

Michael A Meledeo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2374877/publications.pdf>

Version: 2024-02-01

48
papers

1,023
citations

471509

17
h-index

414414

32
g-index

50
all docs

50
docs citations

50
times ranked

1286
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Cold storage of platelets in <sc>platelet additive solution</sc> maintains mitochondrial integrity by limiting initiation of apoptosis-mediated pathways. <i>Transfusion</i> , 2021, 61, 178-190. | 1.6 | 22 |
| 2 | More sophisticated than a drink cooler or an old sphygmomanometer but still not adequate for prehospital blood: A market review of commercially available equipment for prehospital blood transport and administration. <i>Transfusion</i> , 2021, 61, S286-S293. | 1.6 | 4 |
| 3 | Cold-stored platelets have better preserved contractile function in comparison with room temperature-stored platelets over 21 days. <i>Transfusion</i> , 2021, 61, S68-S79. | 1.6 | 7 |
| 4 | Coagulation function of never frozen liquid plasma stored for 40 days. <i>Transfusion</i> , 2021, 61, S111-S118. | 1.6 | 4 |
| 5 | Platelet Transfusion. , 2021, , 391-428. | | 0 |
| 6 | Trauma Biomarkers in Plasma during the First 24 Hours. <i>Blood</i> , 2021, 138, 591-591. | 1.4 | 0 |
| 7 | Recent advances in use of fresh frozen plasma, cryoprecipitate, immunoglobulins, and clotting factors for transfusion support in patients with hematologic disease. <i>Seminars in Hematology</i> , 2020, 57, 73-82. | 3.4 | 15 |
| 8 | The Immunologic Effect of Early Intravenous Two and Four Gram Bolus Dosing of Tranexamic Acid Compared to Placebo in Patients With Severe Traumatic Bleeding (TAMPITI): A Randomized, Double-Blind, Placebo-Controlled, Single-Center Trial. <i>Frontiers in Immunology</i> , 2020, 11, 2085. | 4.8 | 26 |
| 9 | Effects of refrigerated storage on hemostatic stability of four canine plasma products. <i>American Journal of Veterinary Research</i> , 2020, 81, 964-972. | 0.6 | 7 |
| 10 | Field-expedient thawing of fresh-frozen plasma. <i>Transfusion</i> , 2020, 60, S87-S95. | 1.6 | 1 |
| 11 | Hemostatic Resuscitation. , 2020, , 117-144. | | 0 |
| 12 | Hemostatic characteristics of thawed, pooled cryoprecipitate stored for 35 days at refrigerated and room temperatures. <i>Transfusion</i> , 2019, 59, 1560-1567. | 1.6 | 14 |
| 13 | Evaluation of a lyophilized platelet-derived hemostatic product. <i>Transfusion</i> , 2019, 59, 1490-1498. | 1.6 | 16 |
| 14 | Optimizing whole blood storage: hemostatic function of 35-day stored product in CPD, CP2D, and CPDA-1 anticoagulants. <i>Transfusion</i> , 2019, 59, 1549-1559. | 1.6 | 50 |
| 15 | Freeze-dried plasma mitigates the dilution effects of a hemoglobin-based oxygen carrier (HBOC-201) in a model of resuscitation for hemorrhage and hemodilution. <i>Journal of Trauma and Acute Care Surgery</i> , 2019, 87, S83-S90. | 2.1 | 5 |
| 16 | Spray-dried plasma deficient in high-molecular-weight multimers of von Willebrand factor retains hemostatic properties. <i>Transfusion</i> , 2019, 59, 714-722. | 1.6 | 4 |
| 17 | Effect of Extended Platelet Storage on Platelet Metabolism and Clot Retraction. <i>Blood</i> , 2019, 134, 2450-2450. | 1.4 | 1 |
| 18 | Fibrinogen-Mediated Platelet Microaggregate Formation in Stored Whole Blood. <i>Blood</i> , 2019, 134, 1172-1172. | 1.4 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Functional stability of the TEG 6s hemostasis analyzer under stress. <i>Journal of Trauma and Acute Care Surgery</i> , 2018, 84, S83-S88. | 2.1 | 24 |
| 20 | A metal organic framework reduces thrombus formation and platelet aggregation ex vivo. <i>Journal of Trauma and Acute Care Surgery</i> , 2018, 85, 572-579. | 2.1 | 11 |
| 21 | Extended Storage of Thawed Cryoprecipitate: Responsible and Rational Use of a Scarce Resource. <i>Blood</i> , 2018, 132, 3813-3813. | 1.4 | 0 |
| 22 | Acute traumatic coagulopathy. <i>Journal of Trauma and Acute Care Surgery</i> , 2017, 82, S33-S40. | 2.1 | 33 |
| 23 | Evaluation of adenosine, lidocaine, and magnesium for enhancement of platelet function during storage. <i>Journal of Trauma and Acute Care Surgery</i> , 2017, 83, S9-S15. | 2.1 | 7 |
| 24 | An evaluation of methods for producing low-titer group O whole blood to support military trauma resuscitation. <i>Journal of Trauma and Acute Care Surgery</i> , 2017, 82, S79-S86. | 2.1 | 20 |
| 25 | Tissue injury suppresses fibrinolysis after hemorrhagic shock in nonhuman primates (rhesus) Tj ETQq1 1 0.784314 ^{rgBT /Overlock 10} _{21 28} | | |
| 26 | Volumetric control of whole blood collection in austere environments. <i>Journal of Trauma and Acute Care Surgery</i> , 2017, 82, S26-S32. | 2.1 | 8 |
| 27 | Endothelium-Derived Inhibitors Efficiently Attenuate the Aggregation and Adhesion Responses of Refrigerated Platelets. <i>Shock</i> , 2016, 45, 220-227. | 2.1 | 29 |
| 28 | Bioenergetic profiling of platelet mitochondria during storage: 4Â°C storage extends platelet mitochondrial function and viability. <i>Transfusion</i> , 2016, 56, S76-84. | 1.6 | 65 |
| 29 | Reducing Fibrinogen through Platelet Additive Solutions Improves Mitochondrial Function and Reduces Reactive Oxygen Species in Stored Platelets. <i>Blood</i> , 2016, 128, 1357-1357. | 1.4 | 2 |
| 30 | Both acute delivery of and storage with magnesium sulfate promote cold-stored platelet aggregation and coagulation function. <i>Journal of Trauma and Acute Care Surgery</i> , 2015, 79, S139-S145. | 2.1 | 7 |
| 31 | Gene Expression Profiling Reveals Key Mitochondrial Gene Changes in Stored Platelets. <i>Blood</i> , 2015, 126, 3559-3559. | 1.4 | 2 |
| 32 | In Vitro Assessment of Altered Thrombin-Fibrinogen Interaction As a Mechanism for Acute Traumatic Coagulopathy. <i>Blood</i> , 2015, 126, 1075-1075. | 1.4 | 1 |
| 33 | Comparative Response of Platelet fV and Plasma fV to Activated Protein C and Relevance to a Model of Acute Traumatic Coagulopathy. <i>PLoS ONE</i> , 2014, 9, e99181. | 2.5 | 34 |
| 34 | Refrigerated Platelets Are Superior Compared to Standard-of-Care and Respond to Physiologic Control Mechanisms Under Microfluidic Flow Conditions. <i>Blood</i> , 2014, 124, 2895-2895. | 1.4 | 5 |
| 35 | Synergistic Anticoagulant Effect of Activated Protein C and Tissue Factor Pathway Inhibitor As a Mechanism for Acute Traumatic Coagulopathy. <i>Blood</i> , 2014, 124, 1487-1487. | 1.4 | 0 |
| 36 | Red Blood Cells Preserve Platelet Function and Coagulation From The Effects Of Acidemia. <i>Blood</i> , 2013, 122, 4765-4765. | 1.4 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Activated Protein C Levels Found In Trauma Patients Are Insufficient To Inactivate Platelet Factor Va and Produce Coagulopathy In An In Vitro Model. <i>Blood</i> , 2013, 122, 4767-4767. | 1.4 | 0 |
| 38 | Extracellular and intracellular esterase processing of SCFA hexosamine analogs: Implications for metabolic glycoengineering and drug delivery. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 6929-6933. | 2.2 | 37 |
| 39 | Toxicity of Aluminum Silicates Used in Hemostatic Dressings Toward Human Umbilical Veins Endothelial Cells, HeLa Cells, and RAW267.4 Mouse Macrophages. <i>Journal of Trauma</i> , 2011, 71, 727-732. | 2.3 | 29 |
| 40 | Development of delivery methods for carbohydrate-based drugs: controlled release of biologically-active short chain fatty acid-hexosamine analogs. <i>Glycoconjugate Journal</i> , 2010, 27, 445-459. | 2.7 | 16 |
| 41 | Hexosamine analogs: from metabolic glycoengineering to drug discovery. <i>Current Opinion in Chemical Biology</i> , 2009, 13, 565-572. | 6.1 | 48 |
| 42 | Metabolic glycoengineering: Sialic acid and beyond. <i>Glycobiology</i> , 2009, 19, 1382-1401. | 2.5 | 262 |
| 43 | Hexosamine Template. A Platform for Modulating Gene Expression and for Sugar-Based Drug Discovery. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 2515-2530. | 6.4 | 53 |
| 44 | Targeting Glycosylation Pathways and the Cell Cycle: Sugar-Dependent Activity of Butyrate-Carbohydrate Cancer Prodrugs. <i>Chemistry and Biology</i> , 2006, 13, 1265-1275. | 6.0 | 54 |
| 45 | Oxygen Sensor Based on the Fluorescence Quenching of a Ruthenium Complex Immobilized in a Biocompatible Poly(Ethylene Glycol) Hydrogel. <i>IEEE Sensors Journal</i> , 2004, 4, 728-734. | 4.7 | 66 |
| 46 | <title>Investigation of pH and temperature effects on FRET systems for glucose sensing</title>. , 2002, , . | | 1 |
| 47 | <title>Feasibility of an online fluorescence-based optical sensor for oxygen monitoring in cell-culture media</title>. , 2002, , . | | 3 |
| 48 | Chemical Biology of Cell Surface Oligosaccharides. , 0, , 189-222. | | 0 |