Ann M Moyer

List of Publications by Year
in descending order

73 papers	1,870 citations	331670 21 h-index	289244 40 g-index
76 all docs	76 docs citations	76 times ranked	2918 citing authors

#	Article	IF	Citations
1	OUP accepted manuscript. Clinical Chemistry, 2022, , .	3.2	0
2	Targeted Genotyping in Clinical Pharmacogenomics. Journal of Molecular Diagnostics, 2022, 24, 253-261.	2.8	13
3	Identification of sex-specific genetic associations in response to opioid analgesics in a White, non-Hispanic cohort from Southeast Minnesota. Pharmacogenomics Journal, 2022, , .	2.0	3
4	Late Complications of COVID-19. Archives of Pathology and Laboratory Medicine, 2022, 146, 791-804.	2.5	11
5	Implementation of preemptive DNA sequenceâ€“based pharmacogenomics testing across a large academic medical center: The Mayo-Baylor RIGHT 10K Study. Genetics in Medicine, 2022, 24, 1062-1072.	2.4	28
6	Postmortem Assessment of Olfactory Tissue Degeneration and Microvasculopathy in Patients With COVID-19. JAMA Neurology, 2022, 79, 544.	9.0	46
7	SARS-CoV-2 RNA Detection in Formalin-Fixed Paraffin-Embedded (FFPE) Tissue by Droplet Digital PCR (ddPCR). Clinica Chimica Acta, 2022, , .	1.1	6
8	Complement Gene Variant Effect on Relapse of Complement-Mediated Thrombotic Microangiopathy after Eculizumab Cessation. Blood Advances, 2022, , .	5.2	2
9	A reverse-transcription droplet digital PCR assay to detect and quantify SARS-CoV-2 RNA in upper respiratory tract specimens. Journal of Clinical Virology, 2022, 153, 105216.	3.1	11
10	Considerations When Applying Pharmacogenomics to Your Practice. Mayo Clinic Proceedings, 2021, 96, 218-230.	3.0	22
11	HLA-D and PLA2R1 risk alleles associate with recurrent primary membranous nephropathy in kidney transplant recipients. Kidney International, 2021, 99, 671-685.	5.2	24
12	Use of Pharmacogenomics to Guide Proton Pump Inhibitor Therapy in Clinical Practice. Digestive Diseases and Sciences, 2021, 66, 4120-4127.	2.3	7
13	Impact of Pharmacogenomic Information on Values of Care and Quality of Life Associated with Codeine and Tramadol-Related Adverse Drug Events. Mayo Clinic Proceedings Innovations, Quality & Outcomes, 2021, 5, 35-45.	2.4	3
14	NUDT15: A bench to bedside success story. Clinical Biochemistry, 2021, 92, 1-8.	1.9	7
15	Comparison of In Situ Hybridization, Immunohistochemistry, and Reverse Transcriptionâ€“Droplet Digital Polymerase Chain Reaction for Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Testing in Tissue. Archives of Pathology and Laboratory Medicine, 2021, 145, 785-796.	2.5	27
16	Genetic variants related to successful migraine prophylaxis with verapamil. Molecular Genetics & Genomic Medicine, 2021, 9, e1680.	1.2	8
17	Complement testing in the clinical laboratory. Critical Reviews in Clinical Laboratory Sciences, 2021, 58, 447-478.	6.1	4
18	Patient-Derived Xenograft Engraftment and Breast Cancer Outcomes in a Prospective Neoadjuvant Study (BEAUTY). Clinical Cancer Research, 2021, 27, 4696-4699.	7.0	7

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19	Sex differences in type and occurrence of adverse reactions to opioid analgesics: a retrospective cohort study. BMJ Open, 2021, 11, e044157.	1.9	16
20	Establishment and characterization of immortalized human breast cancer cell lines from breast cancer patient-derived xenografts (PDX). Npj Breast Cancer, 2021, 7, 79.	5.2	5
21	Genomics Integration Into Nephrology Practice. Kidney Medicine, 2021, 3, 785-798.	2.0	13
22	Quantitative Alterations in Complement Alternative Pathway and Related Genetic Analysis in Severe Phenotype Preeclampsia. Kidney360, 2021, 2, 1463-1472.	2.1	2
23	Pharmacogenomics education, researchÂand clinical implementation in the state of Minnesota. Pharmacogenomics, 2021, 22, 681-691.	1.3	11
24	Characterization of Reference Materials with an Association for Molecular Pathology Pharmacogenetics Working Group Tier 2 Status: CYP2C9, CYP2C19, VKORC1, CYP2C Cluster Variant, and GGCX. Journal of Molecular Diagnostics, 2021, 23, 952-958.	2.8	9
25	Spectrum of hematological malignancies, clonal evolution and outcomes in 144 Mayo Clinic patients with germline predisposition syndromes. American Journal of Hematology, 2021, 96, 1450-1460.	4.1	19
26	Recommendations for Clinical CYP2D6 Genotyping Allele Selection. Journal of Molecular Diagnostics, 2021, 23, 1047-1064.	2.8	73
27	Mitochondriopathy Manifesting as Inherited Tubulointerstitial Nephropathy Without Symptomatic Other Organ Involvement. Kidney International Reports, 2021, 6, 2514-2518.	0.8	5
28	Acute Kidney Injury in Severe COVID-19 Has Similarities to Sepsis-Associated Kidney Injury. Mayo Clinic Proceedings, 2021, 96, 2561-2575.	3.0	41
29	Nine-gene pharmacogenomics profile service: The Mayo Clinic experience. Pharmacogenomics Journal, 2021, , .	2.0	13
30	Translating Pharmacogenomic Research to Therapeutic Potentials (Bench to Bedside). , 2021, , .		0
31	Pharmacogenomics testing in patients with liver transplant and potential impact on prospective management. Pharmacogenomics, 2021, 22, 1177-1183.	1.3	2
32	Integrating pharmacogenomics into the electronic health record by implementing genomic indicators. Journal of the American Medical Informatics Association: JAMIA, 2020, 27, 154-158.	4.4	29
33	Cohort Profile: The Right Drug, Right Dose, Right Time: Using Genomic Data to Individualize Treatment Protocol (RIGHT Protocol). International Journal of Epidemiology, 2020, 49, 23-24k.	1.9	34
34	Letter Regarding â€œFibrillary Glomerulonephritis IsÂAssociated With HLA-DR7 and HLA-B35 Antigensâ€• Kidney International Reports, 2020, 5, 1840-1841.	0.8	3
35	Description of Pharmacogenomic Testing Among Patients Admitted to the Intensive Care Unit After Cardiovascular Surgery. Journal of Intensive Care Medicine, 2020, 36, 088506662094630.	2.8	4
36	Does Transfusion of Red Blood Cells Impact Germline Genetic Test Results?. Journal of Personalized Medicine, 2020, 10, 268.	2.5	4

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37	Recommendations for Clinical Warfarin Genotyping Allele Selection. Journal of Molecular Diagnostics, 2020, 22, 847-859.	2.8	39
38	Regulation of sister chromatid cohesion by nuclear PD-L1. Cell Research, 2020, 30, 590-601.	12.0	58
39	Challenges in classification of novel CFH variants in patients with atypical hemolytic uremic syndrome. Thrombosis Update, 2020, 1, 100002.	0.9	3
40	Genotype and Phenotype Concordance for Pharmacogenetic Tests Through Proficiency Survey Testing. Archives of Pathology and Laboratory Medicine, 2020, 144, 1057-1066.	2.5	5
41	Concordance between predicted HLA type using next generation sequencing data generated for non-HLA purposes and clinical HLA type. Human Immunology, 2020, 81, 423-429.	2.4	4
42	Sex Differences in Associations Between CYP2D6 Phenotypes and Response to Opioid Analgesics . Pharmacogenomics and Personalized Medicine, 2020, Volume 13, 71-79.	0.7	18
43	Determination of Relapse Risk By Complement Gene Variants after Eculizumab Discontinuation in Complement-Mediated Thrombotic Microangiopathy: A Retrospective Review. Blood, 2020, 136, 25-26.	1.4	1
44	Use of pharmacogenetic data to guide individualized opioid prescribing after surgery. Surgery, 2019, 166, 476-482.	1.9	9
45	Consumer-initiated Genetic Testing and Pharmacogenomics. Advances in Molecular Pathology, 2019, 2, 133-142.	0.4	1
46	Recommendations for Clinical CYP2C9 Genotyping Allele Selection. Journal of Molecular Diagnostics, 2019, 21, 746-755.	2.8	84
47	Pharmacogenomic Next-Generation DNA Sequencing: Lessons from the Identification and Functional Characterization of Variants of Unknown Significance inCYP2C9andCYP2C19. Drug Metabolism and Disposition, 2019, 47, 425-435.	3.3	17
48	Concepts Driving Pharmacogenomics Implementation Into Everyday Healthcare . Pharmacogenomics and Personalized Medicine, 2019, Volume 12, 305-318.	0.7	12
49	Statin therapy: does sex matter?. Menopause, 2019, 26, 1425-1435.	2.0	33
50	Clinical Pharmacogenetics Implementation Consortium Guideline for Thiopurine Dosing Based on <scp>TPMT</scp> and <scp>NUDT</scp>15 Genotypes: 2018 Update. Clinical Pharmacology and Therapeutics, 2019, 105, 1095-1105.	4.7	428
51	Spontaneous murine tumors in the development of patient-derived xenografts: a potential pitfall. Oncotarget, 2019, 10, 3924-3930.	1.8	11
52	Does Transfusion of Red Blood Cells Impact Germline Genetic Test Results?. Blood, 2019, 134, 3698-3698.	1.4	0
53	Diagnostic Tools for Inborn Errors of Human Immunity (Primary Immunodeficiencies and Immune) Tj ETQq1 1 0.784314 rgBT /Overloc	5.3	15
54	Does matching for SNPs in the MHC gamma block in 10/10 HLA-matched unrelated donor-recipient pairs undergoing allogeneic stem cell transplant improve outcomes?. Human Immunology, 2018, 79, 532-536.	2.4	6

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55	What's in a name: are menopausal â€œhot flashesâ€•a symptom of menopause or a manifestation of neurovascular dysregulation?. Menopause, 2018, 25, 700-703.	2.0	21
56	DNA methyltransferase expression in triple-negative breast cancer predicts sensitivity to decitabine. Journal of Clinical Investigation, 2018, 128, 2376-2388.	8.2	134
57	SLCO1B1 genetic variation and hormone therapy in menopausal women. Menopause, 2018, 25, 877-882.	2.0	16
58	Clinical UGT1A1 Genetic Analysis in Pediatric Patients: Experience of a Reference Laboratory. Molecular Diagnosis and Therapy, 2017, 21, 327-335.	3.8	8
59	The challenges of implementing pharmacogenomic testing in the clinic. Expert Review of Pharmacoeconomics and Outcomes Research, 2017, 17, 567-577.	1.4	37
60	Tumor Sequencing and Patient-Derived Xenografts in the Neoadjuvant Treatment of Breast Cancer. Journal of the National Cancer Institute, 2017, 109, .	6.3	61
61	Pathologic findings in breast, fallopian tube, and ovary specimens in non- BRCA hereditary breast and/or ovarian cancer syndromes: a study of 18 patients with deleterious germline mutations in RAD51C , BARD1 , BRIP1 , PALB2 , MUTYH , or CHEK2. Human Pathology, 2017, 70, 14-26.	2.0	11
62	Challenges in Ordering and Interpreting Pharmacogenomic Tests in Clinical Practice. American Journal of Medicine, 2017, 130, 1342-1344.	1.5	21
63	Clinical outcomes of <scp>HLA</scp>â€•<scp>DPB</scp>1 mismatches in 10/10 <scp>HLA</scp>â€matched unrelated donorâ€•recipient pairs undergoing allogeneic stem cell transplant. European Journal of Haematology, 2017, 99, 275-282.	2.2	11
64	Establishing and characterizing patient-derived xenografts using pre-chemotherapy percutaneous biopsy and post-chemotherapy surgical samples from a prospective neoadjuvant breast cancer study. Breast Cancer Research, 2017, 19, 130.	5.0	53
65	Technical Challenges and Opportunities when Implementing Pharmacogenomics Decision Support Integrated in the Electronic Health Record. Studies in Health Technology and Informatics, 2017, 245, 1255.	0.3	6
66	Could personalized management of menopause based on genomics become a reality?. Pharmacogenomics, 2016, 17, 659-662.	1.3	9
67	Implementation of Clinical Decision Support Rules to Reduce Repeat Measurement of Serum Ionized Calcium, Serum Magnesium, and N-Terminal Pro-B-Type Natriuretic Peptide in Intensive Care Unit Inpatients. Clinical Chemistry, 2016, 62, 824-830.	3.2	21
68	Relationship of Genetic Variation in the Serotonin Transporter Gene (SLC6A4) and Congenital and Acquired Cardiovascular Diseases. Genetic Testing and Molecular Biomarkers, 2015, 19, 115-123.	0.7	3
69	Exome sequencing reveals frequent deleterious germline variants in cancer susceptibility genes in women with invasive breast cancer undergoing neoadjuvant chemotherapy. Breast Cancer Research and Treatment, 2015, 153, 435-443.	2.5	26
70	Acetaminophen-NAPQI Hepatotoxicity: A Cell Line Model System Genome-Wide Association Study. Toxicological Sciences, 2011, 120, 33-41.	3.1	61
71	Single Nucleotide Polymorphisms (SNPs) in Genes for Glutathione-Related Metabolism, Cyclin D1, and DNA Repair As Predictive Biomarkers in Mantle Cell Lymphoma Patients Treated with R-HyperCVAD with Ten Year Clinical Follow-up,. Blood, 2011, 118, 3650-3650.	1.4	0
72	Glutathione Pathway Genetic Polymorphisms and Lung Cancer Survival After Platinum-Based Chemotherapy. Cancer Epidemiology Biomarkers and Prevention, 2010, 19, 811-821.	2.5	42

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73	GlutathioneS-Transferase T1 and M1: Gene Sequence Variation and Functional Genomics. Clinical Cancer Research, 2007, 13, 7207-7216.	7.0	69