# Thomas J Raife

## List of Publications by Year in descending order

| 16 papers | 831 citations | 933447<br>10 h-index | 996975<br>15 g-index |
|-----------|---------------|---------------------|----------------------|
| 17 all docs | 17 docs citations | 17 times ranked | 1080 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Effects of Red-Cell Storage Duration on Patients Undergoing Cardiac Surgery. New England Journal of Medicine, 2015, 372, 1419-1429. | 27.0 | 422 |
| 2 | The concentration of glutathione in human erythrocytes is a heritable trait. Free Radical Biology and Medicine, 2013, 65, 742-749. | 2.9 | 84 |
| 3 | The heritability of hemolysis in stored human red blood cells. Transfusion, 2015, 55, 1178-1185. | 1.6 | 77 |
| 4 | Heritability of glutathione and related metabolites in stored red blood cells. Free Radical Biology and Medicine, 2014, 76, 107-113. | 2.9 | 63 |
| 5 | The heritability of metabolite concentrations in stored human red blood cells. Transfusion, 2014, 54, 2055-2063. | 1.6 | 59 |
| 6 | Piloting and implementation of quality assessment and quality control procedures in RBCâ€Omics: a large multiâ€center study of red blood cell hemolysis during storage. Transfusion, 2019, 59, 57-66. | 1.6 | 22 |
| 7 | Multi-omics Evidence for Inheritance of Energy Pathways in Red Blood Cells. Molecular and Cellular Proteomics, 2016, 15, 3614-3623. | 3.8 | 18 |
| 8 | Red blood cells contain enzymatically active GPx4 whose abundance anticorrelates with hemolysis during blood bank storage. Redox Biology, 2021, 46, 102073. | 9.0 | 15 |
| 9 | Erythrocyte sphingolipid species as biomarkers of Alzheimer's disease. Journal of Pharmaceutical Analysis, 2022, 12, 178-185. | 5.3 | 12 |
| 10 | The blood utilization calculator, a targetâ€based electronic decision support algorithm, increases the use of singleâ€unit transfusions in a large academic medical center. Transfusion, 2018, 58, 1689-1696. | 1.6 | 11 |
| 11 | Standardization of transfusion practice in organ donors using the Digital Intern, an electronic decision support algorithm. Transfusion, 2017, 57, 1369-1375. | 1.6 | 8 |
| 12 | Outcomes of red blood cell transfusions prescribed in organ donors by the Digital Intern, an electronic decision support algorithm. Transfusion, 2018, 58, 366-371. | 1.6 | 7 |
| 13 | Electronic clinical decision support to facilitate a change in clinical practice: Small details can make or break success. Transfusion, 2020, 60, 1970-1976. | 1.6 | 5 |
| 14 | Bleeding from Acquired Coagulation Defects and Antithrombotic Therapy. , 0, , 376-390. | | 3 |
| 15 | Retrospective cohort studies of repeat donors reveal donorâ€dependent variability in the recovery of transfused platelets. Transfusion, 2020, 60, 1837-1845. | 1.6 | 1 |
| 16 | Multi-Omics Evidence for Inheritance of Energy Pathways in Red Blood Cells. Blood, 2016, 128, 3838-3838. | 1.4 | 0 |