Howard L Mcleod

List of Publications by Year
in descending order

498 papers	30,885 citations	4960 84 h-index	6300 158 g-index
517 all docs	517 docs citations	517 times ranked	30857 citing authors

#	Article	IF	Citations
1	Pharmacogenomics â€" Drug Disposition, Drug Targets, and Side Effects. New England Journal of Medicine, 2003, 348, 538-549.	27.0	1,609
2	Effect ofVKORC1Haplotypes on Transcriptional Regulation and Warfarin Dose. New England Journal of Medicine, 2005, 352, 2285-2293.	27.0	1,348
3	Doxorubicin pathways. Pharmacogenetics and Genomics, 2011, 21, 440-446.	1.5	1,167
4	Use of Pharmacogenetic and Clinical Factors to Predict the Therapeutic Dose of Warfarin. Clinical Pharmacology and Therapeutics, 2008, 84, 326-331.	4.7	743
5	Genomics and Drug Response. New England Journal of Medicine, 2011, 364, 1144-1153.	27.0	552
6	Platinum neurotoxicity pharmacogenetics. Molecular Cancer Therapeutics, 2009, 8, 10-16.	4.1	500
7	UGT1A1*28 Genotype and Irinotecan-Induced Neutropenia: Dose Matters. Journal of the National Cancer Institute, 2007, 99, 1290-1295.	6.3	436
8	Genetic polymorphism of thiopurine methyltransferase and its clinical relevance for childhood acute lymphoblastic leukemia. Leukemia, 2000, 14, 567-572.	7.2	422
9	Carbamazepine, HLA-B*1502 and risk of Stevensâ€"Johnson syndrome and toxic epidermal necrolysis: US FDA recommendations. Pharmacogenomics, 2008, 9, 1543-1546.	1.3	421
10	Mechanism-Based Inhibition of Cytochrome P450 3A4 by Therapeutic Drugs. Clinical Pharmacokinetics, 2005, 44, 279-304.	3.5	419
11	Gene Expression Profiles and Molecular Markers To Predict Recurrence of Dukes' B Colon Cancer. Journal of Clinical Oncology, 2004, 22, 1564-1571.	1.6	411
12	Clinical Pharmacogenetics Implementation Consortium (CPIC) Guideline for Dihydropyrimidine Dehydrogenase Genotype and Fluoropyrimidine Dosing: 2017 Update. Clinical Pharmacology and Therapeutics, 2018, 103, 210-216.	4.7	407
13	PI3K/Akt/mTOR pathway as a target for cancer therapy. Anti-Cancer Drugs, 2005, 16, 797-803.	1.4	396
14	A genome-based model for adjusting radiotherapy dose (GARD): a retrospective, cohort-based study. Lancet Oncology, The, 2017, 18, 202-211.	10.7	377
15	MDR1 pharmacogenetics: frequency of the C3435T mutation in exon 26 is significantly influenced by ethnicity. Pharmacogenetics and Genomics, 2001, 11, 217-221.	5.7	373
16	The frequency and distribution of thiopurine methyltransferase alleles in Caucasian and Asian populations. Pharmacogenetics and Genomics, 1999, 9, 37-42.	5.7	354
17	Thiopurine Methyltransferase Genotype Predicts Therapy-Limiting Severe Toxicity from Azathioprine. Annals of Internal Medicine, 1998, 129, 716.	3.9	334
18	Molecular basis of the human dihydropyrimidine dehydrogenase deficiency and 5-fluorouracil toxicity.. Journal of Clinical Investigation, 1996, 98, 610-615.	8.2	312

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19	Use of pharmacogenetics and clinical factors to predict the maintenance dose of warfarin. Thrombosis and Haemostasis, 2004, 91, 87-94.	3.4	308
20	PHARMACOGENOMICS: Unlocking the Human Genome for Better Drug Therapy. Annual Review of Pharmacology and Toxicology, 2001, 41, 101-121.	9.4	302
21	CYP2D6 and tamoxifen: DNA matters in breast cancer. Nature Reviews Cancer, 2009, 9, 576-586.	28.4	287
22	The thiopurine S-methyltransferase gene locus â€“ implications for clinical pharmacogenomics. Pharmacogenomics, 2002, 3, 89-98.	1.3	275
23	Pharmacogenomics. Lancet, The, 2019, 394, 521-532.	13.7	261
24	Clonal haemopoiesis and therapy-related myeloid malignancies in elderly patients: a proof-of-concept, case-control study. Lancet Oncology, The, 2017, 18, 112-121.	10.7	249
25	Clinical Pharmacogenetics Implementation Consortium (CPIC) Guideline for CYP2D6 and Tamoxifen Therapy. Clinical Pharmacology and Therapeutics, 2018, 103, 770-777.	4.7	244
26	Thiopurine methyltransferase activity in American white subjects and black subjects. Clinical Pharmacology and Therapeutics, 1994, 55, 15-20.	4.7	242
27	CpG Island Methylation of DNA Damage Response Genes in Advanced Ovarian Cancer. Cancer Research, 2005, 65, 8961-8967.	0.9	241
28	Pharmacogenomics: Challenges and Opportunities. Annals of Internal Medicine, 2006, 145, 749.	3.9	228
29	Diflomotecan pharmacokinetics in relation to ABCG2 421C>A genotype*1. Clinical Pharmacology and Therapeutics, 2004, 76, 38-44.	4.7	222
30	Genetic Markers of Toxicity From Capecitabine and Other Fluorouracil-Based Regimens: Investigation in the QUASAR2 Study, Systematic Review, and Meta-Analysis. Journal of Clinical Oncology, 2014, 32, 1031-1039.	1.6	216
31	Biomarkers for Response to Neoadjuvant Chemoradiation for Rectal Cancer. International Journal of Radiation Oncology Biology Physics, 2009, 74, 673-688.	0.8	215
32	Pharmacogenetic Assessment of Toxicity and Outcome After Platinum Plus Taxane Chemotherapy in Ovarian Cancer: The Scottish Randomised Trial in Ovarian Cancer. Journal of Clinical Oncology, 2007, 25, 4528-4535.	1.6	213
33	ABCG2 Pharmacogenetics. Clinical Cancer Research, 2004, 10, 5889-5894.	7.0	211
34	Human carboxylesterase 2 is commonly expressed in tumor tissue and is correlated with activation of irinotecan. Clinical Cancer Research, 2002, 8, 2605-11.	7.0	210
35	Disulfiramâ€mediated inhibition of NFâ€ÎºB activity enhances cytotoxicity of 5â€fluorouracil in human colorectal cancer cell lines. International Journal of Cancer, 2003, 104, 504-511.	5.1	206
36	Cytochrome P450 2C9-CYP2C9. Pharmacogenetics and Genomics, 2010, 20, 277-281.	1.5	205

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37	Validation of Analytic Methods for Biomarkers Used in Drug Development. Clinical Cancer Research, 2008, 14, 5967-5976.	7.0	202
38	Comprehensive evaluation of variability in nicotine metabolism and CYP2A6 polymorphic alleles in four ethnic populations. Clinical Pharmacology and Therapeutics, 2006, 80, 282-297.	4.7	201
39	Pharmacogenetic Predictors of Adverse Events and Response to Chemotherapy in Metastatic Colorectal Cancer: Results From North American Gastrointestinal Intergroup Trial N9741. Journal of Clinical Oncology, 2010, 28, 3227-3233.	1.6	198
40	Genomic Medicine: A Decade of Successes, Challenges, and Opportunities. Science Translational Medicine, 2013, 5, 189sr4.	12.4	197
41	A High-Resolution Map of Segmental DNA Copy Number Variation in the Mouse Genome. PLoS Genetics, 2007, 3, e3.	3.5	196
42	Ethnic Variation in the Thymidylate Synthase Enhancer Region Polymorphism among Caucasian and Asian Populations. Genomics, 1999, 58, 310-312.	2.9	194
43	Contrasting patterns of Y chromosome and mtDNA variation in Africa: evidence for sex-biased demographic processes. European Journal of Human Genetics, 2005, 13, 867-876.	2.8	190
44	Japanese-US Common-Arm Analysis of Paclitaxel Plus Carboplatin in Advanced Nonâ€"Small-Cell Lung Cancer: A Model for Assessing Population-Related Pharmacogenomics. Journal of Clinical Oncology, 2009, 27, 3540-3546.	1.6	189
45	Irinotecan pathway genotype analysis to predict pharmacokinetics. Clinical Cancer Research, 2003, 9, 3246-53.	7.0	189
46	Cancer pharmacogenetics: polymorphisms, pathways and beyond. Nature Reviews Cancer, 2003, 3, 912-920.	28.4	187
47	A Genome-Wide Association Study Identifies Novel Loci for Paclitaxel-Induced Sensory Peripheral Neuropathy in CALGB 40101. Clinical Cancer Research, 2012, 18, 5099-5109.	7.0	183
48	Î²₂-Adrenergic Receptor Genotype and Survival Among Patients Receiving Î²-Blocker Therapy After an Acute Coronary Syndrome. JAMA - Journal of the American Medical Association, 2005, 294, 1526.	7.4	177
49	Prospective dosing of warfarin based on cytochrome P-450 2C9 genotype. Thrombosis and Haemostasis, 2005, 93, 700-705.	3.4	176
50	Genotype-Guided Tamoxifen Dosing Increases Active Metabolite Exposure in Women With Reduced CYP2D6 Metabolism: A Multicenter Study. Journal of Clinical Oncology, 2011, 29, 3232-3239.	1.6	173
51	Association of CYP2C8, CYP3A4, CYP3A5, and ABCB1 Polymorphisms with the Pharmacokinetics of Paclitaxel. Clinical Cancer Research, 2005, 11, 8097-8104.	7.0	170
52	Ethnic differences in thiopurine methyltransferase pharmacogenetics. Pharmacogenetics and Genomics, 1999, 9, 773-776.	5.7	167
53	Knockdown of RNA Binding Protein Musashi-1 Leads to Tumor Regression In Vivo. Gastroenterology, 2008, 134, 1448-1458.e2.	1.3	163
54	Characterization of the Human Dihydropyrimidine Dehydrogenase Gene. Genomics, 1998, 51, 391-400.	2.9	158

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55	Cytochrome P450 CYP1B1 protein expression:. Biochemical Pharmacology, 2001, 62, 207-212.	4.4	153
56	Global implementation of genomic medicine: We are not alone. Science Translational Medicine, 2015, 7, 290ps13.	12.4	146
57	Genome-wide discovery of loci influencing chemotherapy cytotoxicity. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 11809-11814.	7.1	142
58	Cancer Pharmacogenomics: Early Promise, But Concerted Effort Needed. Science, 2013, 339, 1563-1566.	12.6	142
59	Genetic and clinical factors relating to warfarin dosing. Trends in Pharmacological Sciences, 2009, 30, 375-386.	8.7	126
60	Methotrexate pharmacogenetics: The first step toward individualized therapy in rheumatoid arthritis. Arthritis and Rheumatism, 2006, 54, 1366-1377.	6.7	122
61	PharmGKB summary. Pharmacogenetics and Genomics, 2011, 21, 679-686.	1.5	120
62	A novel polymorphism in the promoter region of human UGT1A9 gene (UGT1A9*22) and its effects on the transcriptional activity. Pharmacogenetics and Genomics, 2004, 14, 329-332.	5.7	118
63	The Genomic Landscape of Merkel Cell Carcinoma and Clinicogenomic Biomarkers of Response to Immune Checkpoint Inhibitor Therapy. Clinical Cancer Research, 2019, 25, 5961-5971.	7.0	118
64	Dihydropyrimidine dehydrogenase pharmacogenetics in Caucasian subjects. British Journal of Clinical Pharmacology, 1998, 46, 151-156.	2.4	113
65	Research Directions in the Clinical Implementation of Pharmacogenomics: An Overview of US Programs and Projects. Clinical Pharmacology and Therapeutics, 2018, 103, 778-786.	4.7	110
66	Methotrexate (MTX) pathway gene polymorphisms and their effects on MTX toxicity in Caucasian and African American patients with rheumatoid arthritis. Journal of Rheumatology, 2008, 35, 572-9.	2.0	110
67	Pharmacogenomic Discovery Using Cell-Based Models. Pharmacological Reviews, 2009, 61, 413-429.	16.0	109
68	Analysis of thiopurine methyltransferase variant alleles in childhood acute lymphoblastic leukaemia. British Journal of Haematology, 1999, 105, 696-700.	2.5	108
69	Genetic basis of drug metabolism. American Journal of Health-System Pharmacy, 2002, 59, 2061-2069.	1.0	107
70	Pharmacogenomic assessment of carboxylesterases 1 and 2. Genomics, 2004, 84, 661-668.	2.9	105
71	Nomenclature for alleles of the thiopurine methyltransferase gene. Pharmacogenetics and Genomics, 2013, 23, 242-248.	1.5	104
72	Allelotype frequency of the thiopurine methyltransferase (TPMT) gene in Japanese. Pharmacogenetics and Genomics, 2001, 11, 275-278.	5.7	103

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73	Bedside Back to Bench: Building Bridges between Basic and Clinical Genomic Research. Cell, 2017, 169, 6-12.	28.9	103
74	Should DPD analysis be required prior to prescribing fluoropyrimidines?. European Journal of Cancer, 2007, 43, 1011-1016.	2.8	102
75	Novel thymidylate synthase enhancer region alleles in African populations. Human Mutation, 2000, 16, 528-528.	2.5	100
76	Clopidogrel pharmacogenomics and risk of inadequate platelet inhibition: US FDA recommendations. Pharmacogenomics, 2009, 10, 1799-1817.	1.3	100
77	The kinetics and tissue distribution of protein transduction in mice. European Journal of Pharmaceutical Sciences, 2006, 27, 311-319.	4.0	99
78	When will clinical trials finally reflect diversity?. Nature, 2018, 557, 157-159.	27.8	96
79	PharmGKB summary. Pharmacogenetics and Genomics, 2011, 21, 237-242.	1.5	93
80	Strategies for integrating personalized medicine into healthcare practice. Personalized Medicine, 2017, 14, 141-152.	1.5	93
81	A Genome-Wide Association Study of Overall Survival in Pancreatic Cancer Patients Treated with Gemcitabine in CALGB 80303. Clinical Cancer Research, 2012, 18, 577-584.	7.0	91
82	ABCB1 (MDR 1) Polymorphisms and Progression-Free Survival among Women with Ovarian Cancer following Paclitaxel/Carboplatin Chemotherapy. Clinical Cancer Research, 2008, 14, 5594-5601.	7.0	90
83	Copy number variants in pharmacogenetic genes. Trends in Molecular Medicine, 2011, 17, 244-251.	6.7	90
84	Thiopurine pathway. Pharmacogenetics and Genomics, 2010, 20, 573-574.	1.5	89
85	Distribution of ITPA P32T alleles in multiple world populations. Journal of Human Genetics, 2004, 49, 579-581.	2.3	88
86	The pharmacogenetics of coumarin therapy. Pharmacogenomics, 2005, 6, 503-513.	1.3	86
87	Thymidylate Synthase Pharmacogenetics in Colorectal Cancer. Clinical Colorectal Cancer, 2001, 1, 175-178.	2.3	83
88	Polymorphism in the thymidylate synthase promoter enhancer region in colorectal cancer. International Journal of Oncology, 2001, 19, 383-6.	3.3	81
89	CYP2C8*3 predicts benefit/risk profile in breast cancer patients receiving neoadjuvant paclitaxel. Breast Cancer Research and Treatment, 2012, 134, 401-410.	2.5	81
90	Therapeutic Synergy Between Irinotecan and 5-Fluorouracil against Human Tumor Xenografts. Clinical Cancer Research, 2004, 10, 1121-1129.	7.0	77

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91	Implementation of a pharmacogenomics service in a community pharmacy. Journal of the American Pharmacists Association: JAPhA, 2014, 54, 172-180.	1.5	77
92	Analysis of key cellâ€cycle checkpoint proteins in colorectal tumours. Journal of Pathology, 2002, 196, 386-393.	4.5	75
93	A novel polymorphism of human gene has an amino acid substitution (V365M) that decreases enzymatic activity in vitro and in vivo. Clinical Pharmacology and Therapeutics, 2004, 76, 519-527.	4.7	75
94	CANDID: a flexible method for prioritizing candidate genes for complex human traits. Genetic Epidemiology, 2008, 32, 779-790.	1.3	75
95	Modeling the 5â€Fluorouracil Area Under the Curve Versus Dose Relationship to Develop a Pharmacokinetic Dosing Algorithm for Colorectal Cancer Patients Receiving FOLFOX6. Oncologist, 2012, 17, 296-302.	3.7	75
96	Higher activity of polymorphic thiopurine S-methyltransferase in erythrocytes from neonates compared to adults. Pharmacogenetics and Genomics, 1995, 5, 281-286.	5.7	74
97	Racial Differences in Advanced Colorectal Cancer Outcomes and Pharmacogenetics: A Subgroup Analysis of a Large Randomized Clinical Trial. Journal of Clinical Oncology, 2009, 27, 4109-4115.	1.6	74
98	Key Lessons Learned from Moffittâ€™s Molecular Tumor Board: The Clinical Genomics Action Committee Experience. Oncologist, 2017, 22, 144-151.	3.7	74
99	Effect of grapefruit juice intake on etoposide bioavailability. European Journal of Clinical Pharmacology, 2002, 58, 491-494.	1.9	73
100	Irinotecan Pharmacogenetics: Influence of Pharmacodynamic Genes. Clinical Cancer Research, 2008, 14, 1788-1796.	7.0	72
101	Topoisomerase I and II activity in human breast, cervix, lung and colon cancer. International Journal of Cancer, 1994, 59, 607-611.	5.1	71
102	Pharmacogenetics of irinotecan toxicity. Pharmacogenomics, 2004, 5, 835-843.	1.3	71
103	Tamoxifen and CYP2D6: A Contradiction of Data. Oncologist, 2012, 17, 620-630.	3.7	71
104	Clinically relevant drugâ€"drug interactions in oncology. British Journal of Clinical Pharmacology, 1998, 45, 539-544.	2.4	70
105	Re: CYP2D6 Genotype and Tamoxifen Response in Postmenopausal Women With Endocrine-Responsive Breast Cancer: The Breast International Group 1-98 Trial. Journal of the National Cancer Institute, 2012, 104, 1264-1264.	6.3	70
106	Structure and characterization of human carboxylesterase 1A1, 1A2, and 1A3 genes. Pharmacogenetics and Genomics, 2008, 18, 911-920.	1.5	69
107	Cancer pharmacogenomics: current and future applications. Biochimica Et Biophysica Acta: Reviews on Cancer, 2003, 1603, 99-111.	7.4	67
108	CYP3A5 Polymorphism and the Ethnic Differences in Cyclosporine Pharmacokinetics in Healthy Subjects 1. Therapeutic Drug Monitoring, 2004, 26, 524-528.	2.0	67

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109	Exploring the Distribution of Genetic Markers of Pharmacogenomics Relevance in Brazilian and Mexican Populations. PLoS ONE, 2014, 9, e112640.	2.5	67
110	Hoosier Oncology Group Randomized Phase II Study of Docetaxel, Vinorelbine, and Estramustine in Combination in Hormone-Refractory Prostate Cancer with Pharmacogenetic Survival Analysis. Clinical Cancer Research, 2006, 12, 6094-6099.	7.0	66
111	Population Pharmacokinetic Modeling of the Association between 63396Câ†'T Pregnane X Receptor Polymorphism and Unboosted Atazanavir Clearance. Antimicrobial Agents and Chemotherapy, 2010, 54, 5242-5250.	3.2	66
112	Knowledge, attitudes and education of pharmacists regarding pharmacogenetic testing. Personalized Medicine, 2012, 9, 19-27.	1.5	66
113	Variance in the Expression of 5-Fluorouracil Pathway Genes in Colorectal Cancer. Clinical Cancer Research, 2005, 11, 2612-2619.	7.0	64
114	Pharmacogenomics: from bedside to clinical practice. Human Molecular Genetics, 2006, 15, R89-R93.	2.9	64
115	Genome-scale analysis identifies SERPINE1 and SPARC as diagnostic and prognostic biomarkers in gastric cancer. OncoTargets and Therapy, 2018, Volume 11, 6969-6980.	2.0	64
116	High-dose dextromethorphan in amyotrophic lateral sclerosis: Phase I safety and pharmacokinetic studies. Annals of Neurology, 1994, 36, 920-924.	5.3	63
117	Can Inhibiting Dihydropyrimidine Dehydrogenase Limit Hand-Foot Syndrome Caused by Fluoropyrimidines?. Clinical Cancer Research, 2008, 14, 8-13.	7.0	63
118	SNP databases and pharmacogenetics: great start, but a long way to go. Human Mutation, 2002, 20, 174-179.	2.5	62
119	Somatic cancer variant curation and harmonization through consensus minimum variant level data. Genome Medicine, 2016, 8, 117.	8.2	61
120	Eniluracil Treatment Completely Inactivates Dihydropyrimidine Dehydrogenase in Colorectal Tumors. Journal of Clinical Oncology, 1999, 17, 2439-2439.	1.6	60
121	CYP3A4 and CYP3A5genotyping by Pyrosequencing. BMC Medical Genetics, 2005, 6, 19.	2.1	60
122	Cancer Pharmacogenomics: SNPs, Chips, and the Individual Patient. Cancer Investigation, 2003, 21, 630-640.	1.3	58
123	A Phase 1 study of UCN-01 in combination with irinotecan in patients with resistant solid tumor malignancies. Cancer Chemotherapy and Pharmacology, 2011, 67, 1225-1237.	2.3	58
124	Thymidylate Synthase Genotype-Directed Neoadjuvant Chemoradiation for Patients With Rectal Adenocarcinoma. Journal of Clinical Oncology, 2011, 29, 875-883.	1.6	58
125	Pyrosequencing of Clinically Relevant Polymorphisms. , 2005, 311, 097-114.		57
126	Propranolol induced G0/G1/S phase arrest and apoptosis in melanoma cells via AKT/MAPK pathway. Oncotarget, 2016, 7, 68314-68327.	1.8	56

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127	A pilot study of high-throughput, sequence-based mutational profiling of primary human acute myeloid leukemia cell genomes. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 14275-14280.	7.1	55
128	Gene Expression Profiling of the Irinotecan Pathway in Colorectal Cancer. Clinical Cancer Research, 2005, 11, 2053-2062.	7.0	55
129	Economic Opportunities and Challenges for Pharmacogenomics. Annual Review of Pharmacology and Toxicology, 2010, 50, 423-437.	9.4	55
130	Thiopurine Methyltransferase Genotype and the Toxicity of Azathioprine in Japanese.. Internal Medicine, 1999, 38, 944-947.	0.7	54
131	Pharmacogenomic genome-wide association studies: lessons learned thus far. Pharmacogenomics, 2009, 10, 161-163.	1.3	53
132	Validation of Clinical Testing for Warfarin Sensitivity. Journal of Molecular Diagnostics, 2009, 11, 216-225.	2.8	53
133	Opportunities, resources, and techniques for implementing genomics in clinical care. Lancet, The, 2019, 394, 511-520.	13.7	53
134	Use of pharmacogenetics for predicting cancer prognosis and treatment exposure, response and toxicity. Journal of Human Genetics, 2013, 58, 346-352.	2.3	52
135	The candidate oncogeneZNF217 is frequently amplified in colon cancer. Journal of Pathology, 2004, 204, 282-288.	4.5	51
136	Creating and evaluating genetic tests predictive of drug response. Nature Reviews Drug Discovery, 2008, 7, 568-574.	46.4	51
137	Characterizing genetic variants for clinical action. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2014, 166, 93-104.	1.6	50
138	CHARACTERIZATION OF NOVEL CYP2A6 POLYMORPHIC ALLELES (CYP2A6*18 AND CYP2A6*19) THAT AFFECT ENZYMATIC ACTIVITY. Drug Metabolism and Disposition, 2005, 33, 1202-1210.	3.3	49
139	Defining the opportunity for pharmacogenetic intervention in primary care. Pharmacogenomics, 2006, 7, 61-65.	1.3	49
140	miR-302b inhibits tumorigenesis by targeting EphA2 via Wnt/ Î²-catenin/EMT signaling cascade in gastric cancer. BMC Cancer, 2017, 17, 886.	2.6	49
141	A novel CYP2A6*20 allele found in African-American population produces a truncated protein lacking enzymatic activity. Biochemical Pharmacology, 2005, 70, 801-808.	4.4	48
142	Exome Resequencing Identifies Potential Tumor-Suppressor Genes that Predispose to Colorectal Cancer. Human Mutation, 2013, 34, 1026-1034.	2.5	48
143	Etoposide pharmacokinetics and pharmacodynamics after acute and chronic exposure to cisplatin. Clinical Pharmacology and Therapeutics, 1994, 56, 503-511.	4.7	47
144	Impact of genotype-guided dosing on anticoagulation visits for adults starting warfarin: a randomized controlled trial. Pharmacogenomics, 2013, 14, 1593-1603.	1.3	47

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145	Pharmacogenomic profiling of the PI3K/PTEN-AKT-mTOR pathway in common human tumors. International Journal of Oncology, 2004, 24, 893.	3.3	46
146	Disposition of 9-nitrocamptothecin and its 9-aminocamptothecin metabolite in relation to ABC transporter genotypes. Investigational New Drugs, 2006, 24, 393-401.	2.6	46
147	Pharmacogenetic Discovery in CALGB (Alliance) 90401 and Mechanistic Validation of a VAC14 Polymorphism that Increases Risk of Docetaxel-Induced Neuropathy. Clinical Cancer Research, 2016, 22, 4890-4900.	7.0	46
148	CYP3A4 promoter variant in Saudi, Ghanaian and Scottish Caucasian populations. Pharmacogenetics and Genomics, 2000, 10, 753-756.	5.7	45
149	Simple and rapid docetaxel assay in plasma by protein precipitation and high-performance liquid chromatographyâ€"tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2004, 804, 263-267.	2.3	45
150	Irinotecan Pharmacogenetics: Is It Time to Intervene?. Journal of Clinical Oncology, 2004, 22, 1356-1359.	1.6	44
151	Novel humanCYP2A6alleles confound gene deletion analysis. FEBS Letters, 2004, 569, 75-81.	2.8	44
152	Identification of Candidate Alkylator-Induced Cancer Susceptibility Genes by Whole Genome Scanning in Mice. Cancer Research, 2006, 66, 5029-5038.	0.9	44
153	Pharmacogenomic characterization of US FDA-approved cytotoxic drugs. Pharmacogenomics, 2011, 12, 1407-1415.	1.3	44
154	Rates and Risk of Atrial Arrhythmias in Patients Treated With Ibrutinib Compared With Cytotoxic Chemotherapy. American Journal of Cardiology, 2019, 124, 539-544.	1.6	44
155	Pharmacogenomic Discovery Approaches: Will the Real Genes Please Stand Up?. Journal of Clinical Oncology, 2005, 23, 7342-7349.	1.6	43
156	Taxane pathway. Pharmacogenetics and Genomics, 2009, 19, 979-983.	1.5	43
157	Concordance of pharmacogenetic markers in germline and colorectal tumor DNA. Pharmacogenomics, 2005, 6, 873-877.	1.3	42
158	A Novel Duplication Type of CYP2A6 Gene in African-American Population. Drug Metabolism and Disposition, 2007, 35, 515-520.	3.3	42
159	Systems pharmacology assessment of the 5-fluorouracil pathway. Pharmacogenomics, 2011, 12, 341-350.	1.3	42
160	Tamoxifen Dose Escalation in Patients With Diminished CYP2D6 Activity Normalizes Endoxifen Concentrations Without Increasing Toxicity. Oncologist, 2016, 21, 795-803.	3.7	42
161	Differential Expression of the AP-1 Transcription Factor Family Members in Human Colorectal Epithelial and Neuroendocrine Neoplasms. American Journal of Clinical Pathology, 2005, 124, 11-19.	0.7	41
162	Etoposide pathway. Pharmacogenetics and Genomics, 2009, 19, 552-553.	1.5	41

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163	Amplification of thymidylate synthetase in metastatic colorectal cancer patients pretreated with 5-fluorouracil-based chemotherapy. European Journal of Cancer, 2010, 46, 3358-3364.	2.8	41
164	Pharmacogenetic tests in cancer chemotherapy: what physicians should know for clinical application. Journal of Pathology, 2011, 223, 15-27.	4.5	41
165	Genetic heterogeneity beyond CYP2C8*3 does not explain differential sensitivity to paclitaxel-induced neuropathy. Breast Cancer Research and Treatment, 2014, 145, 245-254.	2.5	41
166	Pharmacogenetics and oncology treatment for breast cancer. Expert Opinion on Pharmacotherapy, 2007, 8, 119-127.	1.8	40
167	Cancer Pharmacogenomics and Pharmacoepidemiology: Setting a Research Agenda to Accelerate Translation. Journal of the National Cancer Institute, 2010, 102, 1698-1705.	6.3	40
168	In vivo assessment of the metabolic activity of CYP2D6 diplotypes and alleles. British Journal of Clinical Pharmacology, 2015, 80, 1122-1130.	2.4	40
169	Evaluation of the linearity of docetaxel pharmacokinetics. Cancer Chemotherapy and Pharmacology, 1998, 42, 155-159.	2.3	39
170	Mechanisms of acquired chemoresistance to 5-fluorouracil and tomudex: thymidylate synthase dependent and independent networks. Cancer Chemotherapy and Pharmacology, 2007, 59, 839-845.	2.3	39
171	Platinum pathway. Pharmacogenetics and Genomics, 2009, 19, 563-564.	1.5	39
172	Single nucleotide polymorphism profiling across the methotrexate pathway in normal subjects and patients with rheumatoid arthritis. Pharmacogenomics, 2004, 5, 559-569.	1.3	38
173	Genetic Variation in the B-Type Natiuretic Peptide Pathway Affects BNP Levels. Cardiovascular Drugs and Therapy, 2007, 21, 55-62.	2.6	38
174	PolyMAPr: Programs for polymorphism database mining, annotation, and functional analysis. Human Mutation, 2005, 25, 110-117.	2.5	37
175	Personalizing Medicine in Geriatric Oncology. Journal of Clinical Oncology, 2014, 32, 2581-2586.	1.6	37
176	CYP3A4 promoter variant is associated with prostate cancer risk in men with benign prostate hyperplasia. Oncology Reports, 2002, 9, 653-5.	2.6	37
177	Genotypes associated with myocardial infarction risk are more common in African Americans than in European Americans. Journal of the American College of Cardiology, 2004, 44, 165-167.	2.8	36
178	A Communityâ€Based Multicenter Trial of Pharmacokinetically Guided 5â€Fluorouracil Dosing for Personalized Colorectal Cancer Therapy. Oncologist, 2014, 19, 959-965.	3.7	36
179	Pharmacogenetics: ethical problems and solutions. Nature Reviews Genetics, 2004, 5, 676-680.	16.3	35
180	Pharmacogenomics as a risk mitigation strategy for chemotherapeutic cardiotoxicity. Pharmacogenomics, 2013, 14, 205-213.	1.3	35

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