Mark J Mckeage

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

94 papers	3,922 citations	33 h-index	60 g-index
99 ext. papers	4,314 ext. citations	5.8 avg, IF	5.26 L-index

#	Paper	IF	Citations
94	Osimertinib in NSCLC: Real-World Data From New Zealand. *JTO Clinical and Research Reports*, **2020**, 1, 100022	1.4	1
93	Utilisation and Determinants of Epidermal Growth Factor Receptor Mutation Testing in Patients with Non-small Cell Lung Cancer in Routine Clinical Practice: A Global Systematic Review. *Targeted Oncology*, **2020**, 15, 279-299	5	8
92	Muscle ultrasound in the assessment of oxaliplatin-induced neurotoxicity. *Clinical Neurophysiology*, **2020**, 131, 343-344	4.3	3
91	Final Overall Survival and Other Efficacy and Safety Results From ASCEND-3: Phase II Study of Ceritinib in ALKi-Naive Patients With ALK-Rearranged NSCLC. *Journal of Thoracic Oncology*, **2020**, 15, 609-617	8.9	15
90	Screening for anaplastic lymphoma kinase (ALK) gene rearrangements in non-small-cell lung cancer in New Zealand. *Internal Medicine Journal*, **2020**, 50, 716-725	1.6	5
89	Transport-Mediated Oxaliplatin Resistance Associated with Endogenous Overexpression of MRP2 in Caco-2 and PANC-1 Cells. *Cancers*, **2019**, 11,	6.6	8
88	Efficacy and Safety of Ceritinib (450 mg/d or 600 mg/d) With Food Versus 750-mg/d Fasted in Patients With ALK Receptor Tyrosine Kinase (ALK)-Positive NSCLC: Primary Efficacy Results From the ASCEND-8 Study. *Journal of Thoracic Oncology*, **2019**, 14, 1255-1265	8.9	36
87	Identification of MRP2 as a targetable factor limiting oxaliplatin accumulation and response in gastrointestinal cancer. *Scientific Reports*, **2019**, 9, 2245	4.9	11
86	The Effects of Synthetically Modified Natural Compounds on ABC Transporters. *Pharmaceutics*, **2018**, 10,	6.4	13
85	Phase IB Trial of the Anti-Cancer Stem Cell DLL4-Binding Agent Demcizumab with Pemetrexed and Carboplatin as First-Line Treatment of Metastatic Non-Squamous NSCLC. *Targeted Oncology*, **2018**, 13, 89-98	5	37
84	Incomplete uptake of EGFR mutation testing and its impact on estimation of mutation prevalence in patients with non-squamous NSCLC: A population-based study in New Zealand. *Cancer Epidemiology*, **2018**, 57, 24-32	2.8	6
83	Copper transporter 1 in human colorectal cancer cell lines: Effects of endogenous and modified expression on oxaliplatin cytotoxicity. *Journal of Inorganic Biochemistry*, **2017**, 177, 249-258	4.2	13
82	ASCEND-8: A Randomized Phase 1 Study of Ceritinib, 450 mg or 600 mg, Taken with a Low-Fat Meal versus 750 mg in Fasted State in Patients with Anaplastic Lymphoma Kinase (ALK)-Rearranged Metastatic Non-Small Cell Lung Cancer (NSCLC). *Journal of Thoracic Oncology*, **2017**, 12, 1357-1367	8.9	100
81	Predicting effects on oxaliplatin clearance: in vitro, kinetic and clinical studies of calcium- and magnesium-mediated oxaliplatin degradation. *Scientific Reports*, **2017**, 7, 4073	4.9	5
80	EGFR Mutation Testing of non-squamous NSCLC: Impact and Uptake during Implementation of Testing Guidelines in a Population-Based Registry Cohort from Northern New Zealand. *Targeted Oncology*, **2017**, 12, 663-675	5	10
79	Lung cancer mutation testing: a clinical retesting study of agreement between a real-time PCR and a mass spectrometry test. *Oncotarget*, **2017**, 8, 101437-101451	3.3	10
78	Preventing oxaliplatin-induced neurotoxicity: rationale and design of phase Ib randomized, double-blind, placebo-controlled, cross-over trials for early clinical evaluation of investigational therapeutics. *Expert Opinion on Drug Metabolism and Toxicology*, **2016**, 12, 1479-1490	5.5	9

77	Binding mode of the breakthrough inhibitor AZD9291 to epidermal growth factor receptor revealed. *Journal of Structural Biology*, **2015**, 192, 539-544	3.4	73
76	Role of platinum DNA damage-induced transcriptional inhibition in chemotherapy-induced neuronal atrophy and peripheral neurotoxicity. *Journal of Neurochemistry*, **2015**, 135, 1099-112	6	24
75	Multidrug Resistance-Associated Protein 2 (MRP2) Mediated Transport of Oxaliplatin-Derived Platinum in Membrane Vesicles. *PLoS ONE*, **2015**, 10, e0130727	3.7	26
74	Selective cellular uptake and retention of SN 28049, a new DNA-binding topoisomerase II-directed antitumor agent. *Cancer Chemotherapy and Pharmacology*, **2014**, 74, 25-35	3.5	6
73	Emerging roles of metal solute carriers in cancer mechanisms and treatment. *Biopharmaceutics and Drug Disposition*, **2014**, 35, 450-62	1.7	10
72	Therapeutic targeting of tumor angiogenesis: how far have we come?. *Clinical Investigation*, **2014**, 4, 1113-1122		
71	Hormone Resistance in Two MCF-7 Breast Cancer Cell Lines is Associated with Reduced mTOR Signaling, Decreased Glycolysis, and Increased Sensitivity to Cytotoxic Drugs. *Frontiers in Oncology*, **2014**, 4, 221	5.3	18
70	Phase I drug-interaction study of effects of calcium and magnesium infusions on oxaliplatin pharmacokinetics and acute neurotoxicity in colorectal cancer patients. *BMC Cancer*, **2013**, 13, 495	4.8	18
69	Contributions of rat Ctr1 to the uptake and toxicity of copper and platinum anticancer drugs in dorsal root ganglion neurons. *Biochemical Pharmacology*, **2013**, 85, 207-15	6	30
68	Evaluation of effects of copper histidine on copper transporter 1-mediated accumulation of platinum and oxaliplatin-induced neurotoxicity in vitro and in vivo. *Clinical and Experimental Pharmacology and Physiology*, **2013**, 40, 371-8	3	9
67	Anticancer potential of tumor vascular disrupting agents: review of the latest clinical evidence. *Clinical Investigation*, **2012**, 2, 985-993		11
66	PR-104 a bioreductive pre-prodrug combined with gemcitabine or docetaxel in a phase Ib study of patients with advanced solid tumours. *BMC Cancer*, **2012**, 12, 496	4.8	42
65	Mass balance, excretion and metabolism of [□□] ASA404 in cancer patients in a phase I trial. *Cancer Chemotherapy and Pharmacology*, **2012**, 69, 1145-54	3.5	3
64	Membrane transporters as determinants of the pharmacology of platinum anticancer drugs. *Current Cancer Drug Targets*, **2012**, 12, 962-86	2.8	46
63	Reply to E.S. Wang et al. *Journal of Clinical Oncology*, **2012**, 30, 761-762	2.2	6
62	A phase I trial of PR-104, a pre-prodrug of the bioreductive prodrug PR-104A, given weekly to solid tumour patients. *BMC Cancer*, **2011**, 11, 432	4.8	47
61	Clinical trials of vascular disrupting agents in advanced non--small-cell lung cancer. *Clinical Lung Cancer*, **2011**, 12, 143-7	4.9	10
60	Randomized phase III placebo-controlled trial of carboplatin and paclitaxel with or without the vascular disrupting agent vadimezan (ASA404) in advanced non-small-cell lung cancer. *Journal of Clinical Oncology*, **2011**, 29, 2965-71	2.2	230

59	A phase 1 study of AS1409, a novel antibody-cytokine fusion protein, in patients with malignant melanoma or renal cell carcinoma. *Clinical Cancer Research*, **2011**, 17, 1998-2005	12.9	67
58	Oxaliplatin transport mediated by organic cation/carnitine transporters OCTN1 and OCTN2 in overexpressing human embryonic kidney 293 cells and rat dorsal root ganglion neurons. *Journal of Pharmacology and Experimental Therapeutics*, **2011**, 338, 537-47	4.7	103
57	ASA404: a tumor vascular-disrupting agent with broad potential for cancer therapy. *Future Oncology*, **2010**, 6, 1537-43	3.6	12
56	Differential expression of ATP7A, ATP7B and CTR1 in adult rat dorsal root ganglion tissue. *Molecular Pain*, **2010**, 6, 53	3.4	27
55	Detecting acute neurotoxicity during platinum chemotherapy by neurophysiological assessment of motor nerve hyperexcitability. *BMC Cancer*, **2010**, 10, 451	4.8	37
54	Disrupting established tumor blood vessels: an emerging therapeutic strategy for cancer. *Cancer*, **2010**, 116, 1859-71	6.4	124
53	Comparative outcomes of squamous and non-squamous non-small cell lung cancer (NSCLC) patients in phase II studies of ASA404 (DMXAA) - retrospective analysis of pooled data. *Journal of Thoracic Disease*, **2010**, 2, 199-204	2.6	22
52	Transient retinal effects of 5,6-dimethylxanthenone-4-acetic acid (DMXAA, ASA404), an antitumor vascular-disrupting agent in phase I clinical trials **2009**, 50, 2553-9		11
51	Neuronal expression of copper transporter 1 in rat dorsal root ganglia: association with platinum neurotoxicity. *Cancer Chemotherapy and Pharmacology*, **2009**, 64, 847-56	3.5	44
50	Phase II study of ASA404 (vadimezan, 5,6-dimethylxanthenone-4-acetic acid/DMXAA) 1800mg/m(2) combined with carboplatin and paclitaxel in previously untreated advanced non-small cell lung cancer. *Lung Cancer*, **2009**, 65, 192-7	5.9	80
49	Oxaliplatin-induced loss of phosphorylated heavy neurofilament subunit neuronal immunoreactivity in rat DRG tissue. *Molecular Pain*, **2009**, 5, 66	3.4	22
48	Randomised phase II study of ASA404 combined with carboplatin and paclitaxel in previously untreated advanced non-small cell lung cancer. *British Journal of Cancer*, **2008**, 99, 2006-12	8.7	108
47	Comparative protein binding, stability and degradation of satraplatin, JM118 and cisplatin in human plasma in vitro. *Clinical and Experimental Pharmacology and Physiology*, **2008**, 35, 1440-6	3	18
46	Platinum-specific detection and quantification of oxaliplatin and Pt(R,R-diaminocyclohexane)Cl2 in the blood plasma of colorectal cancer patients. *Journal of Analytical Atomic Spectrometry*, **2008**, 23, 881	3.7	21
45	The potential of DMXAA (ASA404) in combination with docetaxel in advanced prostate cancer. *Expert Opinion on Investigational Drugs*, **2008**, 17, 23-9	5.9	29
44	In vitro antitumour and hepatotoxicity profiles of Au(I) and Ag(I) bidentate pyridyl phosphine complexes and relationships to cellular uptake. *Journal of Inorganic Biochemistry*, **2008**, 102, 303-10	4.2	163
43	Satraplatin in hormone-refractory prostate cancer and other tumour types: pharmacological properties and clinical evaluation. *Drugs*, **2007**, 67, 859-69	12.1	13
42	Capecitabine and oral cyclophosphamide: A novel oral treatment combination for advanced cancer. *Asia-Pacific Journal of Clinical Oncology*, **2007**, 3, 99-105	1.9	5

41	Antitumour action of 5,6-dimethylxanthenone-4-acetic acid in rats bearing chemically induced primary mammary tumours. *Cancer Chemotherapy and Pharmacology*, **2007**, 59, 661-9	3.5	19
40	Nucleolar enlargement, nuclear eccentricity and altered cell body immunostaining characteristics of large-sized sensory neurons following treatment of rats with paclitaxel. *NeuroToxicology*, **2007**, 28, 1092-8	4.4	25
39	Satraplatin activation by haemoglobin, cytochrome C and liver microsomes in vitro. *Cancer Chemotherapy and Pharmacology*, **2006**, 57, 483-90	3.5	69
38	5,6-Dimethylxanthenone-4-acetic acid in the treatment of refractory tumors: a phase I safety study of a vascular disrupting agent. *Clinical Cancer Research*, **2006**, 12, 1776-84	12.9	86
37	5,6-Dimethylxanthenone-4-Acetic Acid (DMXAA). *American Journal of Cancer*, **2006**, 5, 155-162		18
36	Specific determination of intact cisplatin and monohydrated cisplatin in human plasma and culture medium ultrafiltrates using HPLC on-line with inductively coupled plasma mass spectrometry. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2006**, 837, 29-34	3.2	32
35	New-generation platinum drugs in the treatment of cisplatin-resistant cancers. *Expert Opinion on Investigational Drugs*, **2005**, 14, 1033-46	5.9	40
34	Oxaliplatin causes selective atrophy of a subpopulation of dorsal root ganglion neurons without inducing cell loss. *Cancer Chemotherapy and Pharmacology*, **2005**, 56, 391-9	3.5	87
33	Application of liquid chromatography-mass spectrometry to monitoring plasma cyclophosphamide levels in phase I trial cancer patients. *Clinical and Experimental Pharmacology and Physiology*, **2004**, 31, 677-82	3	10
32	Paclitaxel induces nucleolar enlargement in dorsal root ganglion neurons in vivo reducing oxaliplatin toxicity. *British Journal of Cancer*, **2003**, 88, 1942-7	8.7	18
31	Marked potentiation of the antitumour activity of chemotherapeutic drugs by the antivascular agent 5,6-dimethylxanthenone-4-acetic acid (DMXAA). *Cancer Chemotherapy and Pharmacology*, **2003**, 51, 43-52	3.5	85
30	Rapid biotransformation of satraplatin by human red blood cells in vitro. *Cancer Chemotherapy and Pharmacology*, **2002**, 50, 9-15	3.5	70
29	Examination of the effects of oxidation and ring closure on the cytotoxicities of the platinum complexes of N-(2-hydroxyethyl)ethane-1,2-diamine and ethane-1,2-diamine-N,NSdiacetic acid. *Journal of Inorganic Biochemistry*, **2002**, 91, 205-11	4.2	12
28	Gold opens mitochondrial pathways to apoptosis. *British Journal of Pharmacology*, **2002**, 136, 1081-2	8.6	23
27	Mechanisms of cytotoxicity and antitumor activity of gold(I) phosphine complexes: the possible role of mitochondria. *Coordination Chemistry Reviews*, **2002**, 232, 127-135	23.2	212
26	cis-Dichloroplatinum(II) complexes tethered to 9-aminoacridine-4-carboxamides: synthesis and action in resistant cell lines in vitro. *Journal of Inorganic Biochemistry*, **2001**, 85, 209-17	4.2	45
25	Nucleolar damage correlates with neurotoxicity induced by different platinum drugs. *British Journal of Cancer*, **2001**, 85, 1219-25	8.7	83
24	Lobaplatin: a new antitumour platinum drug. *Expert Opinion on Investigational Drugs*, **2001**, 10, 119-28	5.9	108

23	Role of lipophilicity in determining cellular uptake and antitumour activity of gold phosphine complexes. *Cancer Chemotherapy and Pharmacology*, **2000**, 46, 343-50	3.5	176
22	Increased targeting of adenine-rich sequences by (2-amino-2-methyl-3-butanone oxime)dichloroplatinum(II) and investigations into its low cytotoxicity. *Journal of Biological Inorganic Chemistry*, **2000**, 5, 675-81	3.7	16
21	Platinum neurotoxicity: clinical profiles, experimental models and neuroprotective approaches. *Journal of Inorganic Biochemistry*, **1999**, 77, 105-10	4.2	120
20	Structural and solution chemistry of gold(I) and silver(I) complexes of bidentate pyridyl phosphines: selective antitumour agents. *Coordination Chemistry Reviews*, **1999**, 185-186, 823-836	23.2	107
19	Vinblastine pharmacokinetics in patients with non-small cell lung cancer given cisplatin. *Cancer Investigation*, **1999**, 17, 479-85	2.1	2
18	Quantitative determination of platinum complexes in human plasma generated from the oral antitumour drug JM216 using directly coupled high-performance liquid chromatography-inductively coupled plasma mass spectrometry without desolvation. *Journal of Analytical Atomic Spectrometry*, **1999**, 14, 953-956	3.7	23
17	Antitumor activity of gold(i), silver(i) and copper(i) complexes containing chiral tertiary phosphines. *Metal-Based Drugs*, **1998**, 5, 217-23		53
16	Preparation, characterization, DNA binding, and in vitro cytotoxicity of the enantiomers of the platinum(II) complexes N-methyl-, N-ethyl- and N,N-dimethyl-(R)- and -(S)-3-aminohexahydroazepinedichloroplatinum(II). *Journal of Medicinal Chemistry*, **1997**, 40, 3508-15	8.3	32
15	Preparation, DNA binding, and in vitro cytotoxicity of a pair of enantiomeric platinum(II) complexes, [(R)- and (S)-3-aminohexahydroazepine]dichloroplatinum(II). Crystal structure of the S enantiomer. *Journal of Medicinal Chemistry*, **1997**, 40, 1090-8	8.3	56
14	Selective antitumour activity of metal complexes of bidentate pyridylphosphines. *Journal of Inorganic Biochemistry*, **1997**, 67, 154	4.2	5
13	The Clinical Development of the Oral Platinum Anticancer Agent JM216 **1996**, 83-89		4
12	A phase I and pharmacology study of an oral platinum complex, JM216: dose-dependent pharmacokinetics with single-dose administration. *Cancer Chemotherapy and Pharmacology*, **1995**, 36, 451-8	3.5	83
11	Comparative adverse effect profiles of platinum drugs. *Drug Safety*, **1995**, 13, 228-44	5.1	226
10	Non-surgical aspects of ovarian cancer. *Lancet, The*, **1994**, 343, 335-340	40	16
9	Preclinical toxicology and tissue platinum distribution of novel oral antitumour platinum complexes: ammine/amine platinum(IV) dicarboxylates. *Cancer Chemotherapy and Pharmacology*, **1994**, 33, 497-503	3.5	17
8	New platinum agents. A comparison in ovarian cancer. *Drugs and Aging*, **1994**, 5, 85-95	4.7	13
7	Mechanism of action of an orally administered platinum complex [ammine bis butyrato cyclohexylamine dichloroplatinum (IV) (JM221)] in intrinsically cisplatin-resistant human ovarian carcinoma in vitro. *British Journal of Cancer*, **1994**, 69, 1-7	8.7	16
6	Tamoxifen and chemotherapy for refractory metastatic malignant melanoma. *New England Journal of Medicine*, **1993**, 328, 140-1	59.2	6

5	Lack of nephrotoxicity of oral ammine/amine platinum (IV) dicarboxylate complexes in rodents. *British Journal of Cancer*, **1993**, 67, 996-1000	8.7	33
4	New Platinum Drugs **1993**, 169-212		7
3	A clinical and pharmacological study of high-dose mitozolomide given in conjunction with autologous bone marrow rescue. *Cancer Chemotherapy and Pharmacology*, **1992**, 29, 201-6	3.5	2
2	Plasma pharmacokinetics of the antitumour agents 5,6-dimethylxanthenone-4-acetic acid, xanthenone-4-acetic acid and flavone-8-acetic acid in mice. *Cancer Chemotherapy and Pharmacology* , **1991**, 28, 409-13	3.5	31
1	Haematological effects in mice of the antitumour agents xanthenone-4-acetic acid, 5,6-dimethyl-xanthenone-4-acetic acid [correction of 5,6-methyl-] and flavone acetic acid. *Cancer Chemotherapy and Pharmacology*, **1991**, 28, 414-9	3.5	7