

Giuseppe Toffoli

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283
papers

6,653
citations

41
h-index

66
g-index

323
ext. papers

7,907
ext. citations

4.8
avg. IF

5.85
L-index

#	Paper	IF	Citations
283	Overexpression of folate binding protein in ovarian cancers. <i>International Journal of Cancer</i> , 1997 , 74, 193-8	7.5	400
282	The role of UGT1A1*28 polymorphism in the pharmacodynamics and pharmacokinetics of irinotecan in patients with metastatic colorectal cancer. <i>Journal of Clinical Oncology</i> , 2006 , 24, 3061-8	2.2	280
281	Predictive role of the UGT1A1, UGT1A7, and UGT1A9 genetic variants and their haplotypes on the outcome of metastatic colorectal cancer patients treated with fluorouracil, leucovorin, and irinotecan. <i>Journal of Clinical Oncology</i> , 2009 , 27, 2457-65	2.2	183
280	Implementing Pharmacogenomics in Europe: Design and Implementation Strategy of the Ubiquitous Pharmacogenomics Consortium. <i>Clinical Pharmacology and Therapeutics</i> , 2017 , 101, 341-358	6.1	157
279	Exosomes increase the therapeutic index of doxorubicin in breast and ovarian cancer mouse models. <i>Nanomedicine</i> , 2016 , 11, 2431-41	5.6	137
278	Genotype-driven phase I study of irinotecan administered in combination with fluorouracil/leucovorin in patients with metastatic colorectal cancer. <i>Journal of Clinical Oncology</i> , 2010 , 28, 866-71	2.2	128
277	Expression of folate binding protein as a prognostic factor for response to platinum-containing chemotherapy and survival in human ovarian cancer. <i>International Journal of Cancer</i> , 1998 , 79, 121-6	7.5	117
276	Effect of methylenetetrahydrofolate reductase 677C->T polymorphism on toxicity and homocysteine plasma level after chronic methotrexate treatment of ovarian cancer patients. <i>International Journal of Cancer</i> , 2003 , 103, 294-9	7.5	107
275	DNA Nanotechnology for Cancer Therapy. <i>Theranostics</i> , 2016 , 6, 710-25	12.1	96
274	Inorganic Nanoparticles for Cancer Therapy: A Transition from Lab to Clinic. <i>Current Medicinal Chemistry</i> , 2018 , 25, 4269-4303	4.3	96
273	C677T and A1298C MTHFR polymorphisms, a challenge for antifolate and fluoropyrimidine-based therapy personalisation. <i>European Journal of Cancer</i> , 2009 , 45, 1333-51	7.5	91
272	Polysaccharides for the Delivery of Antitumor Drugs. <i>Materials</i> , 2015 , 8, 2569-2615	3.5	84
271	Meta- and pooled analyses of the methylenetetrahydrofolate reductase (MTHFR) C677T polymorphism and colorectal cancer: a HuGE-GSEC review. <i>American Journal of Epidemiology</i> , 2009 , 170, 1207-21	3.8	83
270	Development and validation of a microRNA-based signature (MiROvaR) to predict early relapse or progression of epithelial ovarian cancer: a cohort study. <i>Lancet Oncology</i> , 2016 , 17, 1137-1146	21.7	82
269	Exosomal doxorubicin reduces the cardiac toxicity of doxorubicin. <i>Nanomedicine</i> , 2015 , 10, 2963-2971	5.6	80
268	Improved Doxorubicin Encapsulation and Pharmacokinetics of Ferritin-Fusion Protein Nanocarriers Bearing Proline, Serine, and Alanine Elements. <i>Biomacromolecules</i> , 2016 , 17, 514-22	6.9	67
267	MTHFR gene polymorphism and severe toxicity during adjuvant treatment of early breast cancer with cyclophosphamide, methotrexate, and fluorouracil (CMF). <i>Annals of Oncology</i> , 2000 , 11, 373-4	10.3	67

266	The Clinical Translation of Organic Nanomaterials for Cancer Therapy: A Focus on Polymeric Nanoparticles, Micelles, Liposomes and Exosomes. <i>Current Medicinal Chemistry</i> , 2018 , 25, 4224-4268	4.3	67
265	Structure-activity relationship of verapamil analogs and reversal of multidrug resistance. <i>Biochemical Pharmacology</i> , 1995 , 50, 1245-55	6	63
264	Accumulation of DNA strand breaks in cells exposed to methotrexate or N10-propargyl-5,8-dideazafoolic acid. <i>Cancer Research</i> , 1988 , 48, 2036-41	10.1	62
263	Pharmacokinetic optimisation of treatment with oral etoposide. <i>Clinical Pharmacokinetics</i> , 2004 , 43, 441-466	6.6	59
262	A prospective validation pharmacogenomic study in the adjuvant setting of colorectal cancer patients treated with the 5-fluorouracil/leucovorin/oxaliplatin (FOLFOX4) regimen. <i>Pharmacogenomics Journal</i> , 2013 , 13, 403-9	3.5	57
261	Carbon Dots from Sugars and Ascorbic Acid: Role of the Precursors on Morphology, Properties, Toxicity, and Drug Uptake. <i>ACS Medicinal Chemistry Letters</i> , 2018 , 9, 832-837	4.3	56
260	Fluorescent carbon nanoparticles in medicine for cancer therapy. <i>ACS Medicinal Chemistry Letters</i> , 2013 , 4, 1012-3	4.3	56
259	Pharmacogenomics of intrinsic and acquired pharmacoresistance in colorectal cancer: Toward targeted personalized therapy. <i>Drug Resistance Updates</i> , 2015 , 20, 39-70	23.2	56
258	Pharmaco-metabolomics: an emerging "omics" tool for the personalization of anticancer treatments and identification of new valuable therapeutic targets. <i>Journal of Cellular Physiology</i> , 2012 , 227, 2827-31	7	56
257	Effect of TP53 Arg72Pro and MDM2 SNP309 polymorphisms on the risk of high-grade osteosarcoma development and survival. <i>Clinical Cancer Research</i> , 2009 , 15, 3550-6	12.9	56
256	Pharmacogenetic relevance of MTHFR polymorphisms. <i>Pharmacogenomics</i> , 2008 , 9, 1195-206	2.6	55
255	Tumor response is predicted by patient genetic profile in rectal cancer patients treated with neo-adjuvant chemo-radiotherapy. <i>Pharmacogenomics Journal</i> , 2011 , 11, 214-26	3.5	54
254	Nano albumin bound-paclitaxel in pancreatic cancer: Current evidences and future directions. <i>World Journal of Gastroenterology</i> , 2017 , 23, 5875-5886	5.6	54
253	Role of folate receptor and reduced folate carrier in the transport of 5-methyltetrahydrofolic acid in human ovarian carcinoma cells. <i>International Journal of Cancer</i> , 1998 , 75, 125-33	7.5	53
252	Nucleotide excision repair gene variants and association with survival in osteosarcoma patients treated with neoadjuvant chemotherapy. <i>Pharmacogenomics Journal</i> , 2012 , 12, 476-83	3.5	52
251	Clinical validity of a DPYD-based pharmacogenetic test to predict severe toxicity to fluoropyrimidines. <i>International Journal of Cancer</i> , 2015 , 137, 2971-80	7.5	48
250	Methylenetetrahydrofolate reductase 677 C-->T polymorphism and risk of proximal colon cancer in north Italy. <i>Clinical Cancer Research</i> , 2003 , 9, 743-8	12.9	48
249	Pleiotropic-resistant phenotype is a multifactorial phenomenon in human colon carcinoma cell lines. <i>British Journal of Cancer</i> , 1991 , 63, 51-6	8.7	46

248	Refining the UGT1A haplotype associated with irinotecan-induced hematological toxicity in metastatic colorectal cancer patients treated with 5-fluorouracil/irinotecan-based regimens. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2013 , 345, 95-101	4.7	43
247	Expression of MDR1 and GST-pi in human soft tissue sarcomas: relation to drug resistance and biological aggressiveness. <i>Annals of Oncology</i> , 1992 , 3, 63-9	10.3	43
246	Diagnostic value of plasma and urinary 2-hydroxyglutarate to identify patients with isocitrate dehydrogenase-mutated glioma. <i>Oncologist</i> , 2015 , 20, 562-7	5.7	42
245	Lopinavir-ritonavir dramatically affects the pharmacokinetics of irinotecan in HIV patients with Kaposi's sarcoma. <i>Clinical Pharmacology and Therapeutics</i> , 2008 , 83, 601-6	6.1	42
244	Topoisomerase I inhibitors combination chemotherapy in non-small cell lung cancer. <i>Lung Cancer</i> , 2001 , 34 Suppl 4, S37-46	5.9	42
243	Bottom-up synthesis of carbon nanoparticles with higher doxorubicin efficacy. <i>Journal of Controlled Release</i> , 2017 , 248, 144-152	11.7	41
242	Pharmacogenetics of the systemic treatment in advanced hepatocellular carcinoma. <i>World Journal of Gastroenterology</i> , 2019 , 25, 3870-3896	5.6	40
241	Nanocarriers in cancer clinical practice: a pharmacokinetic issue. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017 , 13, 583-599	6	39
240	Population pharmacokinetics and pharmacodynamics of oral etoposide. <i>British Journal of Clinical Pharmacology</i> , 2001 , 52, 511-9	3.8	39
239	Pharmacogenetics of ABC and SLC transporters in metastatic colorectal cancer patients receiving first-line FOLFIRI treatment. <i>Pharmacogenetics and Genomics</i> , 2013 , 23, 549-57	1.9	38
238	Pharmacokinetics of oral etoposide in patients with hepatocellular carcinoma. <i>Cancer Chemotherapy and Pharmacology</i> , 1999 , 43, 287-94	3.5	38
237	Surface-enhanced Raman spectroscopy of the anti-cancer drug irinotecan in presence of human serum albumin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 127, 41-6	6	37
236	Identification and characterization of a new reversible MAGL inhibitor. <i>Bioorganic and Medicinal Chemistry</i> , 2014 , 22, 3285-91	3.4	36
235	PPAR signaling pathway and cancer-related proteins are involved in celiac disease-associated tissue damage. <i>Molecular Medicine</i> , 2010 , 16, 199-209	6.2	36
234	Metabolomics biomarkers of frailty in elderly breast cancer patients. <i>Journal of Cellular Physiology</i> , 2014 , 229, 898-902	7	35
233	Expression of glutathione-S-transferase-pi in human tumours. <i>European Journal of Cancer</i> , 1992 , 28A, 1441-6	7.5	35
232	Effect of hyperthermia on intracellular drug accumulation and chemosensitivity in drug-sensitive and drug-resistant P388 leukaemia cell lines. <i>International Journal of Hyperthermia</i> , 1989 , 5, 163-72	3.7	33
231	New insights into the pharmacological, immunological, and CAR-T-cell approaches in the treatment of hepatocellular carcinoma. <i>Drug Resistance Updates</i> , 2020 , 51, 100702	23.2	32

230	Radiation treatment of glottic squamous cell carcinoma, stage I and II: analysis of factors affecting prognosis. <i>International Journal of Radiation Oncology Biology Physics</i> , 1998 , 40, 541-8	4	32
229	Carboxylesterase isoform 2 mRNA expression in peripheral blood mononuclear cells is a predictive marker of the irinotecan to SN38 activation step in colorectal cancer patients. <i>Clinical Cancer Research</i> , 2005 , 11, 6901-7	12.9	32
228	Development and validation of a high-performance liquid chromatography-tandem mass spectrometry method for the simultaneous determination of irinotecan and its main metabolites in human plasma and its application in a clinical pharmacokinetic study. <i>PLoS ONE</i> , 2015 , 10, e0118194	3.7	32
227	Detection of low-quantity anticancer drugs by surface-enhanced Raman scattering. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 2123-31	4.4	31
226	The effect of the UGT1A1*28 allele on survival after irinotecan-based chemotherapy: a collaborative meta-analysis. <i>Pharmacogenomics Journal</i> , 2014 , 14, 424-31	3.5	30
225	Rapid and sensitive analysis of vincristine in human plasma using on-line extraction combined with liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2008 , 22, 519-25	2.2	30
224	Comparison of mechanisms responsible for resistance to idarubicin and daunorubicin in multidrug resistant LoVo cell lines. <i>Biochemical Pharmacology</i> , 1994 , 48, 1871-81	6	29
223	Genetic diversity of the KIR/HLA system and outcome of patients with metastatic colorectal cancer treated with chemotherapy. <i>PLoS ONE</i> , 2014 , 9, e84940	3.7	28
222	Effect of highly active antiretroviral therapy (HAART) on pharmacokinetics and pharmacodynamics of doxorubicin in patients with HIV-associated non-Hodgkin's lymphoma. <i>Annals of Oncology</i> , 2004 , 15, 1805-9	10.3	28
221	Pharmacokinetic and pharmacodynamic effects of high-dose continuous intravenous verapamil infusion: clinical experience in the intensive care unit. <i>Critical Care Medicine</i> , 1999 , 27, 332-9	1.4	28
220	New Insight into Therapies Targeting Angiogenesis in Hepatocellular Carcinoma. <i>Cancers</i> , 2019 , 11,	6.6	27
219	Genotype-Guided Dosing Study of FOLFIRI plus Bevacizumab in Patients with Metastatic Colorectal Cancer. <i>Clinical Cancer Research</i> , 2017 , 23, 918-924	12.9	27
218	Mechanism of multidrug resistance in human tumour cell lines and complete reversion of cellular resistance. <i>European Journal of Cancer</i> , 1992 , 28A, 1099-105	7.5	27
217	Pharmacogenetics of irinotecan. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2003 , 3, 225-37		27
216	Label-Free Quantification of Anticancer Drug Imatinib in Human Plasma with Surface Enhanced Raman Spectroscopy. <i>Analytical Chemistry</i> , 2018 , 90, 12670-12677	7.8	27
215	Enhanced Chemotherapeutic Behavior of Open-Caged DNA@Doxorubicin Nanostructures for Cancer Cells. <i>Journal of Cellular Physiology</i> , 2016 , 231, 106-10	7	26
214	High-throughput plasma docetaxel quantification by liquid chromatography-tandem mass spectrometry. <i>Clinica Chimica Acta</i> , 2011 , 412, 358-64	6.2	26
213	Determination of unbound etoposide concentration in ultrafiltered plasma by high-performance liquid chromatography with fluorimetric detection. <i>Biomedical Applications</i> , 1996 , 686, 35-41		26

212	Candidate germline polymorphisms of genes belonging to the pathways of four drugs used in osteosarcoma standard chemotherapy associated with risk, survival and toxicity in non-metastatic high-grade osteosarcoma. <i>Oncotarget</i> , 2016 , 7, 61970-61987	3.3	26
211	ABCC5 and ABCG1 polymorphisms predict irinotecan-induced severe toxicity in metastatic colorectal cancer patients. <i>Pharmacogenetics and Genomics</i> , 2015 , 25, 573-83	1.9	25
210	MTHFR polymorphisms in gastric cancer and in first-degree relatives of patients with gastric cancer. <i>Tumor Biology</i> , 2010 , 31, 23-32	2.9	25
209	New oral drugs in older patients: a review of idarubicin in elderly patients. <i>Critical Reviews in Oncology/Hematology</i> , 2004 , 49, 153-63	7	25
208	Glucose Metabolism and Oxidative Stress in Hepatocellular Carcinoma: Role and Possible Implications in Novel Therapeutic Strategies. <i>Cancers</i> , 2020 , 12,	6.6	24
207	UGT1A1*28 and other UGT1A polymorphisms as determinants of irinotecan toxicity. <i>Journal of Chemotherapy</i> , 2008 , 20, 158-65	2.3	24
206	Safe core-satellite magneto-plasmonic nanostructures for efficient targeting and photothermal treatment of tumor cells. <i>Nanoscale</i> , 2018 , 10, 976-984	7.7	24
205	Cost Evaluation of Irinotecan-Related Toxicities Associated With the UGT1A1*28 Patient Genotype. <i>Clinical Pharmacology and Therapeutics</i> , 2017 , 102, 123-130	6.1	23
204	Proof-of-Concept Multistage Biomimetic Liposomal DNA Origami Nanosystem for the Remote Loading of Doxorubicin. <i>ACS Medicinal Chemistry Letters</i> , 2019 , 10, 517-521	4.3	23
203	Androgen receptor serine 81 mediates Pin1 interaction and activity. <i>Cell Cycle</i> , 2012 , 11, 3415-20	4.7	23
202	Recent prognostic factors in diffuse large B-cell lymphoma indicate NF-kappaB pathway as a target for new therapeutic strategies. <i>Leukemia and Lymphoma</i> , 2008 , 49, 2048-58	1.9	23
201	Ubiquitous Pharmacogenomics (U-PGx): The Time for Implementation is Now. An Horizon2020 Program to Drive Pharmacogenomics into Clinical Practice. <i>Current Pharmaceutical Biotechnology</i> , 2017 , 18, 204-209	2.6	22
200	Enzyme-Based Electrochemical Biosensor for Therapeutic Drug Monitoring of Anticancer Drug Irinotecan. <i>Analytical Chemistry</i> , 2018 , 90, 6012-6019	7.8	22
199	HLA DR-DQ combination associated with the increased risk of developing human HCV positive non-Hodgkin lymphoma is related to the type II mixed cryoglobulinemia. <i>Tissue Antigens</i> , 2010 , 75, 127-35		22
198	Galectin-10, eosinophils, and celiac disease. <i>Annals of the New York Academy of Sciences</i> , 2009 , 1173, 357-64	6.5	22
197	Genetic profiling and ovarian cancer therapy (review). <i>Molecular Medicine Reports</i> , 2011 , 4, 771-7	2.9	22
196	Homocysteine accumulation in human ovarian carcinoma ascitic/cystic fluids possibly caused by metabolic alteration of the methionine cycle in ovarian carcinoma cells. <i>European Journal of Cancer</i> , 1997 , 33, 1284-90	7.5	22
195	Thymidylate synthetase mRNA levels are increased in liver metastases of colorectal cancer patients resistant to fluoropyrimidine-based chemotherapy. <i>BMC Cancer</i> , 2004 , 4, 11	4.8	22

194	HLA-G 30TR Polymorphisms Impact the Prognosis of Stage II-III CRC Patients in Fluoropyrimidine-Based Treatment. <i>PLoS ONE</i> , 2015 , 10, e0144000	3.7	22
193	A surface enhanced Raman scattering based colloid nanosensor for developing therapeutic drug monitoring. <i>Journal of Colloid and Interface Science</i> , 2019 , 533, 621-626	9.3	22
192	SNCA 30TR genetic variants in patients with Parkinson disease and REM sleep behavior disorder. <i>Neurological Sciences</i> , 2017 , 38, 1233-1240	3.5	21
191	A liquid chromatography-tandem mass spectrometry method for the simultaneous determination of exemestane and its metabolite 17-dihydroexemestane in human plasma. <i>Journal of Mass Spectrometry</i> , 2009 , 44, 920-8	2.2	21
190	Dose-finding and pharmacologic study of chronic oral idarubicin therapy in metastatic breast cancer patients. <i>Clinical Cancer Research</i> , 2000 , 6, 2279-87	12.9	21
189	Hypoxic Modulation of HLA-G Expression through the Metabolic Sensor HIF-1 in Human Cancer Cells. <i>Journal of Immunology Research</i> , 2017 , 2017, 4587520	4.5	20
188	Circulating-Free DNA Analysis in Hepatocellular Carcinoma: A Promising Strategy to Improve Patients Management and Therapy Outcomes. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	20
187	miRNA pharmacogenomics: the new frontier for personalized medicine in cancer?. <i>Pharmacogenomics</i> , 2012 , 13, 1635-50	2.6	20
186	Role of genetic polymorphisms and mutations in colorectal cancer therapy (Review). <i>Molecular Medicine Reports</i> , 2011 , 4, 203-8	2.9	20
185	Biosensing Technologies for Therapeutic Drug Monitoring. <i>Current Medicinal Chemistry</i> , 2018 , 25, 4354-4377	4.3	20
184	New Challenges in Tumor Mutation Heterogeneity in Advanced Ovarian Cancer by a Targeted Next-Generation Sequencing (NGS) Approach. <i>Cells</i> , 2019 , 8,	7.9	19
183	Pharmacogenomics of Targeted Agents for Personalization of Colorectal Cancer Treatment. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	19
182	Highly selective salicylketoxime-based estrogen receptor agonists display antiproliferative activities in a glioma model. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 1184-94	8.3	19
181	Innovative schedule of oral idarubicin in elderly patients with metastatic breast cancer: comprehensive results of a phase II multi-institutional study with pharmacokinetic drug monitoring. <i>Annals of Oncology</i> , 2006 , 17, 807-12	10.3	19
180	Lack of association of CYP1 B1*3 polymorphism and ovarian cancer in a Caucasian population. <i>International Journal of Biological Markers</i> , 2004 , 19, 160-3	2.8	19
179	The prolyl isomerase Pin1 acts synergistically with CDK2 to regulate the basal activity of estrogen receptor in breast cancer. <i>PLoS ONE</i> , 2013 , 8, e55355	3.7	19
178	UGT1A1*28 polymorphism in ovarian cancer patients. <i>Oncology Reports</i> , 2004 , 12, 457-62	3.5	19
177	Strategies to optimize siRNA delivery to hepatocellular carcinoma cells. <i>Expert Opinion on Drug Delivery</i> , 2017 , 14, 797-810	8	18

176	Biocompatible tailored zirconia mesoporous nanoparticles with high surface area for theranostic applications. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 7300-7306	7.3	18
175	Liquid chromatography tandem mass spectrometry assay for fast and sensitive quantification of estrone-sulfate. <i>Clinica Chimica Acta</i> , 2010 , 411, 574-80	6.2	18
174	Brief report: prognostic importance of cellular DNA content in T1-2 N0 laryngeal squamous cell carcinomas treated with radiotherapy. <i>Laryngoscope</i> , 1995 , 105, 649-52	3.6	18
173	Genetic biomarkers for hepatocellular cancer risk in a caucasian population. <i>World Journal of Gastroenterology</i> , 2017 , 23, 6674-6684	5.6	18
172	An Effective Multi-Stage Liposomal DNA Origami Nanosystem for In Vivo Cancer Therapy. <i>Cancers</i> , 2019 , 11,	6.6	18
171	Estimating the Effectiveness of DPYD Genotyping in Italian Individuals Suffering from Cancer Based on the Cost of Chemotherapy-Induced Toxicity. <i>American Journal of Human Genetics</i> , 2019 , 104, 1158-1168	11.1	17
170	Novel immunotherapeutic approaches for hepatocellular carcinoma treatment. <i>Expert Review of Clinical Pharmacology</i> , 2019 , 12, 453-470	3.8	17
169	Sex Disparities in Efficacy in COVID-19 Vaccines: A Systematic Review and Meta-Analysis. <i>Vaccines</i> , 2021 , 9,	5.3	17
168	Fluorescent molecularly imprinted nanogels for the detection of anticancer drugs in human plasma. <i>Biosensors and Bioelectronics</i> , 2016 , 86, 913-919	11.8	17
167	The Genotype for DPYD Risk Variants in Patients With Colorectal Cancer and the Related Toxicity Management Costs in Clinical Practice. <i>Clinical Pharmacology and Therapeutics</i> , 2019 , 105, 994-1002	6.1	17
166	Mass spectrometry in the pharmacokinetic studies of anticancer natural products. <i>Mass Spectrometry Reviews</i> , 2017 , 36, 213-251	11	16
165	MTHFR-1298 A>C (rs1801131) is a predictor of survival in two cohorts of stage II/III colorectal cancer patients treated with adjuvant fluoropyrimidine chemotherapy with or without oxaliplatin. <i>Pharmacogenomics Journal</i> , 2015 , 15, 219-25	3.5	16
164	The Dual Role of the Liver in Nanomedicine as an Actor in the Elimination of Nanostructures or a Therapeutic Target. <i>Journal of Oncology</i> , 2020 , 2020, 4638192	4.5	16
163	Pregnane X receptor, constitutive androstane receptor and hepatocyte nuclear factors as emerging players in cancer precision medicine. <i>Pharmacogenomics</i> , 2016 , 17, 1547-71	2.6	16
162	Host genetic profiling to increase drug safety in colorectal cancer from discovery to implementation. <i>Drug Resistance Updates</i> , 2018 , 39, 18-40	23.2	16
161	Analytical aspects of sunitinib and its geometric isomerism towards therapeutic drug monitoring in clinical routine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 160, 360-367	3.5	16
160	A Pan-Cancer Approach to Predict Responsiveness to Immune Checkpoint Inhibitors by Machine Learning. <i>Cancers</i> , 2019 , 11,	6.6	16
159	A pharmacogenetic survey of androgen receptor (CAG) _n and (GGN) _n polymorphisms in patients experiencing long term side effects after finasteride discontinuation. <i>International Journal of Biological Markers</i> , 2014 , 29, e310-6	2.8	16

158	Is tailored therapy feasible in oncology?. <i>Critical Reviews in Oncology/Hematology</i> , 2006 , 57, 79-101	7	16
157	Expression of the mdr1 gene in human colorectal carcinomas: relationship with multidrug resistance inferred from analysis of human colorectal carcinoma cell lines. <i>Cancer Chemotherapy and Pharmacology</i> , 1992 , 29, 283-9	3.5	16
156	c-myc overexpression is a tumor-specific phenomenon in a subset of human colorectal carcinomas. <i>Journal of Cancer Research and Clinical Oncology</i> , 1990 , 116, 288-94	4.9	16
155	Methylenetetrahydrofolate reductase genotype in diffuse large B-cell lymphomas with and without hypermethylation of the DNA repair gene O6-methylguanine DNA methyltransferase. <i>International Journal of Biological Markers</i> , 2003 , 18, 218-21	2.8	16
154	Peptide biosensors for anticancer drugs: Design in silico to work in denaturing environment. <i>Biosensors and Bioelectronics</i> , 2018 , 100, 298-303	11.8	15
153	Dissecting Pin1 and phospho-pRb regulation. <i>Journal of Cellular Physiology</i> , 2013 , 228, 73-7	7	15
152	Potential hazard of pharmacokinetic interactions between lopinavir/ritonavir protease inhibitors and irinotecan. <i>Aids</i> , 2005 , 19, 2043-2044	3.5	15
151	Inhibition of Pgp activity and cell cycle-dependent chemosensitivity to doxorubicin in the multidrug-resistant LoVo human colon cancer cell line. <i>European Journal of Cancer</i> , 1996 , 32A, 1591-7	7.5	15
150	Prognostic Role of Serum Antibody Immunity to p53 Oncogenic Protein in Ovarian Cancer: A Systematic Review and a Meta-Analysis. <i>PLoS ONE</i> , 2015 , 10, e0140351	3.7	15
149	pRb controls estrogen receptor alpha protein stability and activity. <i>Oncotarget</i> , 2013 , 4, 875-83	3.3	15
148	UGT1A polymorphisms as genetic biomarkers for hepatocellular carcinoma risk in Caucasian population. <i>Liver International</i> , 2017 , 37, 1345-1353	7.9	14
147	Nuclear receptors and drug metabolism for the personalization of cancer therapy. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2016 , 12, 291-306	5.5	14
146	A novel CDH1 germline missense mutation in a sporadic gastric cancer patient in north-east of Italy. <i>Clinical and Experimental Medicine</i> , 2013 , 13, 149-57	4.9	14
145	Fast liquid chromatography-tandem mass spectrometry method for routine assessment of irinotecan metabolic phenotype. <i>Therapeutic Drug Monitoring</i> , 2010 , 32, 638-46	3.2	14
144	Pharmacogenetics and stomach cancer: an update. <i>Pharmacogenomics</i> , 2007 , 8, 497-505	2.6	14
143	Prevalence of methylenetetrahydrofolate reductase polymorphisms in young patients with inflammatory bowel disease. <i>Digestive Diseases and Sciences</i> , 2006 , 51, 474-9	4	14
142	Pharmacology of epidermal growth factor inhibitors. <i>International Journal of Biological Markers</i> , 2007 , 22, 24-39	2.8	14
141	CDK4/6 Inhibitors in Breast Cancer Treatment: Potential Interactions with Drug, Gene, and Pathophysiological Conditions. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	14

140	Association of the HLA-G 30TR polymorphisms with colorectal cancer in Italy: a first insight. <i>International Journal of Immunogenetics</i> , 2016 , 43, 32-9	2.3	14
139	Androgen Receptor (AR) Gene (CAG) _n and (GGN) _n Length Polymorphisms and Symptoms in Young Males With Long-Lasting Adverse Effects After Finasteride Use Against Androgenic Alopecia. <i>Sexual Medicine</i> , 2017 , 5, e61-e71	2.7	13
138	Clinical predictive circulating peptides in rectal cancer patients treated with neoadjuvant chemoradiotherapy. <i>Journal of Cellular Physiology</i> , 2015 , 230, 1822-8	7	13
137	Polymer-Mediated Delivery of siRNAs to Hepatocellular Carcinoma: Variables Affecting Specificity and Effectiveness. <i>Molecules</i> , 2018 , 23,	4.8	13
136	Potential hazard drug-drug interaction between boosted protease inhibitors and vinblastine in HIV patients with Hodgkin's lymphoma. <i>Aids</i> , 2013 , 27, 1033-1035	3.5	13
135	Pharmacogenetics of the nuclear hormone receptors: the missing link between environment and drug effects?. <i>Pharmacogenomics</i> , 2013 , 14, 2035-54	2.6	13
134	Cellular pharmacology of idarubicin in multidrug-resistant LoVo cell lines. <i>International Journal of Cancer</i> , 1996 , 67, 129-37	7.5	13
133	P53 overexpression in human soft tissue sarcomas: relation to biological aggressiveness. <i>Annals of Oncology</i> , 1994 , 5, 167-72	10.3	13
132	Sensitivity Pattern of Normal and Ha-Ras Transformed Nih3T3 Fibroblasts to Antineoplastic Drugs. <i>Tumori</i> , 1989 , 75, 423-428	1.7	13
131	In K562 leukemia cells treated with doxorubicin and hemin, a decrease in c-myc mRNA expression correlates with loss of self-renewal capability but not with erythroid differentiation. <i>Leukemia Research</i> , 1989 , 13, 279-87	2.7	13
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