

Erika Cecchin

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.

87 papers	2,168 citations	22 h-index	43 g-index
100 ext. papers	2,797 ext. citations	5.4 avg, IF	4.83 L-index

#	Paper	IF	Citations
87	Cisplatin resistance can be curtailed by blunting Bnip3-mediated mitochondrial autophagy.. <i>Cell Death and Disease</i> , 2022 , 13, 398	9.8	4
86	Sex Disparities in Efficacy in COVID-19 Vaccines: A Systematic Review and Meta-Analysis. <i>Vaccines</i> , 2021 , 9,	5.3	17
85	SMAD3 Host and Tumor Profiling to Identify Locally Advanced Rectal Cancer Patients at High Risk of Poor Response to Neoadjuvant Chemoradiotherapy.. <i>Frontiers in Pharmacology</i> , 2021 , 12, 778781	5.6	1
84	Genetic Variants of the Gene, Telomere Length, and Circulating as Prognostic Markers in Rectal Cancer Patients. <i>Cancers</i> , 2020 , 12,	6.6	2
83	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
82	Immunogenetic markers in IL17F predict the risk of metastases spread and overall survival in rectal cancer patients treated with neoadjuvant chemoradiotherapy. <i>Radiotherapy and Oncology</i> , 2020 , 149, 30-37	5.3	4
81	Optimal Sampling Strategies for Irinotecan (CPT-11) and its Active Metabolite (SN-38) in Cancer Patients. <i>AAPS Journal</i> , 2020 , 22, 59	3.7	0
80	Clonal Selection of a Novel Deleterious TP53 Somatic Mutation Discovered in ctDNA of a KIT/PDGFRA Wild-Type Gastrointestinal Stromal Tumor Resistant to Imatinib. <i>Frontiers in Pharmacology</i> , 2020 , 11, 36	5.6	5
79	Germline and Somatic Pharmacogenomics to Refine Rectal Cancer Patients Selection for Neo-Adjuvant Chemoradiotherapy. <i>Frontiers in Pharmacology</i> , 2020 , 11, 897	5.6	3
78	Genetic Markers of the Host to Predict the Efficacy of Colorectal Cancer Targeted Therapy. <i>Current Medicinal Chemistry</i> , 2020 , 27, 4249-4273	4.3	10
77	A TGF- β -associated genetic score to define prognosis and platinum sensitivity in advanced epithelial ovarian cancer. <i>Gynecologic Oncology</i> , 2020 , 156, 233-242	4.9	2
76	Pharmacogenetic score predicts overall survival, progression-free survival and platinum sensitivity in ovarian cancer. <i>Pharmacogenomics</i> , 2020 , 21, 995-1010	2.6	
75	miR-331-3p is involved in glucocorticoid resistance reversion by rapamycin through suppression of the MAPK signaling pathway. <i>Cancer Chemotherapy and Pharmacology</i> , 2020 , 86, 361-374	3.5	6
74	Generating evidence for precision medicine: considerations made by the Ubiquitous Pharmacogenomics Consortium when designing and operationalizing the PREPARE study. <i>Pharmacogenetics and Genomics</i> , 2020 , 30, 131-144	1.9	10
73	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
72	Focal Recurrent Copy Number Alterations Characterize Disease Relapse in High Grade Serous Ovarian Cancer Patients with Good Clinical Prognosis: A Pilot Study. <i>Genes</i> , 2019 , 10,	4.2	4
71	Germline variability and tumor expression level of ribosomal protein gene RPL28 are associated with survival of metastatic colorectal cancer patients. <i>Scientific Reports</i> , 2019 , 9, 13008	4.9	7

70	Clonal Evolution of c.375+1G>A Mutation in Pre- and Post- Neo-Adjuvant Chemotherapy (NACT) Tumor Samples in High-Grade Serous Ovarian Cancer (HGSOC). <i>Cells</i> , 2019 , 8,	7.9	3
69	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
68	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	17
67	Azathioprine Biotransformation in Young Patients with Inflammatory Bowel Disease: Contribution of Glutathione-S Transferase M1 and A1 Variants. <i>Genes</i> , 2019 , 10,	4.2	4
66	FARMAPRICE: A Pharmacogenetic Clinical Decision Support System for Precise and Cost-Effective Therapy. <i>Genes</i> , 2019 , 10,	4.2	5
65	rs4143815-, a New Potential Immunogenetic Biomarker of Biochemical Recurrence in Locally Advanced Prostate Cancer after Radiotherapy. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	3
64	Educating the Next Generation of Pharmacogenomics Experts: Global Educational Needs and Concepts. <i>Clinical Pharmacology and Therapeutics</i> , 2019 , 106, 313-316	6.1	6
63	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
62	Combination of germline variations associated with survival of folinic acid, fluorouracil and irinotecan-treated metastatic colorectal cancer patients. <i>Pharmacogenomics</i> , 2019 , 20, 1179-1187	2.6	2
61	The use of pharmacogenetics to increase the safety of colorectal cancer patients treated with fluoropyrimidines. 2019 , 2, 116-130		1
60	Pharmacogenetics of the systemic treatment in advanced hepatocellular carcinoma. <i>World Journal of Gastroenterology</i> , 2019 , 25, 3870-3896	5.6	40
59	Germline Polymorphisms in the Nuclear Receptors PXR and VDR as Novel Prognostic Markers in Metastatic Colorectal Cancer Patients Treated With FOLFIRI. <i>Frontiers in Oncology</i> , 2019 , 9, 1312	5.3	6
58	A New Genetic Risk Score to Predict the Outcome of Locally Advanced or Metastatic Breast Cancer Patients Treated With First-Line Exemestane: Results From a Prospective Study. <i>Clinical Breast Cancer</i> , 2019 , 19, 137-145.e4	3	4
57	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
56	Association of -3 rs1053004 and rs11574077 With FOLFIRI-Related Gastrointestinal Toxicity in Metastatic Colorectal Cancer Patients. <i>Frontiers in Pharmacology</i> , 2018 , 9, 367	5.6	11
55	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
54	Identification of Novel Somatic Mutations in Patients with High-Grade Serous Ovarian Cancer (HGSOC) Using Next-Generation Sequencing (NGS). <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	6
53	Standard fluoropyrimidine dosages in chemoradiation therapy result in an increased risk of severe toxicity in DPYD variant allele carriers. <i>European Journal of Cancer</i> , 2018 , 104, 210-218	7.5	5

52	A Clinical-Genetic Score to Identify Surgically Resected Colorectal Cancer Patients Benefiting From an Adjuvant Fluoropyrimidine-Based Therapy. <i>Frontiers in Pharmacology</i> , 2018 , 9, 1101	5.6	4
51	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
50	SNCA 3R/3T genetic variants in patients with Parkinson's disease and REM sleep behavior disorder. <i>Neurological Sciences</i> , 2017 , 38, 1233-1240	3.5	21
49	UGT1A polymorphisms as genetic biomarkers for hepatocellular carcinoma risk in Caucasian population. <i>Liver International</i> , 2017 , 37, 1345-1353	7.9	14
48	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
47	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
46	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
45	HLA-G 3R/3T Polymorphisms Predict Drug-Induced G3-4 Toxicity Related to Folinic Acid/5-Fluorouracil/Oxaliplatin (FOLFOX4) Chemotherapy in Non-Metastatic Colorectal Cancer. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	9
44	Improved Progression-Free Survival in Irinotecan-Treated Metastatic Colorectal Cancer Patients Carrying the HNF1A Coding Variant p.I27L. <i>Frontiers in Pharmacology</i> , 2017 , 8, 712	5.6	8
43	Pharmacogenomics of Targeted Agents for Personalization of Colorectal Cancer Treatment. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	19
42	Impact of DNA repair gene polymorphisms on the risk of biochemical recurrence after radiotherapy and overall survival in prostate cancer. <i>Oncotarget</i> , 2017 , 8, 22863-22875	3.3	6
41	Genetic biomarkers for hepatocellular cancer risk in a caucasian population. <i>World Journal of Gastroenterology</i> , 2017 , 23, 6674-6684	5.6	18
40	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
39	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
38	Predictive role of microRNA-related genetic polymorphisms in the pathological complete response to neoadjuvant chemoradiotherapy in locally advanced rectal cancer patients. <i>Oncotarget</i> , 2016 , 7, 19781-93	3.3	11
37	Pharmacogenetics Biomarkers and Their Specific Role in Neoadjuvant Chemoradiotherapy Treatments: An Exploratory Study on Rectal Cancer Patients. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	10
36	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
35	BNC2 is a putative tumor suppressor gene in high-grade serous ovarian carcinoma and impacts cell survival after oxidative stress. <i>Cell Death and Disease</i> , 2016 , 7, e2374	9.8	7

34	Association of the HLA-G 3'UTR polymorphisms with colorectal cancer in Italy: a first insight. <i>International Journal of Immunogenetics</i> , 2016 , 43, 32-9	2.3	14
33	A novel UGT1 marker associated with better tolerance against irinotecan-induced severe neutropenia in metastatic colorectal cancer patients. <i>Pharmacogenomics Journal</i> , 2015 , 15, 513-20	3.5	11
32	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
31	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
30	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
29	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
28	HLA-G 3'UTR Polymorphisms Impact the Prognosis of Stage II-III CRC Patients in Fluoropyrimidine-Based Treatment. <i>PLoS ONE</i> , 2015 , 10, e0144000	3.7	22
27	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
26	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
25	Predictive response biomarkers in rectal cancer neoadjuvant treatment. <i>Frontiers in Bioscience - Scholar</i> , 2014 , 6, 110-9	2.4	21
24	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
23	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
22	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
21	Pharmacogenetics of the nuclear hormone receptors: the missing link between environment and drug effects?. <i>Pharmacogenomics</i> , 2013 , 14, 2035-54	2.6	13
20	miRNA pharmacogenomics: the new frontier for personalized medicine in cancer?. <i>Pharmacogenomics</i> , 2012 , 13, 1635-50	2.6	20
19	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
18	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
17	Decision criteria for rational selection of homogeneous genotyping platforms for pharmacogenomics testing in clinical diagnostics. <i>Clinical Chemistry and Laboratory Medicine</i> , 2010 , 48, 447-59	5.9	12

16	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
15	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
14	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
13	Pharmacogenetics in Cancer Management: Scenario for Tailored Therapy 2008 , 389-403		
12	Clinical implications of genetic polymorphisms on stomach cancer drug therapy. <i>Pharmacogenomics Journal</i> , 2007 , 7, 76-80	3.5	4
11	Pharmacogenetics and stomach cancer: an update. <i>Pharmacogenomics</i> , 2007 , 8, 497-505	2.6	14
10	Reply to the Letter to the Editor from Chowbay et al. <i>Clinical Cancer Research</i> , 2006 , 12, 1942.2-1942	12.9	
9	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
8	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
7	Pharmacogenomics and stomach cancer. <i>Pharmacogenomics</i> , 2004 , 5, 627-41	2.6	6
6	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
5	UGT1A1*28 polymorphism in ovarian cancer patients. <i>Oncology Reports</i> , 2004 , 12, 457-62	3.5	19
4	Pharmacogenetics of irinotecan. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2003 , 3, 225-37		27
3	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
2	Pharmacogenetics of stomach cancer. <i>I Supplimenti Di Tumori</i> , 2003 , 2, S19-22		1
1	UGT1A1*28 polymorphism in ovarian cancer patients. <i>Oncology Reports</i> ,	3.5	5