipyridine, L = PrCN, Cl <sup>-</sup> ; m = 0, 1, 2) <i>Journal of Organometallic Chemistry</i> , 2009, 694, 170-176.	4.0	17
35	Tuning the Efficacy of Ruthenium(II)-Arene (RAPTA) Antitumor Compounds with Fluorinated Arene Ligands. <i>Organometallics</i> , 2009, 28, 5061-5071.	2.3	61
36	Synthesis, Molecular Structure, and Anticancer Activity of Cationic Arene Ruthenium Metallarectangles. <i>Organometallics</i> , 2009, 28, 4350-4357.	2.3	118

#	ARTICLE	IF	CITATIONS
37	Influence of the Diketonato Ligand on the Cytotoxicities of [Ru(l- <sup>6</sup> â€‹i>p</i>â€‹i>mene)(R <sub>2</sub> acac)(PTA)] <sup>+</sup> Complexes (PTA =) Tj ETQq1 1.0.784314rgBT /Ov	1.8	22
38	The â€‹Complexâ€‹Complexâ€‹Cations [(acac) <sub>2</sub> MâŠ, Ru <sub>6</sub> (<i>p</i>â€‹i>PrC <sub>6</sub> H <sub>4</sub> Me) <sub>6</sub> (1,8) <sub>2</sub> (A Trojan Horse for Cancer Cells. Angewandte Chemie - International Edition, 2008, 47, 3773-3776.	1.8	22
39	Water-soluble arene ruthenium complexes containing pyridinethiolato ligands: Synthesis, molecular structure, redox properties and anticancer activity of the cations [(l-6-arene)Ru(p-SC5H4NH) <sub>3</sub> ] <sup>2+</sup> . Journal of Organometallic Chemistry, 2008, 693, 3419-3424.	1.8	22
40	An easy electrochemical and chemical synthesis of [Ru(bpy)(CH3CN) <sub>2</sub> Cl <sub>2</sub> ]: a synthon for heteroleptic tris(diimine) Ru(ii) complexes. Dalton Transactions, 2008, , 5891.	3.3	2