

Carolyn T Dillon

List of Publications by Year in descending order

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27
papers

1,456
citations

516710

16
h-index

580821

25
g-index

27
all docs

27
docs citations

27
times ranked

2097
citing authors

#	ARTICLE	IF	CITATIONS
1	Copper complexes of non-steroidal anti-inflammatory drugs: an opportunity yet to be realized. <i>Coordination Chemistry Reviews</i> , 2002, 232, 95-126.	18.8	469
2	The cellular distribution and oxidation state of platinum(II) and platinum(IV) antitumour complexes in cancer cells. <i>Journal of Biological Inorganic Chemistry</i> , 2003, 8, 726-732.	2.6	143
3	FTIR spectroscopy of single live cells in aqueous media by synchrotron IR microscopy using microfabricated sample holders. <i>Vibrational Spectroscopy</i> , 2010, 53, 34-38.	2.2	98
4	Gastrointestinal Toxicity, Antiinflammatory Activity, and Superoxide Dismutase Activity of Copper and Zinc Complexes of the Antiinflammatory Drug Indomethacin. <i>Chemical Research in Toxicology</i> , 2003, 16, 28-37.	3.3	86
5	Intracellular mapping of the distribution of metals derived from the antitumor metallocenes. <i>Journal of Biological Inorganic Chemistry</i> , 2005, 10, 443-452.	2.6	72
6	Microprobe X-ray Absorption Spectroscopic Determination of the Oxidation State of Intracellular Chromium following Exposure of V79 Chinese Hamster Lung Cells to Genotoxic Chromium Complexes. <i>Chemical Research in Toxicology</i> , 1997, 10, 533-535.	3.3	56
7	Hard X-ray microprobe studies of chromium(VI)-treated V79 Chinese hamster lung cells: intracellular mapping of the biotransformation products of a chromium carcinogen. <i>Journal of Biological Inorganic Chemistry</i> , 2002, 7, 640-645.	2.6	52
8	Permeability, Cytotoxicity, and Genotoxicity of Chromium(V) and Chromium(VI) Complexes in V79 Chinese Hamster Lung Cells. <i>Chemical Research in Toxicology</i> , 1998, 11, 119-129.	3.3	50
9	Organometallic Anticancer Agents: Cellular Uptake and Cytotoxicity Studies on Thiol Derivatives of the Antitumor Agent Molybdocene Dichloride. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 2093-2099.	6.4	50
10	Microprobe XRF Mapping and XAS Investigations of the Intracellular Metabolism of Arsenic for Understanding Arsenic-Induced Toxicity. <i>Chemical Research in Toxicology</i> , 2008, 21, 1760-1769.	3.3	49
11	Copper Uptake, Intracellular Localization, and Speciation in Marine Microalgae Measured by Synchrotron Radiation X-ray Fluorescence and Absorption Microspectroscopy. <i>Environmental Science & Technology</i> , 2016, 50, 8827-8839.	10.0	44
12	Inhibition of experimental colorectal cancer and reduction in renal and gastrointestinal toxicities by copper-indomethacin in rats. <i>Cancer Chemotherapy and Pharmacology</i> , 2010, 66, 755-764.	2.3	43
13	Does cytotoxicity of metallointercalators correlate with cellular uptake or DNA affinity?. <i>Dalton Transactions</i> , 2012, 41, 9417.	3.3	42
14	An investigation into the interactions of gold nanoparticles and anti-arthritic drugs with macrophages, and their reactivity towards thioredoxin reductase. <i>Journal of Inorganic Biochemistry</i> , 2015, 142, 28-38.	3.5	42
15	Synchrotron radiation infrared microspectroscopy of arsenic-induced changes to intracellular biomolecules in live leukemia cells. <i>Vibrational Spectroscopy</i> , 2010, 53, 39-44.	2.2	38
16	Radiotracer studies of the antitumor metallocene molybdocene dichloride with biomolecules. <i>Polyhedron</i> , 2007, 26, 456-459.	2.2	18
17	Alkaloids from the root of Indonesian <i>Annona muricata</i> L. <i>Natural Product Research</i> , 2021, 35, 481-489.	1.8	17
18	Biological evaluation of bismuth non-steroidal anti-inflammatory drugs (BiNSAIDs): Stability, toxicity and uptake in HCT-8 colon cancer cells. <i>Journal of Inorganic Biochemistry</i> , 2014, 135, 28-39.	3.5	16

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19	A new class of quadruplex DNA-binding nickel Schiff base complexes. Dalton Transactions, 2020, 49, 4843-4860.	3.3	12
20	Genotoxicity and transmission electron microscopy studies of molybdocene dichloride. Journal of Inorganic Biochemistry, 2006, 100, 1194-1198.	3.5	11
21	The first steps on the journey towards curriculum reconciliation in science, medicine and health education. Higher Education Research and Development, 2021, 40, 194-206.	2.9	10
22	Copper and zinc complexes as antiinflammatory drugs. Metal Ions in Biological Systems, 2004, 41, 253-77.	0.4	10
23	Anti-cancer Evaluation of Depsides Isolated from Indonesian Folious Lichens: Physcia millegrana, Parmelia dilatata and Parmelia aurulenta. Biomolecules, 2020, 10, 1420.	4.0	9
24	Interactions of Non-steroidal Anti-inflammatory Drugs and Their Bismuth Analogues (BiNSAIDs) with Biological Membrane Mimics at Physiological pH. Langmuir, 2021, 37, 1337-1352.	3.5	8
25	Effects of Gold Nanoparticles and Gold Anti-Arthritic Compounds on Inflammation Marker Expression in Macrophages. Australian Journal of Chemistry, 2017, 70, 1057.	0.9	7
26	Chromium in Biology: Toxicology and Nutritional Aspects. , 0, , 145-250.		4
27	Synchrotron Radiation X-Ray Spectroscopy for Investigations of Intracellular Metallointercalators: X-Ray Fluorescence Imaging and X-Ray Absorption Spectroscopy. , 2011, , 273-298.		0