

Peter Lindholm

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

1,640
citations

430442

18
h-index

315357

38
g-index

72
all docs

72
docs citations

72
times ranked

1619
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Evaluation of Combined Artificial Intelligence and Radiologist Assessment to Interpret Screening Mammograms. <i>JAMA Network Open</i> , 2020, 3, e200265. | 2.8 | 236 |
| 2 | The physiology and pathophysiology of human breath-hold diving. <i>Journal of Applied Physiology</i> , 2009, 106, 284-292. | 1.2 | 198 |
| 3 | Effect of artificial intelligence-based triaging of breast cancer screening mammograms on cancer detection and radiologist workload: a retrospective simulation study. <i>The Lancet Digital Health</i> , 2020, 2, e468-e474. | 5.9 | 122 |
| 4 | Comparison of a Deep Learning Risk Score and Standard Mammographic Density Score for Breast Cancer Risk Prediction. <i>Radiology</i> , 2020, 294, 265-272. | 3.6 | 98 |
| 5 | Effect of Combination of Paracetamol (Acetaminophen) and Ibuprofen vs Either Alone on Patient-Controlled Morphine Consumption in the First 24 Hours After Total Hip Arthroplasty. <i>JAMA - Journal of the American Medical Association</i> , 2019, 321, 562. | 3.8 | 97 |
| 6 | Oxygen-conserving effects of apnea in exercising men. <i>Journal of Applied Physiology</i> , 1999, 87, 2122-2127. | 1.2 | 63 |
| 7 | Transpulmonary pressures and lung mechanics with glossopharyngeal insufflation and exsufflation beyond normal lung volumes in competitive breath-hold divers. <i>Journal of Applied Physiology</i> , 2007, 102, 841-846. | 1.2 | 62 |
| 8 | Studies on inspiratory and expiratory glossopharyngeal breathing in breath-hold divers employing magnetic resonance imaging and spirometry. <i>European Journal of Applied Physiology</i> , 2005, 94, 646-651. | 1.2 | 61 |
| 9 | A Multi-million Mammography Image Dataset and Population-Based Screening Cohort for the Training and Evaluation of Deep Neural Networks—the Cohort of Screen-Aged Women (CSAW). <i>Journal of Digital Imaging</i> , 2020, 33, 408-413. | 1.6 | 46 |
| 10 | Identification of Women at High Risk of Breast Cancer Who Need Supplemental Screening. <i>Radiology</i> , 2020, 297, 327-333. | 3.6 | 40 |
| 11 | Pulmonary edema and hemoptysis after breath-hold diving at residual volume. <i>Journal of Applied Physiology</i> , 2008, 104, 912-917. | 1.2 | 38 |
| 12 | Glossopharyngeal pistoning for lung insufflation in patients with cervical spinal cord injury. <i>Spinal Cord</i> , 2009, 47, 418-422. | 0.9 | 33 |
| 13 | Role of hypoxemia for the cardiovascular responses to apnea during exercise. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2002, 283, R1227-R1235. | 0.9 | 32 |
| 14 | Pulmonary gas exchange during apnoea in exercising men. <i>European Journal of Applied Physiology</i> , 2002, 86, 487-491. | 1.2 | 32 |
| 15 | Do radiologists detect chronic thromboembolic disease on computed tomography?. <i>Acta Radiologica</i> , 2019, 60, 1576-1583. | 0.5 | 29 |
| 16 | Effects of Glossopharyngeal Pistoning for Lung Insufflation in Elite Swimmers. <i>Medicine and Science in Sports and Exercise</i> , 2007, 39, 836-841. | 0.2 | 21 |
| 17 | Tissue oxygenation measured with near-infrared spectroscopy during normobaric and hyperbaric oxygen breathing in healthy subjects. <i>European Journal of Applied Physiology</i> , 2010, 109, 757-761. | 1.2 | 21 |
| 18 | Range of Radiologist Performance in a Population-based Screening Cohort of 1 Million Digital Mammography Examinations. <i>Radiology</i> , 2020, 297, 33-39. | 3.6 | 21 |

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|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Pulse oximetry to detect hypoxemia during apnea: comparison of finger and ear probes. <i>Aviation, Space, and Environmental Medicine</i> , 2007, 78, 770-3. | 0.6 | 20 |
| 20 | Aggravated hypoxia during breath-holds after prolonged exercise. <i>European Journal of Applied Physiology</i> , 2005, 93, 701-707. | 1.2 | 19 |
| 21 | Glossopharyngeal pistoning for lung insufflation in children with spinal muscular atrophy type II. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2009, 98, 1324-1328. | 0.7 | 17 |
| 22 | Can hyperbaric oxygen safely serve as an anti-inflammatory treatment for COVID-19?. <i>Medical Hypotheses</i> , 2020, 144, 110224. | 0.8 | 17 |
| 23 | The future of breast cancer screening: what do participants in a breast cancer screening program think about automation using artificial intelligence?. <i>Acta Radiologica Open</i> , 2019, 8, 205846011988031. | 0.3 | 16 |
| 24 | Effects of Glossopharyngeal Pistoning for Lung Insufflation on Vital Capacity in Healthy Women. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2007, 86, 290-294. | 0.7 | 15 |
| 25 | Effects of fasting and carbohydrate consumption on voluntary resting apnea duration. <i>European Journal of Applied Physiology</i> , 2007, 100, 417-425. | 1.2 | 15 |
| 26 | Venous gas emboli and exhaled nitric oxide with simulated and actual extravehicular activity. <i>Respiratory Physiology and Neurobiology</i> , 2009, 169, S59-S62. | 0.7 | 15 |
| 27 | Incidence and Impact of Swimming-Induced Pulmonary Edema on Navy SEAL Candidates. <i>Chest</i> , 2021, 159, 1934-1941. | 0.4 | 15 |
| 28 | Comparison of End-Expiration Versus End-Inspiration Breath-Holds With Respect to Respiratory Motion Artifacts on T1-Weighted Abdominal MRI. <i>American Journal of Roentgenology</i> , 2019, 212, 1024-1029. | 1.0 | 14 |
| 29 | Local Anaesthetic Wound Infiltration after Internal Fixation of Femoral Neck Fractures: A Randomized, Double-Blind Clinical Trial in 33 Patients. <i>HIP International</i> , 2011, 21, 251-259. | 0.9 | 13 |
| 30 | DEXA-2-ETKA-DEXamethasone twice for pain treatment after Total Knee Arthroplasty: A protocol for a randomized, blinded, three-group multicentre clinical trial. <i>Acta Anaesthesiologica Scandinavica</i> , 2020, 64, 267-275. | 0.7 | 13 |
| 31 | Inhalation heterogeneity from subresidual volumes in elite divers. <i>Journal of Applied Physiology</i> , 2010, 109, 1969-1973. | 1.2 | 12 |
| 32 | Effects of hyperbaric oxygen on nitric oxide generation in humans. <i>Nitric Oxide - Biology and Chemistry</i> , 2015, 44, 88-97. | 1.2 | 12 |
| 33 | A fluoroscopic and laryngoscopic study of glossopharyngeal insufflation and exsufflation. <i>Respiratory Physiology and Neurobiology</i> , 2009, 167, 189-194. | 0.7 | 11 |
| 34 | Detection of pulmonary embolism using repeated MRI acquisitions without respiratory gating: a preliminary study. <i>Acta Radiologica</i> , 2017, 58, 272-278. | 0.5 | 11 |
| 35 | Transient ischemic attacks from arterial gas embolism induced by glossopharyngeal insufflation and a possible method to identify individuals at risk. <i>European Journal of Applied Physiology</i> , 2013, 113, 803-810. | 1.2 | 10 |
| 36 | Effects of dietary inorganic nitrate on static and dynamic breath-holding in humans. <i>Respiratory Physiology and Neurobiology</i> , 2013, 185, 339-348. | 0.7 | 10 |

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|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Musculoskeletal Pain and Related Risks in Skydivers: A Population-Based Survey. <i>Aviation, Space, and Environmental Medicine</i> , 2013, 84, 1034-1040. | 0.6 | 10 |
| 38 | Randomised, controlled, open label, multicentre clinical trial to explore safety and efficacy of hyperbaric oxygen for preventing ICU admission, morbidity and mortality in adult patients with COVID-19. <i>BMJ Open</i> , 2021, 11, e046738. | 0.8 | 10 |
| 39 | The Host-Microbiome Response to Hyperbaric Oxygen Therapy in Ulcerative Colitis Patients. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2022, 14, 35-53. | 2.3 | 10 |
| 40 | Neck muscle activity in skydivers during parachute opening shock. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2016, 26, 307-316. | 1.3 | 8 |
| 41 | Aerobic efficiency is associated with the improvement in maximal power output during acute hyperoxia. <i>Physiological Reports</i> , 2017, 5, e13119. | 0.7 | 8 |
| 42 | Acute effects of glossopharyngeal insufflation in people with cervical spinal cord injury. <i>Journal of Spinal Cord Medicine</i> , 2018, 41, 85-90. | 0.7 | 8 |
| 43 | DEX ® α -TKA α -DEXamethasone twice for pain treatment after Total Knee Arthroplasty: Detailed statistical analysis plan for a randomized, blinded, three ® group multicentre clinical trial. <i>Acta Anaesthesiologica Scandinavica</i> , 2020, 64, 839-846. | 0.7 | 8 |
| 44 | Diving after SARS-CoV-2 (COVID-19) infection: Fitness to dive assessment and medical guidance. <i>Diving and Hyperbaric Medicine</i> , 2020, 50, 278-287. | 0.2 | 8 |
| 45 | Decelerations and Muscle Responses During Parachute Opening Shock. <i>Aviation, Space, and Environmental Medicine</i> , 2013, 84, 1205-1210. | 0.6 | 7 |
| 46 | From Ocean Deep to Mountain High: Similar Computed Tomography Findings in Immersion and High-Altitude Pulmonary Edema. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 1088-1089. | 2.5 | 7 |
| 47 | Abnormal Pulmonary Venous Filling: An Adjunct Feature in the Computed Tomography Pulmonary Angiogram Assessment of Chronic Thromboembolic Pulmonary Hypertension. <i>Journal of the American Heart Association</i> , 2020, 9, e018075. | 1.6 | 7 |
| 48 | Time components of circulatory transport from the lungs to a peripheral artery in humans. <i>European Journal of Applied Physiology</i> , 2006, 97, 96-102. | 1.2 | 5 |
| 49 | Primary diagnosis of pulmonary embolism with unenhanced MRI for patients not eligible for CTPA: Clinical outcome. <i>European Journal of Radiology Open</i> , 2019, 6, 315-319. | 0.7 | 5 |
| 50 | Influence of Hyperoxic-Supplemented High-Intensity Interval Training on Hemotological and Muscle Mitochondrial Adaptations in Trained Cyclists. <i>Frontiers in Physiology</i> , 2019, 10, 730. | 1.3 | 5 |
| 51 | A Portable Device for Intermittent Oxygen Supplementation during High-Intensity Exercise. <i>Journal of Biomedical Science and Engineering</i> , 2017, 10, 304-316. | 0.2 | 5 |
| 52 | Marked pericardial inhomogeneity of specific ventilation at total lung capacity and beyond. <i>Respiratory Physiology and Neurobiology</i> , 2009, 169, 44-49. | 0.7 | 3 |
| 53 | How to train radiology residents to diagnose pulmonary embolism using a dedicated MRI protocol. <i>Acta Radiologica Open</i> , 2017, 6, 205846011773424. | 0.3 | 3 |
| 54 | Pulmonary artery imaging under free ® breathing using golden ® angle radial b SSFP MRI : a proof of concept. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 1847-1856. | 1.9 | 3 |

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| 55 | Diving after SARS-CoV-2 (COVID-19) infection: Fitness to dive assessment and medical guidance. <i>Diving and Hyperbaric Medicine</i> , 2020, 50, 278-287. | 0.2 | 3 |
| 56 | Effects of Glossopharyngeal Insufflation in Ankylosing Spondylitis: A Pilot Study. <i>International Journal of Rheumatology</i> , 2014, 2014, 1-6. | 0.9 | 2 |
| 57 | Decelerations of Parachute Opening Shock in Skydivers. <i>Aerospace Medicine and Human Performance</i> , 2017, 88, 121-127. | 0.2 | 2 |
| 58 | The Intralobular Gradient as Seen in Re-Expansion Pulmonary Edema. <i>Radiology: Cardiothoracic Imaging</i> , 2019, 1, e190084. | 0.9 | 2 |
| 59 | Prolonged syncope with multifactorial pulmonary oedema related to dry apnoea training: Safety concerns in unsupervised dry static apnoea. <i>Diving and Hyperbaric Medicine</i> , 2021, 51, 210-215. | 0.2 | 2 |
| 60 | Bone and Soft Tissue Blood Flow during Normobaric and Hyperbaric Oxygen Breathing in Healthy Divers. <i>Journal of Biomedical Science and Engineering</i> , 2014, 07, 973-981. | 0.2 | 1 |
| 61 | Nitrox permits direct exit for attendants during extended hyperbaric oxygen treatment. <i>Undersea and Hyperbaric Medicine</i> , 2012, 39, 605-12. | 0.1 | 1 |
| 62 | Diving after COVID-19: an update to fitness to dive assessment and medical guidance. <i>Diving and Hyperbaric Medicine</i> , 2022, 52, 66-67. | 0.2 | 1 |
| 63 | Lemierre's syndrome caused by <i>Fusobacterium necrophorum</i> complicated with multiple brain abscesses—A case report, literature review, and suggested management. <i>Clinical Case Reports (discontinued)</i> , 2021, 9, e05142. | 0.2 | 1 |
| 64 | Diffusion-weighted imaging in acute pulmonary embolism: a feasibility study. <i>Acta Radiologica Open</i> , 2018, 7, 205846011878301. | 0.3 | 0 |
| 65 | Effects of Fasting and Carbohydrate Replenishment on Voluntary Apnea Duration in Resting Humans. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, S384. | 0.2 | 0 |
| 66 | Baseline plasma cGMP levels correlates with breath hold capacity in competitive breath hold divers. <i>FASEB Journal</i> , 2012, 26, 1082.8. | 0.2 | 0 |
| 67 | Intermittent oxygen inhalation increase maximal workload and maximal heart rate in elite athletes. <i>FASEB Journal</i> , 2013, 27, . | 0.2 | 0 |
| 68 | Effects Of Hyperoxic-Supplemented High Intensity Interval Training On Endurance Performance, Maximal Oxygen Consumption And Mitochondrial Function In Trained Cyclists. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 463-464. | 0.2 | 0 |
| 69 | Investigation of a demand-controlled rebreather in connection with a diving accident. <i>Undersea and Hyperbaric Medicine</i> , 2011, 38, 61-72. | 0.1 | 0 |
| 70 | An echo from the past: Building a Doppler repository for big data in diving research. <i>Undersea and Hyperbaric Medicine</i> , 2021, 48, 57-58. | 0.1 | 0 |
| 71 | Point-of-care ultrasound in a multiplace hyperbaric chamber. <i>Undersea and Hyperbaric Medicine</i> , 2021, 48, 221-226. | 0.1 | 0 |