

Philip E Empey

List of Publications by Year in descending order

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Version: 2024-02-01

96
papers

3,721
citations

136740

32
h-index

149479

56
g-index

99
all docs

99
docs citations

99
times ranked

4436
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | The "All of Us" Research Program. <i>New England Journal of Medicine</i> , 2019, 381, 668-676. | 13.9 | 955 |
| 2 | Multisite Investigation of Outcomes With Implementation of CYP2C19 Genotype-Guided Antiplatelet Therapy After Percutaneous Coronary Intervention. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 181-191. | 1.1 | 213 |
| 3 | Emerging Therapies in Traumatic Brain Injury. <i>Seminars in Neurology</i> , 2015, 35, 083-100. | 0.5 | 100 |
| 4 | Dosing and safety of cyclosporine in patients with severe brain injury. <i>Journal of Neurosurgery</i> , 2008, 109, 699-707. | 0.9 | 99 |
| 5 | Multisite Investigation of Strategies for the Implementation of CYP2C19 Genotype-Guided Antiplatelet Therapy. <i>Clinical Pharmacology and Therapeutics</i> , 2018, 104, 664-674. | 2.3 | 94 |
| 6 | Lipid Emulsion Combined with Epinephrine and Vasopressin Does Not Improve Survival in a Swine Model of Bupivacaine-induced Cardiac Arrest. <i>Anesthesiology</i> , 2009, 111, 138-146. | 1.3 | 85 |
| 7 | Levofloxacin Failure in a Patient with Pneumococcal Pneumonia. <i>Annals of Pharmacotherapy</i> , 2001, 35, 687-690. | 0.9 | 84 |
| 8 | The IGNITE Pharmacogenetics Working Group: An Opportunity for Building Evidence with Pharmacogenetic Implementation in a Real-World Setting. <i>Clinical and Translational Science</i> , 2017, 10, 143-146. | 1.5 | 82 |
| 9 | Educational strategies to enable expansion of pharmacogenomics-based care. <i>American Journal of Health-System Pharmacy</i> , 2016, 73, 1986-1998. | 0.5 | 79 |
| 10 | Mild Hypothermia Alters Midazolam Pharmacokinetics in Normal Healthy Volunteers. <i>Drug Metabolism and Disposition</i> , 2010, 38, 781-788. | 1.7 | 73 |
| 11 | Advancing Pharmacogenomics Education in the Core PharmD Curriculum through Student Personal Genomic Testing. <i>American Journal of Pharmaceutical Education</i> , 2016, 80, 3. | 0.7 | 73 |
| 12 | Incidence of Exposure of Patients in the United States to Multiple Drugs for Which Pharmacogenomic Guidelines Are Available. <i>PLoS ONE</i> , 2016, 11, e0164972. | 1.1 | 68 |
| 13 | Endothelin-1 Is Increased in Cerebrospinal Fluid and Associated with Unfavorable Outcomes in Children after Severe Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2010, 27, 1819-1825. | 1.7 | 61 |
| 14 | Synthesis of Findings, Current Investigations, and Future Directions: Operation Brain Trauma Therapy. <i>Journal of Neurotrauma</i> , 2016, 33, 606-614. | 1.7 | 61 |
| 15 | Combination Therapies for Traumatic Brain Injury: Retrospective Considerations. <i>Journal of Neurotrauma</i> , 2016, 33, 101-112. | 1.7 | 56 |
| 16 | Cyclosporin A Disposition following Acute Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2006, 23, 109-116. | 1.7 | 53 |
| 17 | Multi-site investigation of strategies for the clinical implementation of CYP2D6 genotyping to guide drug prescribing. <i>Genetics in Medicine</i> , 2019, 21, 2255-2263. | 1.1 | 53 |
| 18 | Genetic predisposition to adverse drug reactions in the intensive care unit. <i>Critical Care Medicine</i> , 2010, 38, S106-S116. | 0.4 | 52 |

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|----|---|-----|-----------|
| 19 | Mild hypothermia decreases fentanyl and midazolam steady-state clearance in a rat model of cardiac arrest. <i>Critical Care Medicine</i> , 2012, 40, 1221-1228. | 0.4 | 51 |
| 20 | Therapeutic Hypothermia Decreases Phenytoin Elimination in Children with Traumatic Brain Injury*. <i>Critical Care Medicine</i> , 2013, 41, 2379-2387. | 0.4 | 50 |
| 21 | Expanding evidence leads to new pharmacogenomics payer coverage. <i>Genetics in Medicine</i> , 2021, 23, 830-832. | 1.1 | 49 |
| 22 | Effect of Hypothermia and Targeted Temperature Management on Drug Disposition and Response Following Cardiac Arrest: A Comprehensive Review of Preclinical and Clinical Investigations. <i>Therapeutic Hypothermia and Temperature Management</i> , 2016, 6, 169-179. | 0.3 | 46 |
| 23 | Cyclosporine Treatment in Traumatic Brain Injury: Operation Brain Trauma Therapy. <i>Journal of Neurotrauma</i> , 2016, 33, 553-566. | 1.7 | 44 |
| 24 | Multi-Center Pre-clinical Consortia to Enhance Translation of Therapies and Biomarkers for Traumatic Brain Injury: Operation Brain Trauma Therapy and Beyond. <i>Frontiers in Neurology</i> , 2018, 9, 640. | 1.1 | 42 |
| 25 | Operation Brain Trauma Therapy: 2016 Update. <i>Military Medicine</i> , 2018, 183, 303-312. | 0.4 | 41 |
| 26 | Simvastatin Treatment in Traumatic Brain Injury: Operation Brain Trauma Therapy. <i>Journal of Neurotrauma</i> , 2016, 33, 567-580. | 1.7 | 40 |
| 27 | ABCC8 Single Nucleotide Polymorphisms are Associated with Cerebral Edema in Severe TBI. <i>Neurocritical Care</i> , 2017, 26, 213-224. | 1.2 | 40 |
| 28 | Probenecid, an organic anion transporter 1 and 3 inhibitor, increases plasma and brain exposure of N-acetylcysteine. <i>Xenobiotica</i> , 2017, 47, 346-353. | 0.5 | 39 |
| 29 | Phase I randomized clinical trial of N-acetylcysteine in combination with an adjuvant probenecid for treatment of severe traumatic brain injury in children. <i>PLoS ONE</i> , 2017, 12, e0180280. | 1.1 | 39 |
| 30 | Interpatient Variability in Dexmedetomidine Response: A Survey of the Literature. <i>Scientific World Journal</i> , The, 2014, 2014, 1-12. | 0.8 | 38 |
| 31 | Regionally clustered ABCC8 polymorphisms in a prospective cohort predict cerebral oedema and outcome in severe traumatic brain injury. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 1152-1162. | 0.9 | 36 |
| 32 | Dexmedetomidine Reduces Shivering during Mild Hypothermia in Waking Subjects. <i>PLoS ONE</i> , 2015, 10, e0129709. | 1.1 | 35 |
| 33 | Opportunity for Genotype-Guided Prescribing Among Adult Patients in 11 US Health Systems. <i>Clinical Pharmacology and Therapeutics</i> , 2021, 110, 179-188. | 2.3 | 35 |
| 34 | Prescribing Prevalence of Medications With Potential Genotype-Guided Dosing in Pediatric Patients. <i>JAMA Network Open</i> , 2020, 3, e2029411. | 2.8 | 34 |
| 35 | Multisite investigation of strategies for the clinical implementation of pre-emptive pharmacogenetic testing. <i>Genetics in Medicine</i> , 2021, 23, 2335-2341. | 1.1 | 32 |
| 36 | Cardiac Arrest and Therapeutic Hypothermia Decrease Isoform-Specific Cytochrome P450 Drug Metabolism. <i>Drug Metabolism and Disposition</i> , 2011, 39, 2209-2218. | 1.7 | 31 |

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|----|---|-----|-----------|
| 37 | Paths to Successful Translation of New Therapies for Severe Traumatic Brain Injury in the Golden Age of Traumatic Brain Injury Research: A Pittsburgh Vision. <i>Journal of Neurotrauma</i> , 2020, 37, 2353-2371. | 1.7 | 31 |
| 38 | Core Competencies for Research Training in the Clinical Pharmaceutical Sciences. <i>American Journal of Pharmaceutical Education</i> , 2011, 75, 27. | 0.7 | 27 |
| 39 | Influence of ATP-Binding Cassette Polymorphisms on Neurological Outcome After Traumatic Brain Injury. <i>Neurocritical Care</i> , 2013, 19, 192-198. | 1.2 | 27 |
| 40 | Bringing clinical pharmacogenomics information to pharmacists: A qualitative study of information needs and resource requirements. <i>International Journal of Medical Informatics</i> , 2016, 86, 54-61. | 1.6 | 27 |
| 41 | Information needs for making clinical recommendations about potential drug-drug interactions: a synthesis of literature review and interviews. <i>BMC Medical Informatics and Decision Making</i> , 2017, 17, 21. | 1.5 | 25 |
| 42 | Cost-effectiveness of CYP2C19-guided antiplatelet therapy in patients with acute coronary syndrome and percutaneous coronary intervention informed by real-world data. <i>Pharmacogenomics Journal</i> , 2020, 20, 724-735. | 0.9 | 25 |
| 43 | Impact of the <i>CYP2C19*17</i> Allele on Outcomes in Patients Receiving Genotype-Guided Antiplatelet Therapy After Percutaneous Coronary Intervention. <i>Clinical Pharmacology and Therapeutics</i> , 2021, 109, 705-715. | 2.3 | 25 |
| 44 | <i>CYP2C19</i> Genotype-Guided Antiplatelet Therapy After Percutaneous Coronary Intervention in Diverse Clinical Settings. <i>Journal of the American Heart Association</i> , 2022, 11, e024159. | 1.6 | 24 |
| 45 | Pharmacists Leading the Way to Precision Medicine: Updates to the Core Pharmacist Competencies in Genomics. <i>American Journal of Pharmaceutical Education</i> , 2022, 86, 8634. | 0.7 | 21 |
| 46 | Patient Predictors of Dexmedetomidine Effectiveness for Sedation in Intensive Care Units. <i>American Journal of Critical Care</i> , 2014, 23, 160-165. | 0.8 | 20 |
| 47 | Clibenclamide Treatment in Traumatic Brain Injury: Operation Brain Trauma Therapy. <i>Journal of Neurotrauma</i> , 2021, 38, 628-645. | 1.7 | 20 |
| 48 | Probenecid and <i>N</i> -Acetylcysteine Prevent Loss of Intracellular Glutathione and Inhibit Neuronal Death after Mechanical Stretch Injury <i>In Vitro</i> . <i>Journal of Neurotrauma</i> , 2016, 33, 1913-1917. | 1.7 | 19 |
| 49 | ABCB1 genotype is associated with fentanyl requirements in critically ill children. <i>Pediatric Research</i> , 2017, 82, 29-35. | 1.1 | 19 |
| 50 | Blended Simulation Progress Testing for Assessment of Practice Readiness. <i>American Journal of Pharmaceutical Education</i> , 2017, 81, 14. | 0.7 | 19 |
| 51 | Expression of ATP-Binding Cassette Transporters B1 and C1 after Severe Traumatic Brain Injury in Humans. <i>Journal of Neurotrauma</i> , 2016, 33, 226-231. | 1.7 | 18 |
| 52 | Clinical Pharmacogenomics. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2018, 13, 1561-1571. | 2.2 | 18 |
| 53 | <i>PharmVar GeneFocus</i> : <i>SLCO1B1</i> . <i>Clinical Pharmacology and Therapeutics</i> , 2023, 113, 782-793. | 2.3 | 18 |
| 54 | Community pharmacists' educational needs for implementing clinical pharmacogenomic services. <i>Journal of the American Pharmacists Association: JAPhA</i> , 2019, 59, 539-544. | 0.7 | 17 |

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|----|---|-----|-----------|
| 55 | Multi-Focal Neuronal Ultrastructural Abnormalities and Synaptic Alterations in Mice after Low-Intensity Blast Exposure. <i>Journal of Neurotrauma</i> , 2019, 36, 2117-2128. | 1.7 | 16 |
| 56 | In vitro transport characteristics of EFdA, a novel nucleoside reverse transcriptase inhibitor using Caco-2 and MDCKII cell monolayers. <i>European Journal of Pharmacology</i> , 2014, 732, 86-95. | 1.7 | 15 |
| 57 | The pharmacogenomics of severe traumatic brain injury. <i>Pharmacogenomics</i> , 2017, 18, 1413-1425. | 0.6 | 15 |
| 58 | Exploratory Application of Neuropharmacometabolomics in Severe Childhood Traumatic Brain Injury*. <i>Critical Care Medicine</i> , 2018, 46, 1471-1479. | 0.4 | 14 |
| 59 | N-(4-[2-(1,2,3,4-Tetrahydro-6,7-dimethoxy-2-isoquinolinyl)ethyl]-phenyl)-9,10-dihydro-5-methoxy-9-oxo-4-acridine Carboxamide (GF120918) As a Chemical ATP-Binding Cassette Transporter Family G Member 2 (Abcg2) Knockout Model to Study Nitrofurantoin Transfer into Milk. <i>Drug Metabolism and Disposition</i> , 2008, 36, 2591-2596. | 1.7 | 13 |
| 60 | <i>ABCG2</i> c.421C>A Is Associated with Outcomes after Severe Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2018, 35, 48-53. | 1.7 | 13 |
| 61 | Multisite evaluation of institutional processes and implementation determinants for pharmacogenetic testing to guide antidepressant therapy. <i>Clinical and Translational Science</i> , 2022, 15, 371-383. | 1.5 | 13 |
| 62 | Usefulness of Intravenous Sodium Nitrite During Resuscitation for the Treatment of Out-of-Hospital Cardiac Arrest. <i>American Journal of Cardiology</i> , 2018, 122, 554-559. | 0.7 | 11 |
| 63 | Survey of ASHP-accredited pharmacy residency programs. <i>American Journal of Health-System Pharmacy</i> , 2000, 57, 2080-2086. | 0.5 | 10 |
| 64 | Design and testing of Medivate, a mobile app to achieve medication list portability via Fast Healthcare Interoperability Resources. <i>Journal of the American Pharmacists Association: JAPhA</i> , 2019, 59, S78-S85.e2. | 0.7 | 10 |
| 65 | Evaluating the extent of reusability of CYP2C19 genotype data among patients genotyped for antiplatelet therapy selection. <i>Genetics in Medicine</i> , 2020, 22, 1898-1902. | 1.1 | 9 |
| 66 | Documenting Pharmacogenomic Test Results in Electronic Health Records: Practical Considerations for Primary Care Teams. <i>Journal of Personalized Medicine</i> , 2021, 11, 1296. | 1.1 | 9 |
| 67 | Advanced Pharmacy Practice Experiences in Pharmacogenomics Offered by US Pharmacy Programs. <i>American Journal of Pharmaceutical Education</i> , 2020, 84, ajpe8031. | 0.7 | 8 |
| 68 | Stereoselective Interaction of Pantoprazole with ABCG2. II. In Vitro Flux Analysis. <i>Drug Metabolism and Disposition</i> , 2012, 40, 1024-1031. | 1.7 | 7 |
| 69 | Pharmacogenomics to achieve precision medicine. <i>American Journal of Health-System Pharmacy</i> , 2016, 73, 1906-1907. | 0.5 | 7 |
| 70 | Confirmation of Selected Synergistic Cancer Drug Combinations Identified in an HTS Campaign and Exploration of Drug Efflux Transporter Contributions to the Mode of Synergy. <i>SLAS Discovery</i> , 2019, 24, 653-668. | 1.4 | 7 |
| 71 | Nitrite pharmacokinetics, safety and efficacy after experimental ventricular fibrillation cardiac arrest. <i>Nitric Oxide - Biology and Chemistry</i> , 2019, 93, 71-77. | 1.2 | 6 |
| 72 | A Multidisciplinary Precision Medicine Service in Primary Care. <i>Annals of Family Medicine</i> , 2022, 20, 88-88. | 0.9 | 6 |

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|----|---|-----|-----------|
| 73 | Delivering on the value proposition of precision medicine: the view from healthcare payers. American Journal of Managed Care, 2018, 24, 177-179. | 0.8 | 6 |
| 74 | Drug Dosing During Hypothermia. Pediatric Critical Care Medicine, 2013, 14, 228-229. | 0.2 | 5 |
| 75 | Design and evaluation of a pharmacogenomics information resource for pharmacists. Journal of the American Medical Informatics Association: JAMIA, 2017, 24, 822-831. | 2.2 | 5 |
| 76 | Engaging and Empowering Stakeholders to Advance Pharmacogenomics. Clinical Pharmacology and Therapeutics, 2019, 106, 305-308. | 2.3 | 5 |
| 77 | Factors Contributing to Fentanyl Pharmacokinetic Variability Among Diagnostically Diverse Critically Ill Children. Clinical Pharmacokinetics, 2019, 58, 1567-1576. | 1.6 | 5 |
| 78 | Membrane transporters in traumatic brain injury: Pathological, pharmacotherapeutic, and developmental implications. Experimental Neurology, 2019, 317, 10-21. | 2.0 | 5 |
| 79 | Variant Interpretation in Current Pharmacogenetic Testing. Journal of Personalized Medicine, 2020, 10, 204. | 1.1 | 5 |
| 80 | Kollidon VA64 Treatment in Traumatic Brain Injury: Operation Brain Trauma Therapy. Journal of Neurotrauma, 2021, 38, 2454-2472. | 1.7 | 5 |
| 81 | A pilot study of oral treprostinil pharmacogenomics and treatment persistence in patients with pulmonary arterial hypertension. Therapeutic Advances in Respiratory Disease, 2021, 15, 175346662110136. | 1.0 | 4 |
| 82 | Opioid e-prescribing trends at discharge in a large pediatric health system. Journal of Opioid Management, 2019, 15, 119-127. | 0.2 | 4 |
| 83 | Bestâ€“worst scaling methodology to evaluate constructs of the Consolidated Framework for Implementation Research: application to the implementation of pharmacogenetic testing for antidepressant therapy. Implementation Science Communications, 2022, 3, 52. | 0.8 | 4 |
| 84 | Toward semantic modeling of pharmacogenomic knowledge for clinical and translational decision support. AMIA Summits on Translational Science Proceedings, 2013, 2013, 28-32. | 0.4 | 3 |
| 85 | Towards a foundational representation of potential drug-drug interaction knowledge. CEUR Workshop Proceedings, 2014, 1309, 16-31. | 2.3 | 3 |
| 86 | 880: ARDA2A AND CYP3A5 GENOTYPES ARE ASSOCIATED WITH FENTANYL REQUIREMENTS IN CRITICALLY ILL CHILDREN. Critical Care Medicine, 2018, 46, 424-424. | 0.4 | 2 |
| 87 | Translational Informatics Connects Realâ€“World Information to Knowledge in an Increasingly Dataâ€“Driven World. Clinical Pharmacology and Therapeutics, 2020, 107, 738-741. | 2.3 | 2 |
| 88 | Internally-Developed Online Adverse Drug Reaction and Medication Error Reporting Systems. Hospital Pharmacy, 2006, 41, 428-436. | 0.4 | 1 |
| 89 | Barriers to Drug Delivery for Brain Trauma. , 2014, , 125-140. | | 1 |
| 90 | Participatory Genomic Testing Can Effectively Disseminate Cardiovascular Pharmacogenomics Concepts within Federally Qualified Health Centers: A Feasibility Study. Ethnicity and Disease, 2020, 30, 167-176. | 1.0 | 1 |

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|----|---|-----|-----------|
| 91 | Precision Medicine in Critical Care Requires an Understanding of Pharmacokinetic Variability*. Pediatric Critical Care Medicine, 2017, 18, 728-729. | 0.2 | 0 |
| 92 | Drug Metabolism in Cardiovascular Disease. , 2017, , 139-156. | | 0 |
| 93 | Therapeutic Hypothermia in Cardiac Arrest. Therapeutic Hypothermia and Temperature Management, 2018, 8, 195-198. | 0.3 | 0 |
| 94 | Affiliate network members as force amplifiers of genomic medicine research. Personalized Medicine, 2019, 16, 431-433. | 0.8 | 0 |
| 95 | Adding evidence type representation to DIDEO. CEUR Workshop Proceedings, 2016, 1747, . | 2.3 | 0 |
| 96 | Pharmacists closing health disparity gaps through pharmacogenomics. JACCP Journal of the American College of Clinical Pharmacy, 0, , . | 0.5 | 0 |