## Lars Lonn

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10566844/publications.pdf

Version: 2024-02-01

91884 76326 5,171 121 40 69 citations h-index g-index papers 122 122 122 5849 docs citations times ranked citing authors all docs

#	Article	IF	Citations
1	Pressure Difference Estimation in Non-stenotic Carotid Bifurcation Phantoms Using Vector Flow Imaging. Ultrasound in Medicine and Biology, 2022, 48, 346-357.	1.5	2
2	Assessment of Liver Fat: Dual-Energy CT versus Conventional CT with and without Contrast. Diagnostics, 2022, 12, 708.	2.6	7
3	Prostatic artery embolization in men with severe hemophilia a: a case report of two patients. CVIR Endovascular, 2022, 5, 21.	1.1	O
4	Regarding "Definition of Proficiency Level by a Virtual Simulator as a First Step Toward a Curriculum on Fundamental Skills for Endovascular Aneurysm Repair (EVAR)― Journal of Surgical Education, 2021, 78, 302-303.	2.5	0
5	Developing a tool to assess competence in resuscitative endovascular balloon occlusion of the aorta: An international Delphi consensus study. Journal of Trauma and Acute Care Surgery, 2021, 91, 310-317.	2.1	5
6	Endovascular Treatment of Chronic and Acute on Chronic Mesenteric Ischaemia: Results From a National Cohort of 245 Cases. European Journal of Vascular and Endovascular Surgery, 2021, 61, 603-611.	1.5	16
7	Reliable and valid assessment of procedural skills in resuscitative endovascular balloon occlusion of the aorta. Journal of Trauma and Acute Care Surgery, 2021, 91, 663-671.	2.1	6
8	Current Status of Trans-Arterial Embolization in Pain Management of Musculoskeletal Inflammatory Conditions — An Evidence-Based Review. CardioVascular and Interventional Radiology, 2021, 44, 1699-1708.	2.0	9
9	Comments on "A course on endovascular training for resuscitative endovascular balloon occlusion of the aorta: a pilot study for residents and specialists― Annals of Surgical Treatment and Research, 2021, 101, 129.	1.0	1
10	Efficacy of dexamethasone in reducing the postembolisation syndrome in men undergoing prostatic artery embolisation for benign prostatic hyperplasia: protocol for a single-centre, randomised, double-blind, placebo-controlled trial—the â€~DEXAPAE' study. BMJ Open, 2021, 11, e047878.	1.9	1
11	Transthoracic Vector Flow Imaging in Pediatric Patients with Valvular Stenosis – A Proof of Concept Study. Ultrasound International Open, 2021, 07, E48-E54.	0.6	O
12	Training and assessment of competence in resuscitative endovascular balloon occlusion of the aorta (REBOA) — a systematic review. Injury, 2020, 51, 147-156.	1.7	27
13	In Situ Vein Bypass Is Superior to Endovascular Treatment of Femoropopliteal Lesions in Chronic Limb-Threatening Ischemia. Annals of Vascular Surgery, 2020, 67, 437-447.	0.9	3
14	Commentary on Simulation Training in Neuroangiography: Transfer to Reality. CardioVascular and Interventional Radiology, 2020, 43, 1192-1193.	2.0	0
15	Flow Complexity Estimation in Dysfunctional Arteriovenous Dialysis Fistulas using Vector Flow Imaging. Ultrasound in Medicine and Biology, 2020, 46, 2493-2504.	1.5	4
16	Simulation-Based Virtual-Reality Patient-Specific Rehearsal Prior to Endovascular Procedures: A Systematic Review. Diagnostics, 2020, 10, 500.	2.6	14
17	Super-Resolution Imaging with Ultrasound for Visualization of the Renal Microvasculature in Rats Before and After Renal Ischemia: A Pilot Study. Diagnostics, 2020, 10, 862.	2.6	18
18	Postembolization Syndrome after Prostatic Artery Embolization: A Systematic Review. Diagnostics, 2020, 10, 659.	2.6	16

#	Article	IF	CITATIONS
19	Can Computed Tomography Perfusion Predict Treatment Response After Prostate Artery Embolization:  A Feasibility Study. Diagnostics, 2020, 10, 304 European guidelines of Chronic mesenteric ischaemia – joint United European Gastroenterology,	2.6	1
20	European Association for Gastroenterology, Endoscopy and Nutrition, European Society of Gastrointestinal and Abdominal Radiology, Netherlands Association of Hepatogastroenterologists, Hellenic Society of Gastroenterology, Cardiovascular and Interventional Radiological Society of Europe, and Dutch Mesenteric Ischemia Study group clinical guidelines on the diagnosis and	3.8	95
21	treatment of patients with chronic mesenteric i. United European Gastroenterology Journal, 2020, 8, Commentary on Drug-Eluting Technologies. CardioVascular and Interventional Radiology, 2019, 42, 1508-1509.	2.0	0
22	Cutdown Technique is Superior to Fascial Closure for Femoral Artery Access after Elective Endovascular Aortic Repair. European Journal of Vascular and Endovascular Surgery, 2019, 58, 350-356.	1.5	3
23	Validation studies of virtual reality simulation performance metrics for mechanical thrombectomy in ischemic stroke. Journal of NeuroInterventional Surgery, 2019, 11, 775-780.	3.3	26
24	Endovascular aortic repair reduces gluteal oxygenation. Acta Radiologica Open, 2019, 8, 205846011985011.	0.6	2
25	Prostate Artery Embolization for Lower Urinary Tract Symptoms in Men Unfit for Surgery. Diagnostics, 2019, 9, 46.	2.6	16
26	Vector Flow Imaging Compared with Digital Subtraction Angiography for Stenosis Assessment in the Superficial Femoral Artery $\hat{a} \in A$ Study of Vector Concentration, Velocity Ratio and Stenosis Degree Percentage. Ultrasound International Open, 2019, 05, E53-E59.	0.6	22
27	Paraplegia prevention in aortic aneurysm repair by thoracoabdominal staging with †minimally invasive staged segmental artery coil embolisation†(MIS ACE): trial protocol for a randomised controlled multicentre trial. BMJ Open, 2019, 9, e025488.	1.9	46
28	Long-term follow-up after stent graft placement for access-site and access-related vascular injury during TAVI – The Bonn-Copenhagen experience. International Journal of Cardiology, 2019, 281, 42-46.	1.7	17
29	Pressure Difference Estimation in Carotid Bulbs using Vector Flow Imaging - A Phantom Study. , 2019, , .		0
30	Non-Invasive Assessment of Intravascular Pressure Gradients: A Review of Current and Proposed Novel Methods. Diagnostics, 2019, 9, 5.	2.6	9
31	Noninvasive Estimation of Pressure Changes Using 2-D Vector Velocity Ultrasound: An Experimental Study With &Ititalic>In Vivo&It/italic> Examples. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2018, 65, 709-719.	3.0	23
32	Assessment of EVAR Competence: Validity of a Novel Rating Scale (EVARATE) in a Simulated Setting. European Journal of Vascular and Endovascular Surgery, 2018, 56, 137-144.	1.5	20
33	Vector Flow Imaging Compared with Pulse Wave Doppler for Estimation of Peak Velocity in the Portal Vein. Ultrasound in Medicine and Biology, 2018, 44, 593-601.	1.5	14
34	Evaluation of Peak Reflux Velocities with Vector Flow Imaging and Spectral Doppler Ultrasound in Varicose Veins. Ultrasound International Open, 2018, 04, E91-E98.	0.6	5
35	Atherosclerotic Lesions in the Superficial Femoral Artery (SFA) Characterized with Velocity Ratios using Vector Velocity Ultrasound. Ultrasound International Open, 2018, 04, E79-E84.	0.6	1
36	Contrast Enhanced Three Dimensional Ultrasound for Intraluminal Thrombus Assessment in Abdominal Aortic Aneurysms. European Journal of Vascular and Endovascular Surgery, 2018, 56, 673-680.	1.5	10

#	Article	IF	CITATIONS
37	Is EVAR a durable solution? Indications for reinterventions. Journal of Cardiovascular Surgery, 2018, 59, 201-212.	0.6	10
38	Respiratory variability of peak velocities in the common femoral vein estimated with vector flow imaging and Doppler ultrasound. Ultrasound in Medicine and Biology, 2018, 44, 1941-1950.	1.5	3
39	Metric-Based Virtual Reality Simulation. Stroke, 2018, 49, e239-e242.	2.0	35
40	Duplex ultrasound for identifying renal artery stenosis: direct criteria re-evaluated. Acta Radiologica, 2017, 58, 176-182.	1.1	14
41	Vector and Doppler Ultrasound Velocities Evaluated in a Flow Phantom and the Femoropopliteal Vein. Ultrasound in Medicine and Biology, 2017, 43, 2477-2487.	1.5	6
42	Commentary: Emergent TAVR During TEVAR. Journal of Endovascular Therapy, 2017, 24, 661-664.	1.5	1
43	Inter- and intra-rater agreement in the assessment of the vascularity of spinal metastases using digital subtraction angiography tumor blush. Acta Radiologica, 2017, 58, 734-739.	1.1	2
44	Surveillance for Hemodialysis Access Stenosis: Usefulness of Ultrasound Vector Volume Flow. Journal of Vascular Access, 2016, 17, 483-488.	0.9	19
45	Prospective, randomised and blinded comparison of proficiency-based progression full-physics virtual reality simulator training versus invasive vascular experience for learning carotid artery angiography by very experienced operators. BMJ Simulation and Technology Enhanced Learning, 2016, 2, 1-5.	0.7	61
46	Major femoral vascular access complications after coronary diagnostic and interventional procedures: A Danish register study. International Journal of Cardiology, 2016, 202, 604-608.	1.7	50
47	von Willebrand Factor and Prekallikrein in Plasma Are Associated With Thrombus Volume in Abdominal Aortic Aneurysms. Vascular and Endovascular Surgery, 2016, 50, 391-397.	0.7	3
48	Frequency and Effect of Access-Related Vascular Injury and Subsequent Vascular Intervention After Transcatheter Aortic Valve Replacement. American Journal of Cardiology, 2016, 118, 1244-1250.	1.6	36
49	Blood flow velocity in the popliteal vein using transverse oscillation ultrasound. , 2016, , .		O
50	Endovascular Aneurysm Repair Treatment of Aortoiliac Aneurysms: Can Iliac Branched Devices Prevent Gluteal Claudication?. Journal of Vascular and Interventional Radiology, 2016, 27, 174-180.	0.5	37
51	Reduced cerebral oxygen–carbohydrate index during endotracheal intubation in vascular surgical patients. Clinical Physiology and Functional Imaging, 2015, 35, 404-410.	1.2	1
52	Combined surgical and catheterâ€based treatment of extensive thoracic aortic aneurysm and aortic valve stenosis. Catheterization and Cardiovascular Interventions, 2015, 85, E95-8.	1.7	2
53	Contemporary spinal cord protection during thoracic and thoracoabdominal aortic surgery and endovascular aortic repair: a position paper of the vascular domain of the European Association for Cardio-Thoracic Surgeryâ€. European Journal of Cardio-thoracic Surgery, 2015, 47, 943-957.	1.4	212
54	In Reply to Walsh. Academic Medicine, 2015, 90, 546.	1.6	0

#	Article	IF	Citations
55	Preoperative Embolization in Surgical Treatment of Spinal Metastases: Single-Blind, Randomized Controlled Clinical Trial of Efficacy in Decreasing Intraoperative Blood Loss. Journal of Vascular and Interventional Radiology, 2015, 26, 402-412.e1.	0.5	57
56	Safety and Efficacy of Using the Viabahn Endoprosthesis for Percutaneous Treatment of Vascular Access Complications After Transfemoral Aortic Valve Implantation. American Journal of Cardiology, 2015, 115, 1123-1129.	1.6	39
57	A Comparative Study of Strain and Shear-Wave Elastography in an Elasticity Phantom. American Journal of Roentgenology, 2015, 204, W236-W242.	2.2	53
58	Accuracy of Visual Scoring and Semi-Quantification of Ultrasound Strain Elastography – A Phantom Study. PLoS ONE, 2014, 9, e88699.	2.5	24
59	Clinical Evaluation of Synthetic Aperture Sequential Beamforming Ultrasound in Patients with Liver Tumors. Ultrasound in Medicine and Biology, 2014, 40, 2805-2810.	1.5	11
60	Association Between Endovascular Performance in a Simulated Setting and in the Catheterization Laboratory. Simulation in Healthcare, 2014, 9, 241-248.	1.2	9
61	Preoperative Methylprednisolone Enhances Recovery After Endovascular Aortic Repair. Annals of Surgery, 2014, 260, 540-549.	4.2	81
62	Management of placenta percreta: a review of published cases. Acta Obstetricia Et Gynecologica Scandinavica, 2014, 93, 138-143.	2.8	142
63	Novel Flow Quantification of the Carotid Bulb and the Common Carotid Artery with Vector Flow Ultrasound. Ultrasound in Medicine and Biology, 2014, 40, 2700-2706.	1.5	44
64	Volume Flow in Arteriovenous Fistulas Using Vector Velocity Ultrasound. Ultrasound in Medicine and Biology, 2014, 40, 2707-2714.	1.5	40
65	New insights regarding the incidence, presentation and treatment options of aorto-oesophageal fistulation after thoracic endovascular aortic repair: the European Registry of Endovascular Aortic Repair Complications. European Journal of Cardio-thoracic Surgery, 2014, 45, 452-457.	1.4	90
66	Perioperative blood transfusion does not decrease survival after surgical treatment of spinal metastases. European Spine Journal, 2014, 23, 1791-1796.	2.2	15
67	A Study of the Effect of Dyad Practice Versus That of Individual Practice on Simulation-Based Complex Skills Learning and of Students' Perceptions of How and Why Dyad Practice Contributes to Learning. Academic Medicine, 2014, 89, 1287-1294.	1.6	42
68	The future of aortic surgery in Europea. European Journal of Cardio-thoracic Surgery, 2013, 43, 226-230.	1.4	16
69	Strain Elastography Ultrasound: An Overview with Emphasis on Breast Cancer Diagnosis. Diagnostics, 2013, 3, 117-125.	2.6	50
70	Balloon occlusion of the internal iliac arteries in the multidisciplinary management of placenta percreta. Acta Obstetricia Et Gynecologica Scandinavica, 2013, 92, 386-391.	2.8	74
71	Fine-motor skills testing and prediction of endovascular performance. Acta Radiologica, 2013, 54, 1165-1174.	1.1	6
72	Unipuncture Double-Access Method in Emergent Endovascular Procedures. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2013, 8, 245-247.	0.9	0

#	Article	IF	CITATIONS
73	Thoracic Endovascular Aortic Repair (TEVAR) for the treatment of aortic diseases: a position statement from the European Association for Cardio-Thoracic Surgery (EACTS) and the European Society of Cardiology (ESC), in collaboration with the European Association of Percutaneous Cardiovascular Interventions (EAPCI). European Journal of Cardio-thoracic Surgery, 2012, 42, 17-24.	1.4	192
74	Thoracic Endovascular Aortic Repair (TEVAR) for the treatment of aortic diseases: a position statement from the European Association for Cardio-Thoracic Surgery (EACTS) and the European Society of Cardiology (ESC), in collaboration with the European Association of Percutaneous Cardiovascular Interventions (EAPCI). European Heart Journal, 2012, 33, 1558-1563.	2.2	250
75	Mechanisms of Symptomatic Spinal Cord Ischemia After TEVAR: Insights From the European Registry of Endovascular Aortic Repair Complications (EuREC). Journal of Endovascular Therapy, 2012, 19, 37-43.	1.5	142
76	Virtual Reality Simulation Training in a High-fidelity Procedure Suite: Operator Appraisal. Journal of Vascular and Interventional Radiology, 2012, 23, 1361-1366.e2.	0.5	16
77	Blood Flow Measurements during Hemodialysis Vascular Access Interventions - Catheter-Based Thermodilution or Doppler Ultrasound?. Journal of Vascular Access, 2012, 13, 145-151.	0.9	7
78	Endovascular Treatment of Hemodialysis Arteriovenous Fistulas: Is Immediate Post-Interventional Blood Flow a Predictor of Patency?. Journal of Vascular Access, 2012, 13, 315-320.	0.9	12
79	Simulation: Moving from Technology Challenge to Human Factors Success. CardioVascular and Interventional Radiology, 2012, 35, 445-453.	2.0	8
80	Evidence, Lack of Evidence, Controversy, and Debate in the Provision and Performance of the Surgery of Acute Type A Aortic Dissection. Journal of the American College of Cardiology, 2011, 58, 2455-2474.	2.8	208
81	Use of performance curves in estimating number of procedures required to achieve proficiency in coronary angiography. Catheterization and Cardiovascular Interventions, 2011, 78, 387-393.	1.7	9
82	Should intentional endovascular stent-graft coverage of the left subclavian artery be preceded by prophylactic revascularisation?. European Journal of Cardio-thoracic Surgery, 2011, 40, 858-68.	1.4	39
83	Cephalic Arch Stenosis in Autogenous Brachiocephalic Hemodialysis Fistulas: Results of Cutting Balloon Angioplasty. Journal of Vascular Access, 2010, 11, 41-45.	0.9	42
84	Weight Loss after Gastric Bypass Surgery in Women Is Followed by a Metabolically Favorable Decrease in 11Î <sup>2</sup> -Hydroxysteroid Dehydrogenase 1 Expression in Subcutaneous Adipose Tissue. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 3527-3531.	3.6	19
85	Increased neck soft tissue mass and worsening of obstructive sleep apnea after growth hormone treatment in men with abdominal obesity. Journal of Clinical Sleep Medicine, 2010, 6, 256-63.	2.6	7
86	BMI Changes During Childhood and Adolescence as Predictors of Amount of Adult Subcutaneous and Visceral Adipose Tissue in Men. Diabetes, 2009, 58, 867-874.	0.6	54
87	Retrograde Ascending Aortic Dissection During or After Thoracic Aortic Stent Graft Placement. Circulation, 2009, 120, S276-81.	1.6	334
88	Acquisition of endovascular skills for uterine artery embolization using a simulator. Minimally Invasive Therapy and Allied Technologies, 2009, 18, 69-77.	1.2	1
89	Obesity Is Accompanied by Disturbances in Peripheral Glucocorticoid Metabolism and Changes in FA Recycling. Obesity, 2009, 17, 1982-1987.	3.0	25
90	The reduction in visceral fat mass in response to growth hormone is more marked in men than in oestrogen-deficient women. Growth Hormone and IGF Research, 2009, 19, 112-120.	1.1	12

#	Article	IF	CITATIONS
91	Endovascular Management of Acute Bleeding Arterioenteric Fistulas. CardioVascular and Interventional Radiology, 2008, 31, 542-549.	2.0	41
92	Update on the roles of angiography and embolisation in pelvic fracture. Injury, 2008, 39, 1290-1294.	1.7	63
93	Endovascular Training with Animals versus Virtual Reality Systems: An Economic Analysis. Journal of Vascular and Interventional Radiology, 2008, 19, 233-238.	0.5	34
94	Hydrochlorothiazide, but not Candesartan, Aggravates Insulin Resistance and Causes Visceral and Hepatic Fat Accumulation. Hypertension, 2008, 52, 1030-1037.	2.7	115
95	Growth Hormone Reduces Inflammation in Postmenopausal Women with Abdominal Obesity: A 12-Month, Randomized, Placebo-Controlled Trial. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 2644-2647.	3.6	27
96	The Expression of NAD(P)H:Quinone Oxidoreductase 1 Is High in Human Adipose Tissue, Reduced by Weight Loss, and Correlates with Adiposity, Insulin Sensitivity, and Markers of Liver Dysfunction. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 2346-2352.	3.6	60
97	Porcine Transfer Study: Virtual Reality Simulator Training Compared with Porcine Training in Endovascular Novices. CardioVascular and Interventional Radiology, 2007, 30, 455-461.	2.0	62
98	Assessment of a Virtual Interventional Simulator Trainer. Journal of Endovascular Therapy, 2006, 13, 237-243.	1.5	39
99	Pubertal Timing Is an Independent Predictor of Central Adiposity in Young Adult Males: The Gothenburg Osteoporosis and Obesity Determinants Study. Diabetes, 2006, 55, 3047-3052.	0.6	68
100	Should Blunt Arterial Trauma to the Extremities be Treated with Endovascular Techniques?. Journal of Trauma, 2005, 59, 1224-1227.	2.3	10
101	Endovascular stent-graft placement for complications of acute type B aortic dissection. Current Opinion in Cardiology, 2005, 20, 477-483.	1.8	26
102	Dysregulation of the Autonomic Nervous System Can Be a Link between Visceral Adiposity and Insulin Resistance. Obesity, 2005, 13, 717-728.	4.0	86
103	Growth Hormone Treatment Reduces Abdominal Visceral Fat in Postmenopausal Women with Abdominal Obesity: A 12-Month Placebo-Controlled Trial. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 1466-1474.	3.6	122
104	Prospective Randomized Study Comparing Ultrasound-Guided Thrombin Injection to Compression in the Treatment of Femoral Pseudoaneurysms. Journal of Endovascular Therapy, 2004, 11, 570-576.	1.5	64
105	Endovascular Treatment of Type B Thoracic Aortic Dissections. Journal of Cardiac Surgery, 2003, 18, 539-544.	0.7	39
106	High Expression of Complement Components in Omental Adipose Tissue in Obese Men. Obesity, 2003, 11, 699-708.	4.0	195
107	Fat Distribution, Lipid Accumulation in the Liver, and Exercise Capacity Do Not Explain the Insulin Resistance in Healthy Males with a Family History for Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 4232-4238.	3.6	30
108	Endograft Therapy for Diseases of the Descending Thoracic Aorta: Results in 43 High-Risk Patients. Journal of Endovascular Therapy, 2002, 9, 829-837.	1.5	60

#	Article	IF	CITATIONS
109	Effects of functional electrical stimulation training for six months on body composition and spasticity in motor complete tetraplegic spinal cord-injured individuals. Journal of Rehabilitation Medicine, 2002, 34, 25-32.	1.1	86
110	Depotâ€Specific Expression of Fibroblast Growth Factors in Human Adipose Tissue. Obesity, 2002, 10, 608-616.	4.0	74
111	Endograft Therapy for Diseases of the Descending Thoracic Aorta:Results in 43 High-Risk Patients. Journal of Endovascular Therapy, 2002, 9, 829-837.	1.5	32
112	Skeletal muscle characteristics, muscle strength and thigh muscle area in patients before and after cardiac transplantation. European Journal of Heart Failure, 2001, 3, 59-67.	7.1	60
113	Aneurysm Sac Hygroma: A Cause of Endotension. Journal of Endovascular Therapy, 2001, 8, 447-453.	1.5	80
114	The Multicompartment CT Technique: Regional Measurements and Reduction of Radiation Dose in Body Composition Studies., 2000,, 187-197.		0
115	Upper motor neuron lesions: Their effect on muscle performance and appearance in stroke patients with minor motor impairment. Archives of Physical Medicine and Rehabilitation, 1999, 80, 155-161.	0.9	45
116	Dose reduction for body composition measurements with CT. Applied Radiation and Isotopes, 1998, 49, 561-563.	1.5	9
117	Serum Leptin Concentration and Insulin Sensitivity in Men with Abdominal Obesity. Obesity, 1998, 6, 416-421.	4.0	25
118	Growth Hormone Treatment of Abdominally Obese Men Reduces Abdominal Fat Mass, Improves Glucose and Lipoprotein Metabolism, and Reduces Diastolic Blood Pressure1. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 727-734.	3.6	306
119	Body Composition and Tissue Distributions in Growth Hormone Deficient Adults Before and After Growth Hormone Treatment. Obesity, 1996, 4, 45-54.	4.0	65
120	Effects of recombinant human growth hormone on basal metabolic rate in adults with pituitary deficiency. Metabolism: Clinical and Experimental, 1995, 44, 67-74.	3.4	51
121	Changes in body composition and adipose tissue distribution after treatment of women with Cushing's syndrome. Metabolism: Clinical and Experimental, 1994, 43, 1517-1522.	3.4	94