

# Andrea T Obi

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

76  
papers

1,287  
citations

17  
h-index

34  
g-index

94  
ext. papers

1,768  
ext. citations

4.5  
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4.71  
L-index

| #  | Paper   | IF   | Citations |
|----|---|------|-----------|
| 76 | Critical review of mouse models of venous thrombosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2012</b> , 32, 556-62  | 9.4  | 165       |
| 75 | Empirical systemic anticoagulation is associated with decreased venous thromboembolism in critically ill influenza A H1N1 acute respiratory distress syndrome patients. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , <b>2019</b> , 7, 317-324 | 3.2  | 109       |
| 74 | The Emerging Role of NETs in Venous Thrombosis and Immuno-thrombosis. <i>Frontiers in Immunology</i> , <b>2016</b> , 7, 236   | 8.4  | 107       |
| 73 | Validation of the Caprini Venous Thromboembolism Risk Assessment Model in Critically Ill Surgical Patients. <i>JAMA Surgery</i> , <b>2015</b> , 150, 941-8  | 5.4  | 80        |
| 72 | Ly6C Blood Monocyte/Macrophage Drive Chronic Inflammation and Impair Wound Healing in Diabetes Mellitus. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2018</b> , 38, 1102-1114  | 9.4  | 68        |
| 71 | The association of perioperative transfusion with 30-day morbidity and mortality in patients undergoing major vascular surgery. <i>Journal of Vascular Surgery</i> , <b>2015</b> , 61, 1000-9.e1  | 3.5  | 62        |
| 70 | Practical diagnosis and treatment of suspected venous thromboembolism during COVID-19 pandemic. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , <b>2020</b> , 8, 526-534   | 3.2  | 58        |
| 69 | Genome-wide association analysis of venous thromboembolism identifies new risk loci and genetic overlap with arterial vascular disease. <i>Nature Genetics</i> , <b>2019</b> , 51, 1574-1579  | 36.3 | 56        |
| 68 | The Histone Methyltransferase Setdb2 Modulates Macrophage Phenotype and Uric Acid Production in Diabetic Wound Repair. <i>Immunity</i> , <b>2019</b> , 51, 258-271.e5   | 32.3 | 38        |
| 67 | Pathophysiology of varicose veins. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , <b>2017</b> , 5, 460-467  | 3.2  | 34        |
| 66 | Matrix metalloproteinase-9 deletion is associated with decreased mid-term vein wall fibrosis in experimental stasis DVT. <i>Thrombosis Research</i> , <b>2013</b> , 132, 360-6  | 8.2  | 34        |
| 65 | Murine macrophage chemokine receptor CCR2 plays a crucial role in macrophage recruitment and regulated inflammation in wound healing. <i>European Journal of Immunology</i> , <b>2018</b> , 48, 1445-1455   | 6.1  | 30        |
| 64 | Inadequate venous thromboembolism risk stratification predicts venous thromboembolic events in surgical intensive care unit patients. <i>Journal of the American College of Surgeons</i> , <b>2014</b> , 218, 898-904   | 4.4  | 27        |
| 63 | SIRT3 Regulates Macrophage-Mediated Inflammation in Diabetic Wound Repair. <i>Journal of Investigative Dermatology</i> , <b>2019</b> , 139, 2528-2537.e2  | 4.3  | 24        |
| 62 | Sepsis Induces Prolonged Epigenetic Modifications in Bone Marrow and Peripheral Macrophages Impairing Inflammation and Wound Healing. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2019</b> , 39, 2353-2366   | 9.4  | 22        |
| 61 | Age is not a barrier to good outcomes after varicose vein procedures. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , <b>2017</b> , 5, 647-657.e1  | 3.2  | 18        |
| 60 | Development of Team Action Projects in Surgery (TAPS): a multilevel team-based approach to teaching quality improvement. <i>Journal of Surgical Education</i> , <b>2014</b> , 71, 166-8   | 3.4  | 18        |

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| 59 | Outcomes associated with ablation compared to combined ablation and transilluminated powered phlebectomy in the treatment of venous varicosities. <i>Phlebology</i> , <b>2016</b> , 31, 618-24   | 2    | 17 |
| 58 | Endotoxaemia-augmented murine venous thrombosis is dependent on TLR-4 and ICAM-1, and potentiated by neutropenia. <i>Thrombosis and Haemostasis</i> , <b>2017</b> , 117, 339-348   | 7    | 17 |
| 57 | Diagnostic biomarkers in venous thromboembolic disease. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , <b>2016</b> , 4, 508-17   | 3.2  | 17 |
| 56 | Venous thrombosis epidemiology, pathophysiology, and anticoagulant therapies and trials in severe acute respiratory syndrome coronavirus 2 infection. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , <b>2021</b> , 9, 23-35  | 3.2  | 17 |
| 55 | First 10-month results of the Vascular Quality Initiative Varicose Vein Registry. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , <b>2017</b> , 5, 312-320.e2   | 3.2  | 16 |
| 54 | Histone Methylation Directs Myeloid TLR4 Expression and Regulates Wound Healing following Cutaneous Tissue Injury. <i>Journal of Immunology</i> , <b>2019</b> , 202, 1777-1785   | 5.3  | 16 |
| 53 | New Trends in Anticoagulation Therapy. <i>Surgical Clinics of North America</i> , <b>2018</b> , 98, 219-238  | 4    | 15 |
| 52 | Clinical outcomes after varicose vein procedures in octogenarians within the Vascular Quality Initiative Varicose Vein Registry. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , <b>2018</b> , 6, 464-470                     | 3.2  | 13 |
| 51 | Low-molecular-weight heparin modulates vein wall fibrotic response in a plasminogen activator inhibitor 1-dependent manner. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , <b>2014</b> , 2, 441-450.e1 <sup>12</sup>         | 3.2  | 12 |
| 50 | SARS-CoV-2 Spike Protein S1-Mediated Endothelial Injury and Pro-Inflammatory State Is Amplified by Dihydrotestosterone and Prevented by Mineralocorticoid Antagonism. <i>Viruses</i> , <b>2021</b> , 13,   | 6.2  | 10 |
| 49 | Inhibition of macrophage histone demethylase JMJD3 protects against abdominal aortic aneurysms. <i>Journal of Experimental Medicine</i> , <b>2021</b> , 218,   | 16.6 | 10 |
| 48 | Venous Thrombosis and Post-Thrombotic Syndrome: From Novel Biomarkers to Biology. <i>Methodist DeBakey Cardiovascular Journal</i> , <b>2018</b> , 14, 173-181  | 2.1  | 9  |
| 47 | Inflammatory biomarkers in deep venous thrombosis organization, resolution, and post-thrombotic syndrome. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , <b>2020</b> , 8, 299-305  | 3.2  | 8  |
| 46 | Risk Factors Associated with Perioperative Myocardial Infarction in Major Open Vascular Surgery. <i>Annals of Vascular Surgery</i> , <b>2018</b> , 47, 24-30   | 1.7  | 8  |
| 45 | Ly6C <sup>Lo</sup> Monocyte/Macrophages are Essential for Thrombus Resolution in a Murine Model of Venous Thrombosis. <i>Thrombosis and Haemostasis</i> , <b>2020</b> , 120, 289-299   | 7    | 8  |
| 44 | Venous disease patient registries available in the United States. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , <b>2018</b> , 6, 118-125  | 3.2  | 7  |
| 43 | The association of venous thromboembolism chemoprophylaxis timing on venous thromboembolism after major vascular surgery. <i>Journal of Vascular Surgery</i> , <b>2018</b> , 67, 262-271.e1  | 3.5  | 7  |
| 42 | 1D- <sup>1</sup> H-nuclear magnetic resonance metabolomics reveals age-related changes in metabolites associated with experimental venous thrombosis. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , <b>2016</b> , 4, 221-30 | 3.2  | 7  |

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| 41 | Contemporary outcomes after distal vertebral reconstruction. <i>Journal of Vascular Surgery</i> , <b>2013</b> , 58, 1523-5   | 3.7  | 7 |
| 40 | Estimating minimum program volume needed to train surgeons: when 4 $\neq$ 5 really equals 90. <i>Journal of Surgical Education</i> , <b>2015</b> , 72, 61-7  | 3.4  | 7 |
| 39 | Inferior vena cava filter placement before ECMO decannulation. <i>ASAIO Journal</i> , <b>2012</b> , 58, 622-5  | 3.6  | 7 |
| 38 | Alterations in macrophage phenotypes in experimental venous thrombosis. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , <b>2016</b> , 4, 463-71   | 3.2  | 7 |
| 37 | A prospective evaluation of standard versus battery-powered sequential compression devices in postsurgical patients. <i>American Journal of Surgery</i> , <b>2015</b> , 209, 675-81  | 2.7  | 6 |
| 36 | Achieving Accreditation Council for Graduate Medical Education duty hours compliance within advanced surgical training: a simulation-based feasibility assessment. <i>American Journal of Surgery</i> , <b>2015</b> , 210, 947-50.e1                 | 2.7  | 6 |
| 35 | Epigenetic Regulation of TLR4 in Diabetic Macrophages Modulates Immunometabolism and Wound Repair. <i>Journal of Immunology</i> , <b>2020</b> , 204, 2503-2513   | 5.3  | 6 |
| 34 | Assessing the academic influence of vascular surgeons within the National Institutes of Health iCite database. <i>Journal of Vascular Surgery</i> , <b>2020</b> , 71, 1741-1748.e2   | 3.5  | 6 |
| 33 | Gram-Negative Pneumonia Alters Large-Vein Cell-Adhesion Molecule Profile and Potentiates Experimental Stasis Venous Thrombosis. <i>Journal of Vascular Research</i> , <b>2016</b> , 53, 186-195  | 1.9  | 6 |
| 32 | Coronavirus induces diabetic macrophage-mediated inflammation via SETDB2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,  | 11.5 | 6 |
| 31 | Update in venous thromboembolism pathophysiology, diagnosis, and treatment for surgical patients. <i>Current Problems in Surgery</i> , <b>2015</b> , 52, 233-59  | 2.8  | 5 |
| 30 | A systematic update on the state of novel anticoagulants and a primer on reversal and bridging. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , <b>2013</b> , 1, 418-26   | 3.2  | 5 |
| 29 | Venous Thromboembolism in Patients with Thermal Injury: A Review of Risk Assessment Tools and Current Knowledge on the Effectiveness and Risks of Mechanical and Chemical Prophylaxis. <i>Clinics in Plastic Surgery</i> , <b>2017</b> , 44, 573-581 | 3    | 4 |
| 28 | Report from the 2013 meeting of the International Compression Club on advances and challenges of compression therapy. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , <b>2014</b> , 2, 469-76                                   | 3.2  | 4 |
| 27 | Insights from experimental post-thrombotic syndrome and potential for novel therapies. <i>Translational Research</i> , <b>2020</b> , 225, 95-104   | 11   | 3 |
| 26 | Closed plication is a safe and effective method for treating popliteal vein aneurysm. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , <b>2021</b> , 9, 187-192  | 3.2  | 3 |
| 25 | Effect of concomitant deep venous reflux on truncal endovenous ablation outcomes in the Vascular Quality Initiative. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , <b>2021</b> , 9, 361-368.e3                                | 3.3  | 3 |
| 24 | Bleeding and thrombotic outcomes associated with postoperative use of direct oral anticoagulants after open peripheral artery bypass procedures. <i>Journal of Vascular Surgery</i> , <b>2020</b> , 72, 1996-2005.e4                                 | 3.5  | 2 |

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|----|---|------|---|
| 23 | The natural history and outcomes of line-associated upper extremity deep venous thromboses in critically ill patients. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , <b>2017</b> , 5, 630-637                                | 3.2  | 2 |
| 22 | A narrative review on the epidemiology, prevention, and treatment of venous thromboembolic events in the context of chronic venous disease. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , <b>2021</b> , 9, 1557-1567         | 3.2  | 2 |
| 21 | Outcomes after truncal ablation with or without concomitant phlebectomy for isolated symptomatic varicose veins (C2 disease). <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , <b>2021</b> , 9, 369-376                         | 3.2  | 2 |
| 20 | Elastic compression stockings: the jury is still out. <i>Lancet Haematology</i> , <b>2016</b> , 3, e262-3   | 14.6 | 1 |
| 19 | Novel E-Selectin Antagonist GMI-1271 Decreases Venous Thrombosis without Increased Bleeding Potential in a Mouse Model. <i>Blood</i> , <b>2012</b> , 120, 3422-3422   | 2.2  | 1 |
| 18 | Peripheral Venous Disease: Varicose Veins and Chronic Venous Insufficiency <b>2015</b> , 4305-4335  |      | 1 |
| 17 | Computer Modeling to Evaluate the Impact of Technology Changes on Resident Procedural Volume. <i>Journal of Graduate Medical Education</i> , <b>2016</b> , 8, 713-718   | 1.6  | 1 |
| 16 | Aggressive Phenotype of Intravascular Lymphoma Relative to Other Malignant Intraabdominal Tumors Requiring Vascular Reconstruction. <i>Annals of Vascular Surgery</i> , <b>2019</b> , 54, 72-83   | 1.7  | 1 |
| 15 | Comparison of unilateral vs bilateral and staged bilateral vs concurrent bilateral truncal endovenous ablation in the Vascular Quality Initiative. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , <b>2021</b> , 9, 113-121.e3 | 3.2  | 1 |
| 14 | The Management of Venous Thromboembolic Disease: New Trends in Anticoagulant Therapy. <i>Advances in Surgery</i> , <b>2018</b> , 52, 43-56  | 1.2  | 1 |
| 13 | Peripheral Venous Disease: Varicose Veins and Chronic Venous Insufficiency <b>2014</b> , 1-36   |      | 0 |
| 12 | Flow dynamics, false lumens and implications for endografting. <i>Journal of Vascular Surgery</i> , <b>2020</b> , 71, 2119-2120   | 3.5  |   |
| 11 | Invited commentary. <i>Journal of Vascular Surgery</i> , <b>2018</b> , 67, 299  | 3.5  |   |
| 10 | Invited commentary. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , <b>2018</b> , 6, 448-449   | 3.2  |   |
| 9  | Reply. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , <b>2020</b> , 8, 899-900  | 3.2  |   |
| 8  | Recognizing the evolving and beneficial role of regulatory T cells in aneurysm growth. <i>Journal of Vascular Surgery</i> , <b>2020</b> , 72, 1097  | 3.5  |   |
| 7  | Calf muscle pump dysfunction and VTE risk. <i>Blood</i> , <b>2021</b> , 137, 3161-3162  | 2.2  |   |
| 6  | Reply. <i>Journal of Vascular Surgery</i> , <b>2016</b> , 63, 298-9   | 3.5  |   |

- 5 Postoperative Urinary Retention is Common After Carotid Endarterectomy but is not Associated with Increased Length of Stay or Incidence of Urinary Tract Infections. *European Journal of Vascular and Endovascular Surgery*, **2019**, 58, e530-e531 2.3
- 4 Management and treatment outcomes of patients undergoing endovenous ablation are significantly different between Intersocietal Accreditation Commission-accredited and nonaccredited vein centers. *Journal of Vascular Surgery: Venous and Lymphatic Disorders*, **2021**, 9, 346-351 3.2
- 3 Advances in understanding the interplay between adaptive and innate immunity in experimental venous thrombus resolution. *Journal of Thrombosis and Haemostasis*, **2021**, 19, 1387-1389 15.4
- 2 The operating room may be hazardous to your health.. *Journal of Vascular Surgery*, **2022**, 75, 1437-1438 3.5
- 1 Venous diseases including thromboembolic phenomena **2022**, 377-390