

Harriet W Hopf

List of Publications by Year in descending order

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67
papers

2,237
citations

235060

24
h-index

209287

46
g-index

70
all docs

70
docs citations

70
times ranked

2069
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Effect of Hyperoxia on Vascular Endothelial Growth Factor Levels in a Wound Model. Archives of Surgery, 2000, 135, 1293-1297. | 2.4 | 255 |
| 2 | Hyperoxia and angiogenesis. Wound Repair and Regeneration, 2005, 13, 558-564. | 3.2 | 188 |
| 3 | Oxygen Reverses Deficits of Cognitive Function and Memory and Increased Heart Rate Induced by Acute Severe Isovolemic Anemia. Anesthesiology, 2002, 96, 871-877. | 2.7 | 159 |
| 4 | Centrally and locally mediated thermoregulatory responses alter subcutaneous oxygen tension. Wound Repair and Regeneration, 1996, 4, 339-345. | 3.2 | 114 |
| 5 | Wounds: An Overview of the Role of Oxygen. Antioxidants and Redox Signaling, 2007, 9, 1183-1192. | 5.4 | 112 |
| 6 | Guidelines for the treatment of arterial insufficiency ulcers. Wound Repair and Regeneration, 2006, 14, 693-710. | 3.2 | 102 |
| 7 | Using Physiology to Improve Surgical Wound Outcomes. Plastic and Reconstructive Surgery, 2006, 117, 59S-71S. | 1.6 | 91 |
| 8 | Local Radiant Heating Increases Subcutaneous Oxygen Tension. American Journal of Surgery, 1998, 175, 33-37. | 1.7 | 83 |
| 9 | Acute isovolemic anemia impairs central processing as determined by P300 latency. Clinical Neurophysiology, 2005, 116, 1028-1032. | 2.0 | 72 |
| 10 | Brain Tissue Oxygenation during Hemorrhagic Shock, Resuscitation, and Alterations in Ventilation. Journal of Trauma and Acute Care Surgery, 1999, 46, 261-267. | 2.2 | 67 |
| 11 | Preclinical Models of Wound Healing: Is Man the Model? Proceedings of the Wound Healing Society Symposium. Advances in Wound Care, 2013, 2, 1-4. | 5.3 | 63 |
| 12 | Quantitative tissue oxygen measurement in multiple organs using ¹⁹ F MRI in a rat model. Magnetic Resonance in Medicine, 2011, 66, 1722-1730. | 3.1 | 59 |
| 13 | Hyperoxia improves microvascular perfusion in a murine wound model. Wound Repair and Regeneration, 2005, 13, 303-308. | 3.2 | 58 |
| 14 | Subcutaneous Perfusion and Oxygen During Acute Severe Isovolemic Hemodilution in Healthy Volunteers. Archives of Surgery, 2000, 135, 1443. | 2.4 | 51 |
| 15 | Adjuncts to preparing wounds for closure. Foot and Ankle Clinics, 2001, 6, 661-682. | 1.3 | 48 |
| 16 | Hyperoxia and infection. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2008, 22, 553-569. | 4.3 | 46 |
| 17 | Balancing Infection Control and Environmental Protection as a Matter of Patient Safety: The Case of Laryngoscope Handles. Anesthesia and Analgesia, 2018, 127, 576-579. | 2.4 | 44 |
| 18 | Perioperative Collagen Deposition in Elderly and Young Men and Women. Archives of Surgery, 2000, 135, 71. | 2.4 | 42 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Women, Minorities, and Leadership in Anesthesiology: Take the Pledge. <i>Anesthesia and Analgesia</i> , 2017, 124, 1394-1396. | 2.4 | 40 |
| 20 | Molecular diagnostics of injury and repair responses in critical illness: What is the future of monitoring in the intensive care unit?. <i>Critical Care Medicine</i> , 2003, 31, S518-S523. | 0.9 | 29 |
| 21 | Wound healing society 2014 update on guidelines for arterial ulcers. <i>Wound Repair and Regeneration</i> , 2016, 24, 127-135. | 3.2 | 29 |
| 22 | WHO Needs High FIO2?. <i>Turkish Journal of Anaesthesiology and Reanimation</i> , 2017, 45, 181-192. | 0.8 | 28 |
| 23 | High Oxygen Partial Pressure Decreases Anemia-induced Heart Rate Increase Equivalent to Transfusion. <i>Anesthesiology</i> , 2011, 115, 492-498. | 2.7 | 27 |
| 24 | Acute Isovolemic Anemia Does Not Impair Peripheral or Central Nerve Conduction. <i>Anesthesiology</i> , 2003, 99, 546-551. | 2.7 | 26 |
| 25 | HBO and gas embolism. <i>Neurological Research</i> , 2007, 29, 142-145. | 1.4 | 24 |
| 26 | Use of Tissue Oxygen Tension Measurements during Resuscitation from Hemorrhagic Shock. <i>Journal of Trauma and Acute Care Surgery</i> , 1997, 42, 608-616. | 2.2 | 24 |
| 27 | How heel oxygenation changes under pressure. <i>Wound Repair and Regeneration</i> , 2007, 15, 786-794. | 3.2 | 23 |
| 28 | Monitoring Partial and Full Venous Outflow Compromise in a Rabbit Skin Flap Model. <i>Plastic and Reconstructive Surgery</i> , 2009, 124, 796-803. | 1.6 | 22 |
| 29 | Is It Time to Retire High-concentration Nitrous Oxide?. <i>Anesthesiology</i> , 2007, 107, 200-201. | 2.7 | 21 |
| 30 | Perioperative Temperature Management. <i>Anesthesiology</i> , 2015, 122, 229-230. | 2.7 | 20 |
| 31 | Evaluating gender parity in operative experience for otolaryngology residencies in the United States. <i>Laryngoscope</i> , 2020, 130, 1651-1656. | 2.1 | 20 |
| 32 | Guidelines for the prevention of lower extremity arterial ulcers. <i>Wound Repair and Regeneration</i> , 2008, 16, 175-188. | 3.2 | 19 |
| 33 | Noninvasive Assessment of Wound-Healing Angiogenesis with Contrast-Enhanced MRI. <i>Academic Radiology</i> , 2002, 9, S145-S147. | 2.4 | 17 |
| 34 | High Intraoperative Inspired Oxygen Does Not Increase Postoperative Supplemental Oxygen Requirements. <i>Anesthesiology</i> , 2012, 117, 271-279. | 2.7 | 15 |
| 35 | Representation of women plenary speakers at the American Academy of Neurology Annual Meeting. <i>Neurology</i> , 2020, 95, e3045-e3059. | 1.1 | 15 |
| 36 | Reducing Perioperative Infection Is as Simple as Washing Your Hands. <i>Anesthesiology</i> , 2009, 110, 959-960. | 2.7 | 14 |

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|----|---|-----|-----------|
| 37 | Development of subcutaneous wound oxygen measurement in humans: Contributions of Thomas K. Hunt, MD. <i>Wound Repair and Regeneration</i> , 2003, 11, 424-430. | 3.2 | 13 |
| 38 | Paradigm of the injury-repair continuum during critical illness. <i>Critical Care Medicine</i> , 2003, 31, S493-S495. | 0.9 | 13 |
| 39 | Changes in Heel Skin Temperature under Pressure in Hip Surgery Patients. <i>Advances in Skin and Wound Care</i> , 2011, 24, 562-570. | 1.0 | 13 |
| 40 | Increased fluid intake does not augment capacity to lay down new collagen in nursing home residents at risk for pressure ulcers: A randomized, controlled clinical trial. <i>Wound Repair and Regeneration</i> , 2009, 17, 780-788. | 3.2 | 12 |
| 41 | High Inspired Oxygen Fraction and Surgical Site Infection. <i>JAMA - Journal of the American Medical Association</i> , 2009, 302, 1588. | 7.0 | 11 |
| 42 | Bacterial Reservoirs in the Operating Room. <i>Anesthesia and Analgesia</i> , 2015, 120, 700-702. | 2.4 | 11 |
| 43 | Distant Healing of Surgical Wounds: An Exploratory Study. <i>Explore: the Journal of Science and Healing</i> , 2012, 8, 223-230. | 1.2 | 9 |
| 44 | Supplemental Oxygen and Risk of Surgical Site Infection. <i>JAMA - Journal of the American Medical Association</i> , 2004, 291, 1956. | 7.0 | 9 |
| 45 | THE ROLE OF NITRIC OXIDE IN SUBCUTANEOUS AND TRANSMURAL GLUT TISSUE OXYGENATION. <i>Shock</i> , 1996, 5, 341-343. | 2.1 | 8 |
| 46 | Empiric evidence for a genetic contribution to predisposition to surgical site infection. <i>Wound Repair and Regeneration</i> , 2013, 21, 211-215. | 3.2 | 8 |
| 47 | The link between tissue oxygen and hydration in nursing home residents with pressure ulcers: Preliminary data. <i>Journal of Wound, Ostomy and Continence Nursing</i> , 2003, 30, 184-190. | 1.1 | 7 |
| 48 | The Link Between Tissue Oxygen and Hydration in Nursing Home Residents With Pressure Ulcers. <i>Journal of Wound, Ostomy and Continence Nursing</i> , 2003, 30, 184-190. | 1.1 | 7 |
| 49 | Preventing Opioid-Induced Postoperative Hypoxemia. <i>Anesthesia and Analgesia</i> , 2016, 123, 1356-1358. | 2.4 | 7 |
| 50 | Facilitating Positive Outcomes in Older Adults with Wounds. <i>Nursing Clinics of North America</i> , 2005, 40, 267-279. | 1.4 | 6 |
| 51 | Selection of Bundle Components. <i>Archives of Surgery</i> , 2011, 146, 1220. | 2.4 | 6 |
| 52 | Measuring Oxygen in Wounds. <i>Methods in Enzymology</i> , 2004, 381, 539-564. | 1.7 | 5 |
| 53 | Perflubron emulsion increases subcutaneous tissue oxygen tension in rats. <i>Wound Repair and Regeneration</i> , 2006, 14, 55-60. | 3.2 | 5 |
| 54 | Oxygen and the Basic Mechanisms of Wound Healing. , 2008, , 203-228. | | 4 |

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|----|--|-----|-----------|
| 55 | A Proposal to Minimize Work Area Contamination during Induction. <i>Anesthesiology</i> , 2012, 116, 712-712. | 2.7 | 3 |
| 56 | Use of Disposable Perioperative Jackets and Surgical Site Infections. <i>JAMA Surgery</i> , 2020, 155, 453. | 4.5 | 2 |
| 57 | Methods of Measuring Oxygen in Wounds. , 2003, 78, 389-416. | | 1 |
| 58 | Need for Outcomes Data in Pain Studies. <i>Journal of the American College of Surgeons</i> , 2015, 220, 374. | 0.5 | 1 |
| 59 | Physiology to Improve Surgical Wound Outcomes. <i>Plastic and Reconstructive Surgery</i> , 2007, 119, 1957-1958. | 1.6 | 0 |
| 60 | Adrian Barbul, MD: 2012 Recipient of the Wound Healing Society's Lifetime Achievement Award. <i>Wound Repair and Regeneration</i> , 2012, 20, 617-617. | 3.2 | 0 |
| 61 | Intraoperative Management and Pressure Ulcers. <i>Critical Care Medicine</i> , 2014, 42, 199-200. | 0.9 | 0 |
| 62 | A mathematical model of the use of supplemental oxygen to combat surgical site infection. <i>Journal of Theoretical Biology</i> , 2019, 466, 11-23. | 1.7 | 0 |
| 63 | “The Adjunct Faculty Are Our Lifeblood”. <i>Family Medicine</i> , 2021, 53, 133-138. | 0.6 | 0 |
| 64 | Recruitment of Women to Anesthesiology: Parallels to Surgery and Interventional Radiology. <i>Journal of Surgical Education</i> , 2021, 78, 753-754. | 2.5 | 0 |
| 65 | Accuracy of a Polarographic Electrode at High Oxygen Concentrations. <i>Advances in Experimental Medicine and Biology</i> , 2003, 510, 169-173. | 9.0 | 0 |
| 66 | Where and How Does the Anesthetic Process Help or Hurt Patients Independent of Producing Anesthesia?. , 2014, , 557-568. | | 0 |
| 67 | Wound Healing Society 2023 update on guidelines for arterial ulcers. <i>Wound Repair and Regeneration</i> , 0, , . | 3.2 | 0 |