

# Massimo Zucchetti

## List of Publications by Citations

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151  
papers

4,405  
citations

36  
h-index

59  
g-index

153  
ext. papers

4,928  
ext. citations

5.2  
avg, IF

4.68  
L-index

#	Paper	IF	Citations
151	Role of macrophage targeting in the antitumor activity of trabectedin. <i>Cancer Cell</i> , <b>2013</b> , 23, 249-62	24.3	568
150	Role of alpha1 acid glycoprotein in the in vivo resistance of human BCR-ABL(+) leukemic cells to the abl inhibitor STI571. <i>Journal of the National Cancer Institute</i> , <b>2000</b> , 92, 1641-50	9.7	241
149	Alpha1 acid glycoprotein binds to imatinib (STI571) and substantially alters its pharmacokinetics in chronic myeloid leukemia patients. <i>Clinical Cancer Research</i> , <b>2003</b> , 9, 625-32	12.9	136
148	Phase I/IIa study evaluating the safety, efficacy, pharmacokinetics, and pharmacodynamics of lucitanib in advanced solid tumors. <i>Annals of Oncology</i> , <b>2014</b> , 25, 2244-2251	10.3	133
147	Blockade of the IL-1R1/TLR4 pathway mediates disease-modification therapeutic effects in a model of acquired epilepsy. <i>Neurobiology of Disease</i> , <b>2017</b> , 99, 12-23	7.5	114
146	Do anticancer agents reach the tumor target in the human brain?. <i>Cancer Chemotherapy and Pharmacology</i> , <b>1992</b> , 30, 251-60	3.5	112
145	Pharmacokinetics of anticancer agents in patients with impaired liver function. <i>European Journal of Cancer</i> , <b>1998</b> , 34, 33-46	7.5	93
144	L-asparagine depletion and L-asparaginase activity in children with acute lymphoblastic leukemia receiving i.m. or i.v. Erwinia C. or E. coli L-asparaginase as first exposure. <i>Annals of Oncology</i> , <b>2000</b> , 11, 189-93	10.3	76
143	Pharmacokinetics of etoposide in patients with abnormal renal and hepatic function. <i>Cancer Research</i> , <b>1986</b> , 46, 2566-71	10.1	75
142	A first in human phase I study of the proteasome inhibitor CEP-18770 in patients with advanced solid tumours and multiple myeloma. <i>European Journal of Cancer</i> , <b>2013</b> , 49, 290-6	7.5	66
141	Effective combination of ET-743 and doxorubicin in sarcoma: preclinical studies. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2003</b> , 52, 131-8	3.5	66
140	High-dose vitamin C enhances cancer immunotherapy. <i>Science Translational Medicine</i> , <b>2020</b> , 12,	17.5	65
139	Pharmacokinetics of concomitant cisplatin and paclitaxel administered by hyperthermic intraperitoneal chemotherapy to patients with peritoneal carcinomatosis from epithelial ovarian cancer. <i>British Journal of Cancer</i> , <b>2015</b> , 112, 306-12	8.7	61
138	Tumor delivery of chemotherapy combined with inhibitors of angiogenesis and vascular targeting agents. <i>Frontiers in Oncology</i> , <b>2013</b> , 3, 259	5.3	61
137	Chemical characterization of Iraqi propolis samples and assessing their antioxidant potentials. <i>Food and Chemical Toxicology</i> , <b>2011</b> , 49, 2415-21	4.7	59
136	A pharmacological study on pegylated asparaginase used in front-line treatment of children with acute lymphoblastic leukemia. <i>Haematologica</i> , <b>2006</b> , 91, 24-31	6.6	58
135	Clinical and pharmacological phase I study with accelerated titration design of a daily times five schedule of BBR3464, a novel cationic triplatinum complex. <i>Annals of Oncology</i> , <b>2000</b> , 11, 977-83	10.3	55

134	Phase I and clinical pharmacological evaluation of aphidicolin glycinate. <i>Journal of the National Cancer Institute</i> , <b>1991</b> , 83, 1160-4	9.7	54
133	High-performance liquid chromatography tandem mass spectrometry procedure with automated solid phase extraction sample preparation for the quantitative determination of paclitaxel (Taxol) in human plasma. <i>Rapid Communications in Mass Spectrometry</i> , <b>1998</b> , 12, 251-5	2.2	53
132	Intratumor heterogeneity and its impact on drug distribution and sensitivity. <i>Clinical Pharmacology and Therapeutics</i> , <b>2014</b> , 96, 224-38	6.1	51
131	Pharmacokinetics of HD-MTX in infants, children, and adolescents with non-B acute lymphoblastic leukemia. <i>Medical and Pediatric Oncology</i> , <b>1995</b> , 24, 154-9		51
130	Distribution of daunorubicin and daunorubicinol in human glioma tumors after administration of liposomal daunorubicin. <i>Cancer Chemotherapy and Pharmacology</i> , <b>1999</b> , 44, 173-6	3.5	50
129	Determination of paclitaxel distribution in solid tumors by nano-particle assisted laser desorption ionization mass spectrometry imaging. <i>PLoS ONE</i> , <b>2013</b> , 8, e72532	3.7	48
128	Complete protection by high-dose dexamethasone against the hepatotoxicity of the novel antitumor drug yondelis (ET-743) in the rat. <i>Cancer Research</i> , <b>2003</b> , 63, 5902-8	10.1	48
127	Bevacizumab-Induced Inhibition of Angiogenesis Promotes a More Homogeneous Intratumoral Distribution of Paclitaxel, Improving the Antitumor Response. <i>Molecular Cancer Therapeutics</i> , <b>2016</b> , 15, 125-35	6.1	47
126	Phase I clinical and pharmacokinetic study of trabectedin and doxorubicin in advanced soft tissue sarcoma and breast cancer. <i>European Journal of Cancer</i> , <b>2009</b> , 45, 1153-1161	7.5	47
125	Heterogeneity of paclitaxel distribution in different tumor models assessed by MALDI mass spectrometry imaging. <i>Scientific Reports</i> , <b>2016</b> , 6, 39284	4.9	47
124	3D Mass Spectrometry Imaging Reveals a Very Heterogeneous Drug Distribution in Tumors. <i>Scientific Reports</i> , <b>2016</b> , 6, 37027	4.9	45
123	Sequence dependent antitumour efficacy of the vascular disrupting agent ZD6126 in combination with paclitaxel. <i>British Journal of Cancer</i> , <b>2007</b> , 97, 888-94	8.7	45
122	Epidoxorubicin and docetaxel as first-line chemotherapy in patients with advanced breast cancer: a multicentric phase I-II study. <i>Annals of Oncology</i> , <b>2000</b> , 11, 985-91	10.3	45
121	Phase I clinical and pharmacokinetic study of the oral platinum analogue JM216 given daily for 14 days. <i>Annals of Oncology</i> , <b>1998</b> , 9, 1315-22	10.3	41
120	Susceptibility of different mouse strains to oxaliplatin peripheral neurotoxicity: Phenotypic and genotypic insights. <i>PLoS ONE</i> , <b>2017</b> , 12, e0186250	3.7	39
119	Cyclosporin A markedly changes the distribution of doxorubicin in mice and rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>1994</b> , 269, 22-7	4.7	38
118	Trabectedin and olaparib in patients with advanced and non-resectable bone and soft-tissue sarcomas (TOMAS): an open-label, phase 1b study from the Italian Sarcoma Group. <i>Lancet Oncology</i> , <b>2018</b> , 19, 1360-1371	21.7	38
117	Tyrosine kinase inhibitors and multidrug resistance proteins: interactions and biological consequences. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2010</b> , 65, 335-46	3.5	37

116	The tyrosine kinase inhibitor E-3810 combined with paclitaxel inhibits the growth of advanced-stage triple-negative breast cancer xenografts. <i>Molecular Cancer Therapeutics</i> , <b>2013</b> , 12, 131-40	6.1	36
115	Changes in doxorubicin distribution and toxicity in mice pretreated with the cyclosporin analogue SDZ PSC 833. <i>Cancer Chemotherapy and Pharmacology</i> , <b>1995</b> , 36, 335-40	3.5	36
114	Binding of imatinib by alpha(1)-acid glycoprotein. <i>Blood</i> , <b>2002</b> , 100, 367-8; author reply 368-9	2.2	34
113	Bioreducible Hydrophobin-Stabilized Supraparticles for Selective Intracellular Release. <i>ACS Nano</i> , <b>2017</b> , 11, 9413-9423	16.7	31
112	Dietary agent indole-3-carbinol protects female rats against the hepatotoxicity of the antitumor drug ET-743 (trabectedin) without compromising efficacy in a rat mammary carcinoma. <i>International Journal of Cancer</i> , <b>2004</b> , 111, 961-7	7.5	31
111	L-Asparagine depletion in plasma and cerebro-spinal fluid of children with acute lymphoblastic leukemia during subsequent exposures to Erwinia L-asparaginase. <i>Annals of Oncology</i> , <b>1996</b> , 7, 725-30	10.3	31
110	Phase I clinical and pharmacokinetic study of trabectedin and cisplatin in solid tumours. <i>European Journal of Cancer</i> , <b>2009</b> , 45, 2116-22	7.5	30
109	PEGylated Nanoparticles Obtained through Emulsion Polymerization as Paclitaxel Carriers. <i>Molecular Pharmaceutics</i> , <b>2016</b> , 13, 40-6	5.6	29
108	New class of squalene-based releasable nanoassemblies of paclitaxel, podophyllotoxin, camptothecin and epothilone A. <i>European Journal of Medicinal Chemistry</i> , <b>2014</b> , 85, 179-90	6.8	27
107	The pharmacokinetics of liposomal encapsulated daunorubicin are not modified by HAART in patients with HIV-associated Kaposi's sarcoma. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2000</b> , 45, 495-501	3.5	27
106	Pharmacokinetic interactions of paclitaxel, docetaxel and their vehicles with doxorubicin. <i>Annals of Oncology</i> , <b>1999</b> , 10, 391-5	10.3	27
105	A limited sampling model for the pharmacokinetics of etoposide given orally. <i>Cancer Chemotherapy and Pharmacology</i> , <b>1993</b> , 32, 482-6	3.5	27
104	Oral efficacy and bioavailability of a novel taxane. <i>Clinical Cancer Research</i> , <b>2000</b> , 6, 2070-4	12.9	27
103	Pharmacokinetics and antineoplastic activity of galectin-1-targeting OTX008 in combination with sunitinib. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2013</b> , 72, 879-87	3.5	26
102	Differences between in vivo and in vitro sensitivity to imatinib of Bcr/Abl+ cells obtained from leukemic patients. <i>Blood Cells, Molecules, and Diseases</i> , <b>2002</b> , 28, 361-72	2.1	26
101	Determination of L-asparagine in biological samples in the presence of L-asparaginase. <i>Biomedical Applications</i> , <b>1994</b> , 657, 47-52		26
100	Pharmacokinetics of 4-demethoxydaunorubicin in cancer patients. <i>Cancer Chemotherapy and Pharmacology</i> , <b>1990</b> , 25, 445-8	3.5	26
99	Venetoclax penetrates in cerebrospinal fluid and may be effective in chronic lymphocytic leukemia with central nervous system involvement. <i>Haematologica</i> , <b>2019</b> , 104, e222-e223	6.6	24

98	Imaging mass spectrometry: challenges in visualization of drug distribution in solid tumors. <i>Current Opinion in Pharmacology</i> , <b>2013</b> , 13, 807-12	5.1	24
97	The novel lipophilic camptothecin analogue gimatecan is very active in vitro in human neuroblastoma: a comparative study with SN38 and topotecan. <i>Biochemical Pharmacology</i> , <b>2005</b> , 70, 1125-36	6	24
96	Clinical and pharmacokinetic study of oral NK611, a new podophyllotoxin derivative. <i>Cancer Chemotherapy and Pharmacology</i> , <b>1996</b> , 38, 541-7	3.5	24
95	Imatinib concentrations in human milk. <i>Blood</i> , <b>2007</b> , 109, 1790-1790	2.2	23
94	Metabolic approach to the enhancement of antitumor effect of chemotherapy: a key role of acetyl-L-carnitine. <i>Clinical Cancer Research</i> , <b>2010</b> , 16, 3944-53	12.9	22
93	Imatinib concentrations in human milk. <i>Blood</i> , <b>2007</b> , 109, 1790	2.2	22
92	Phase I clinical and pharmacokinetic study of oral etoposide phosphate. <i>Journal of Clinical Oncology</i> , <b>1995</b> , 13, 200-9	2.2	22
91	In vivo comparative study of the cytotoxicity of a liposomal formulation of cisplatin (lipoplatin) $\square$ . <i>Cancer Chemotherapy and Pharmacology</i> , <b>2011</b> , 68, 1001-8	3.5	21
90	Simultaneous determination of gemcitabine and its main metabolite, dFdU, in plasma of patients with advanced non-small-cell lung cancer by high-performance liquid chromatography-tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , <b>2008</b> , 43, 216-23	2.2	21
89	Validated procedure for simultaneous trace level determination of the anti-cancer agent gemcitabine and its metabolite in human urine by high-performance liquid chromatography with tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2004</b> , 18, 1017-23	2.2	21
88	Pharmacokinetics of cisplatin during open and minimally-invasive secondary cytoreductive surgery plus HIPEC in women with platinum-sensitive recurrent ovarian cancer: a prospective study. <i>Journal of Gynecologic Oncology</i> , <b>2019</b> , 30, e59	4	20
87	Development and validation of a liquid chromatography-tandem mass spectrometry method for the determination of ST1926, a novel oral antitumor agent, adamantyl retinoid derivative, in plasma of patients in a Phase I study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2009</b> , 877, 2118-24	3.2	20
86	Low-dose oral etoposide in epithelial cancer of the ovary. <i>Annals of Oncology</i> , <b>1993</b> , 4, 517-9	10.3	20
85	Asparagine levels in the cerebrospinal fluid of children with acute lymphoblastic leukemia treated with pegylated-asparaginase in the induction phase of the AIEOP-BFM ALL 2009 study. <i>Haematologica</i> , <b>2019</b> , 104, 1812-1821	6.6	19
84	High-performance liquid chromatographic assay for the determination of Aloe Emodin in mouse plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2003</b> , 796, 113-9	3.2	19
83	Phase I study of the antifolate N10-propargyl-5,8-dideazafofolic acid, CB 3717. <i>European Journal of Cancer &amp; Clinical Oncology</i> , <b>1988</b> , 24, 769-75		19
82	Analysis of aplidine (dehydrodidemnin B), a new marine-derived depsipeptide, in rat biological fluids by liquid chromatography-tandem mass spectrometry. <i>Biomedical Applications</i> , <b>1999</b> , 731, 335-43		18
81	Concentrations of VP16 and VM26 in human brain tumors. <i>Annals of Oncology</i> , <b>1991</b> , 2, 63-6	10.3	18

80	Clindamycin-paclitaxel pharmacokinetic interaction in ovarian cancer patients. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2006</b> , 58, 319-25	3.5	17
79	Concerted escalation of dose and dosing duration in a phase I study of the oral camptothecin gimatecan (ST1481) in patients with advanced solid tumors. <i>Annals of Oncology</i> , <b>2007</b> , 18, 561-8	10.3	17
78	A novel oral micellar fenretinide formulation with enhanced bioavailability and antitumour activity against multiple tumours from cancer stem cells. <i>Journal of Experimental and Clinical Cancer Research</i> , <b>2019</b> , 38, 373	12.8	16
77	Pharmacokinetics and metabolism in mice of IDN 5390 (13-(N-Boc-3-i-butylisoserinoyl)-C-7,8-seco-10-deacetylbaaccatin III), a new oral c-seco-taxane derivative with antiangiogenic property effective on paclitaxel-resistant tumors. <i>Drug Metabolism and Pharmacokinetics</i> , <b>2011</b> , 26, 200-205	4	16
76	Determination of aplidin, a marine-derived anticancer drug, in human plasma, whole blood and urine by liquid chromatography with electrospray ionisation tandem mass spectrometric detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2004</b> , 34, 619-30	3.5	16
75	IDN 5390: an oral taxane candidate for protracted treatment schedules. <i>British Journal of Cancer</i> , <b>2003</b> , 88, 965-72	8.7	16
74	Pharmacokinetic study of intravesical gemcitabine in carcinoma in situ of the bladder refractory to bacillus Calmette-Guérin therapy. <i>Urologia Internationalis</i> , <b>2005</b> , 75, 309-13	1.9	16
73	In Vitro and In Vivo Activity of Lucitanib in FGFR1/2 Amplified or Mutated Cancer Models. <i>Neoplasia</i> , <b>2017</b> , 19, 35-42	6.4	15
72	Biological properties of IDN5174, a new synthetic camptothecin with the open lactone ring. <i>Cancer Research</i> , <b>2006</b> , 66, 10976-82	10.1	15
71	A novel taxane active against an orthotopically growing human glioma xenograft. <i>Cancer</i> , <b>2001</b> , 92, 3085-92	6.2	15
70	Paclitaxel induces significant changes in epidoxorubicin distribution in mice. <i>Annals of Oncology</i> , <b>1996</b> , 7, 801-5	10.3	15
69	Immediate cooling does not prevent the ex vivo hydrolysis of L-asparagine by asparaginase. <i>Therapeutic Drug Monitoring</i> , <b>2014</b> , 36, 549-52	3.2	14
68	Phase I clinical and pharmacological study of oral methoxymorpholinyl doxorubicin (PNU 152243). <i>Cancer Chemotherapy and Pharmacology</i> , <b>1999</b> , 44, 403-10	3.5	14
67	High Penetration of Paclitaxel in Abdominal Wall of Rabbits after Hyperthermic Intraperitoneal Administration of Nab-Paclitaxel Compared to Standard Paclitaxel Formulation. <i>Pharmaceutical Research</i> , <b>2017</b> , 34, 1180-1186	4.5	13
66	Structural characterization of mono- and dihydroxylated metabolites of paclitaxel in rat bile using liquid chromatography/ion spray tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>1997</b> , 11, 1025-32	2.2	13
65	Safety and potential effectiveness of daunorubicin-containing liposomes in patients with advanced recurrent malignant CNS tumors. <i>Cancer Chemotherapy and Pharmacology</i> , <b>1999</b> , 43, 178-9	3.5	13
64	CCN-Based Therapeutic Peptides Modify Pancreatic Ductal Adenocarcinoma Microenvironment and Decrease Tumor Growth in Combination with Chemotherapy. <i>Cells</i> , <b>2020</b> , 9,	7.9	12
63	Quantification of trabectedin in human plasma: validation of a high-performance liquid chromatography-mass spectrometry method and its application in a clinical pharmacokinetic study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2014</b> , 95, 107-12	3.5	12

62	Pharmacokinetics of teniposide in patients with ovarian cancer. <i>Cancer Treatment Reports</i> , <b>1985</b> , 69, 73-7		12
61	Self-assembling amphiphilic PEGylated block copolymers obtained through RAFT polymerization for drug-delivery applications. <i>Journal of Applied Polymer Science</i> , <b>2016</b> , 133, n/a-n/a	2.9	12
60	Application of 3D Mass Spectrometry Imaging to TKIs. <i>Clinical Pharmacology and Therapeutics</i> , <b>2017</b> , 102, 748-751	6.1	11
59	Multicenter, single arm, phase II trial on the efficacy of ortataxel in recurrent glioblastoma. <i>Journal of Neuro-Oncology</i> , <b>2019</b> , 142, 455-462	4.8	11
58	A Nanostructured Matrices Assessment to Study Drug Distribution in Solid Tumor Tissues by Mass Spectrometry Imaging. <i>Nanomaterials</i> , <b>2017</b> , 7,	5.4	11
57	Clinical pharmacokinetics of the new oral camptothecin gimatecan: the inter-patient variability is related to alpha1-acid glycoprotein plasma levels. <i>European Journal of Cancer</i> , <b>2010</b> , 46, 505-16	7.5	11
56	cis-Diamminedichloroplatinum(II) given in low-dose continuous infusion with concurrent radiotherapy to patients affected by inoperable lung carcinoma: a pharmacokinetic approach. <i>Journal of Cancer Research and Clinical Oncology</i> , <b>1998</b> , 124, 37-43	4.9	11
55	Fetal bovine serum, but not human serum, inhibits the in vitro cytotoxicity of ET-743 (Yondelis, trabectedin), an example of potential problems for extrapolation of active drug concentrations from in vitro studies. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2004</b> , 53, 89-90	3.5	11
54	Activity of aphidicolin glycinate alone or in combination with cisplatin in a murine ovarian tumor resistant to cisplatin. <i>Cancer Chemotherapy and Pharmacology</i> , <b>1992</b> , 30, 459-64	3.5	11
53	Pre-existing antibodies against polyethylene glycol reduce asparaginase activities on first administration of pegylated E. coli asparaginase in children with acute lymphocytic leukemia. <i>Haematologica</i> , <b>2020</b> , Online ahead of print,	6.6	11
52	Therapeutic Drug Monitoring of Asparaginase Activity-Method Comparison of MAAT and AHA Test Used in the International AIEOP-BFM ALL 2009 Trial. <i>Therapeutic Drug Monitoring</i> , <b>2018</b> , 40, 93-102	3.2	11
51	Pharmacokinetic profile of imatinib mesylate and N-desmethyl-imatinib (CGP 74588) in children with newly diagnosed Ph+ acute leukemias. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2009</b> , 63, 563-6	3.5	10
50	Pharmacokinetic study of gemcitabine, given as prolonged infusion at fixed dose rate, in combination with cisplatin in patients with advanced non-small-cell lung cancer. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2010</b> , 65, 1197-202	3.5	10
49	Temozolomide induced differentiation of K562 leukemia cells is not mediated by gene hypomethylation. <i>Biochemical Pharmacology</i> , <b>1989</b> , 38, 2069-75	6	10
48	Readily prepared biodegradable nanoparticles to formulate poorly water soluble drugs improving their pharmacological properties: The example of trabectedin. <i>Journal of Controlled Release</i> , <b>2018</b> , 276, 140-149	11.7	9
47	High-performance liquid chromatography/tandem mass spectrometry for the quantitative analysis of a novel taxane derivative (BAY59-8862) in biological samples and characterisation of its metabolic profile in rat bile samples. <i>Rapid Communications in Mass Spectrometry</i> , <b>2001</b> , 15, 1807-16	2.2	9
46	Clinical and pharmacokinetic phase I trial of oral dimethylaminoetoposide (NK611) administered for 21 days every 35 days. <i>Investigational New Drugs</i> , <b>1996</b> , 14, 379-86	4.3	9
45	High-performance liquid chromatographic assay for the determination of the novel podophyllotoxin derivative dimethylaminoetoposide (NK611) in human plasma. <i>Biomedical Applications</i> , <b>1994</b> , 654, 97-102		9

44	Phase II trial of salvage therapy with trabectedin in metastatic pancreatic adenocarcinoma. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2016</b> , 77, 477-84	3.5	8
43	Self-Assembling PCL-Based Nanoparticles as PTX Solubility Enhancer Excipients. <i>Macromolecular Bioscience</i> , <b>2018</b> , 18, e1800164	5.5	8
42	Ascites interferes with the activity of lurbinectedin and trabectedin: Potential role of their binding to alpha 1-acid glycoprotein. <i>Biochemical Pharmacology</i> , <b>2017</b> , 144, 52-62	6	8
41	Development and validation of a LC-MS/MS method for the determination of the novel oral 1,14 substituted taxane derivatives, IDN 5738 and IDN 5839, in mouse plasma and its application to the pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2017</b> , 144, 10-18	3.2	8
40	Development and validation of a high-performance liquid chromatography-tandem mass spectrometry method for the determination of the novel proteasome inhibitor CEP-18770 in human plasma and its application in a clinical pharmacokinetic study. <i>Journal of Mass Spectrometry</i> , <b>2010</b> , 45, 1299-305	2.2	8
39	Pharmacokinetics, safety, and activity of trabectedin as first-line treatment in elderly patients who are affected by advanced sarcoma and are unfit to receive standard chemotherapy: A phase 2 study (TR1US study) from the Italian Sarcoma Group. <i>Cancer</i> , <b>2020</b> , 126, 4726-4734	6.4	8
38	HPLC-MS/MS method to measure trabectedin in tumors: preliminary PK study in a mesothelioma xenograft model. <i>Bioanalysis</i> , <b>2015</b> , 7, 1831-42	2.1	7
37	Quantitative determination of niraparib and olaparib tumor distribution by mass spectrometry imaging. <i>International Journal of Biological Sciences</i> , <b>2020</b> , 16, 1363-1375	11.2	7
36	Concomitant BCORL1 and BRAF Mutations in Vemurafenib-Resistant Melanoma Cells. <i>Neoplasia</i> , <b>2018</b> , 20, 467-477	6.4	7
35	Tumor progression and metastatic dissemination in ovarian cancer after dose-dense or conventional paclitaxel and cisplatin plus bevacizumab. <i>International Journal of Cancer</i> , <b>2018</b> , 143, 2187-2199	7.5	7
34	Antitumor activity and pharmacokinetics of oral gimatecan on pediatric cancer xenografts. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2010</b> , 66, 635-41	3.5	7
33	Pharmacokinetics of intrapleural versus intravenous etoposide (VP 16) and teniposide (VM 26) in patients with malignant pleural effusion. <i>Oncology</i> , <b>1990</b> , 47, 55-61	3.6	7
32	Amino acid depletion triggered by L-asparaginase sensitizes MM cells to carfilzomib by inducing mitochondria ROS-mediated cell death. <i>Blood Advances</i> , <b>2020</b> , 4, 4312-4326	7.8	7
31	Phase Ib of sorafenib in combination with everolimus in patients with advanced solid tumors, selected on the basis of molecular targets. <i>Oncologist</i> , <b>2014</b> , 19, 344-5	5.7	6
30	Idarubicinol myelotoxicity: a comparison of in vitro data with clinical outcome in patients treated with high-dose idarubicin. <i>British Journal of Cancer</i> , <b>2000</b> , 82, 524-8	8.7	6
29	Lack of effect of cisplatin on i.v. L-PAM plasma pharmacokinetics in ovarian cancer patients. <i>Cancer Chemotherapy and Pharmacology</i> , <b>1988</b> , 22, 87-9	3.5	6
28	Therapeutic Drug Monitoring of Asparaginase: Intra-individual Variability and Predictivity in Children With Acute Lymphoblastic Leukemia Treated With PEG-Asparaginase in the AIEOP-BFM Acute Lymphoblastic Leukemia 2009 Study. <i>Therapeutic Drug Monitoring</i> , <b>2020</b> , 42, 435-444	3.2	6
27	THE SPACE DIMENSION AT THE MICRO LEVEL: MASS SPECTROMETRY IMAGING OF DRUGS IN TISSUES. <i>Mass Spectrometry Reviews</i> , <b>2021</b> , 40, 201-214	11	6



26	Determination of total and lactone form of a new camptothecin derivative gimatecan (ST1481) and its metabolite ST1698 in human plasma by high-performance liquid chromatography with fluorimetric detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2009</b> , 50, 507-14	3.5	5
25	High-performance liquid chromatographic assay for the determination of the novel C-Seco-taxane derivative (IDN 5390) in mouse plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2002</b> , 780, 93-8	3.2	5
24	High-performance liquid chromatographic assay for the determination of the novel taxane derivative IDN5109 in mouse plasma. <i>Biomedical Applications</i> , <b>1999</b> , 736, 135-41		5
23	High-performance liquid chromatographic assay for the determination of the novel etoposide derivative dimethylaminoetoposide (NK611) and its metabolites in urine of cancer patients. <i>Biomedical Applications</i> , <b>1995</b> , 664, 409-14		5
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