

Lukas Lambert

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8282014/publications.pdf>

Version: 2024-02-01

59
papers

573
citations

687363

13
h-index

713466

21
g-index

60
all docs

60
docs citations

60
times ranked

949
citing authors

#	ARTICLE	IF	CITATIONS
1	The diagnostic performance of whole-body MRI in the staging of lymphomas in adult patients compared to PET/CT and enhanced reference standardâ€”systematic review and meta-analysis. <i>Quantitative Imaging in Medicine and Surgery</i> , 2022, 12, 1572-1584.	2.0	1
2	Targeted Drug Delivery and Theranostic Strategies in Malignant Lymphomas. <i>Cancers</i> , 2022, 14, 626.	3.7	11
3	A unique case of unicuspid aortic valve with severe regurgitation combined with coronary-pulmonary fistula. <i>Kardiologia Polska</i> , 2022, 80, 220-222.	0.6	0
4	The diagnostic performance of CT pulmonary angiography in the detection of chronic thromboembolic pulmonary hypertensionâ€”systematic review and meta-analysis. <i>European Radiology</i> , 2022, 32, 7927-7935.	4.5	9
5	Oxidative Stress Markers in Cerebrospinal Fluid of Newly Diagnosed Multiple Sclerosis Patients and Their Link to Iron Deposition and Atrophy. <i>Diagnostics</i> , 2022, 12, 1365.	2.6	2
6	Combined valve replacement and aortocoronary bypass in an adult mucopolysaccharidosis type VII patient. <i>Cardiovascular Pathology</i> , 2021, 50, 107297.	1.6	5
7	Dystrophic calcification of the interventricular septum mimicking cardiac tumour and role of multimodality imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, e20-e20.	1.2	4
8	Early detection of lung cancer in Czech high-risk asymptomatic individuals (ELEGANCE). <i>Medicine (United States)</i> , 2021, 100, e23878.	1.0	2
9	A bimodal pattern of the onset of COVID-19 related acute pancreatitis supports both the cytotoxic and immune-related pathogenesis â€” a systematic review. <i>Scandinavian Journal of Gastroenterology</i> , 2021, 56, 870-873.	1.5	9
10	Post MI Ventricular Septal Defect Treated by Percutaneous Implantation of Figulla Flex ASD Occluder. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, e191-e193.	2.9	0
11	Age-related magnetic susceptibility changes in deep grey matter and cerebral cortex of normal young and middle-aged adults depicted by whole brain analysis. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 11, 3906-3919.	2.0	16
12	Surgical repair of a coronary artery aneurysm associated with coronary artery fistula â€” a case report. <i>Journal of International Medical Research</i> , 2021, 49, 030006052110532.	1.0	0
13	Pancreatic Injury in Patients with SARS-Cov-2 (COVID-19) Infection: A Retrospective Analysis of CT Findings. <i>Gastroenterology Research and Practice</i> , 2021, 2021, 1-5.	1.5	2
14	Biomechanical indices are more sensitive than diameter in predicting rupture of asymptomatic abdominal aortic aneurysms. <i>Journal of Vascular Surgery</i> , 2020, 71, 617-626.e6.	1.1	36
15	Learningâ€”based vertebra localization and labeling in 3D CT data of possibly incomplete and pathological spines. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 183, 105081.	4.7	16
16	Papillary fibroelastoma on pulmonary valve â€” Valve-sparing surgery of a cardiac tumor in a rare location. <i>Cardiovascular Pathology</i> , 2020, 46, 107195.	1.6	1
17	Rifampin-Releasing Triple-Layer Cross-Linked Fresh Water Fish Collagen Sponges as Wound Dressings. <i>BioMed Research International</i> , 2020, 2020, 1-13.	1.9	5
18	Hybrid and Modelâ€”Based Iterative Reconstruction Influences the Volumetry of Visceral and Subcutaneous Adipose Tissue on Ultraâ€”Lowâ€”Dose CT. <i>Obesity</i> , 2020, 28, 2083-2089.	3.0	4

#	ARTICLE	IF	CITATIONS
19	Deep Gray Matter Iron Content in Neuromyelitis Optica and Multiple Sclerosis. <i>BioMed Research International</i> , 2020, 2020, 1-6.	1.9	13
20	Multisystem mitochondrial diseases due to mutations in mtDNA-encoded subunits of complex I. <i>BMC Pediatrics</i> , 2020, 20, 41.	1.7	23
21	Age Dependent Progression of Multiple Epiphyseal Dysplasia and Pseudoachondroplasia Due to Heterozygous Mutations in COMP Gene. <i>Prague Medical Report</i> , 2020, 121, 153-162.	0.8	1
22	A computer-assisted system for handheld whole-breast ultrasonography. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2019, 14, 509-516.	2.8	4
23	How to recognize stent graft infection after endovascular aortic repair: the utility of 18F-FDG PET/CT in an infrequent but serious clinical setting. <i>Annals of Nuclear Medicine</i> , 2019, 33, 594-605.	2.2	12
24	A novel gentamicin-releasing wound dressing prepared from freshwater fish <i>Cyprinus carpio</i> collagen cross-linked with carbodiimide. <i>Journal of Bioactive and Compatible Polymers</i> , 2019, 34, 246-262.	2.1	13
25	Evaluation of the Immunogenicity of a Vascular Graft Covered with Collagen Derived from the European Carp (<i>Cyprinus carpio</i>) and Bovine Collagen. <i>BioMed Research International</i> , 2019, 2019, 1-8.	1.9	14
26	Importance of endomyocardial biopsy in distinguishing between cardiac sarcoidosis and giant cell myocarditis. <i>Wiener Klinische Wochenschrift</i> , 2019, 131, 186-187.	1.9	0
27	Patient awareness, perception and attitude to contrast-enhanced CT examination: Implications for communication and compliance with patients' preferences. <i>Advances in Clinical and Experimental Medicine</i> , 2019, 28, 923-929.	1.4	7
28	Three-layer collagen-based vascular graft designed for low-flow peripheral vascular reconstructions. <i>Journal of Applied Biomedicine</i> , 2019, 17, 52-52.	1.7	4
29	Attenuated Type of Asphyxiating Thoracic Dysplasia due to Mutations in DYNC2H1 Gene. <i>Prague Medical Report</i> , 2019, 120, 124-130.	0.8	2
30	Treatment of failing arteriovenous dialysis graft by angioplasty, stent, and stent graft: Two-years analysis of patency rates and cost-effectiveness. <i>Experimental and Therapeutic Medicine</i> , 2019, 18, 4144-4150.	1.8	3
31	Scintigraphy with 99mTc-HMPAO labeled leukocytes is still an accurate and convenient tool to rule out suspected inflammatory bowel disease in children. <i>Nuclear Medicine Review</i> , 2019, 22, 69-73.	0.5	2
32	Multimodality imaging in endomyocardial fibrosis associated with Hodgkin lymphoma. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 824-824.	1.2	0
33	The predictive value of computed tomography in the detection of reflux esophagitis in patients undergoing upper endoscopy. <i>Clinical Imaging</i> , 2018, 49, 97-100.	1.5	3
34	Intraoperative measurement of pressure gradient in median arcuate ligament syndrome as a rationale for radical surgical approach. <i>Acta Chirurgica Belgica</i> , 2018, 118, 36-41.	0.4	2
35	Management of severe pulmonary hemorrhage in a neonate on veno-arterial ECMO by the temporary clamping of the endotracheal tube – a case report. <i>Perfusion (United Kingdom)</i> , 2018, 33, 77-80.	1.0	7
36	X-ray indices of chest drain malposition after insertion for drainage of pneumothorax in mechanically ventilated critically ill patients. <i>Journal of Thoracic Disease</i> , 2018, 10, 5695-5701.	1.4	3

#	ARTICLE	IF	CITATIONS
37	3D electroanatomical mapping is less sensitive to atrial remodeling in estimation of true left atrial volume than echocardiography. BMC Medical Imaging, 2018, 18, 32.	2.7	2
38	The predictive value of cardiac morphology for long-term outcome of patients undergoing catheter ablation for atrial fibrillation. Journal of Cardiovascular Computed Tomography, 2018, 12, 418-424.	1.3	6
39	In Vivo Evaluation of Short-Term Performance of New Three-Layer Collagen-Based Vascular Graft Designed for Low-Flow Peripheral Vascular Reconstructions. BioMed Research International, 2018, 2018, 1-7.	1.9	11
40	Deep convolutional neural network-based segmentation and classification of difficult to define metastatic spinal lesions in 3D CT data. Medical Image Analysis, 2018, 49, 76-88.	11.6	65
41	The Age Dependent Progression of Hajdu-Cheney Syndrome in Two Families. Prague Medical Report, 2018, 119, 156-164.	0.8	8
42	Is fluorine-18-fluorocholine PET/CT suitable for the detection of skeletal involvement of multiple myeloma?. Hellenic Journal of Nuclear Medicine, 2018, 21, 167-168.	0.3	2
43	Detecting multiple myeloma via generalized multiple-instance learning. , 2018, , .		2
44	Whole-body low-dose computed tomography in multiple myeloma staging: Superior diagnostic performance in the detection of bone lesions, vertebral compression fractures, rib fractures and extraskeletal findings compared to radiography with similar radiation exposure. Oncology Letters, 2017, 13, 2490-2494.	1.8	33
45	Giant torturous left circumflex artery draining to the right atrium. Echocardiography, 2017, 34, 1260-1261.	0.9	0
46	Correlation between transversal and orthogonal maximal diameters of abdominal aortic aneurysms and alternative rupture risk predictors. Computers in Biology and Medicine, 2017, 83, 151-156.	7.0	8
47	Growing number of emergency cranial CTs in patients with head injury not justified by their clinical need. Wiener Klinische Wochenschrift, 2017, 129, 159-163.	1.9	9
48	Hemodynamic changes in patients with extracorporeal membrane oxygenation (ECMO) demonstrated by contrast-enhanced CT examinations - implications for image acquisition technique. Perfusion (United Kingdom), 2017, 32, 220-225.	1.0	15
49	Budd-Chiari Syndrome. Prague Medical Report, 2017, 118, 69-80.	0.8	35
50	Current Diagnostic and Therapeutic Aspects of Eosinophilic Myocarditis. BioMed Research International, 2016, 2016, 1-6.	1.9	72
51	Intercondylar Route of Prosthetic Infragenicular Femoropopliteal Bypass Has Better Primary, Assisted, and Secondary Patency but Not Limb Salvage Rate Compared to the Medial Route. BioMed Research International, 2016, 2016, 1-7.	1.9	1
52	Ultra-low-dose CT Imaging of the Thorax: Decreasing the Radiation Dose by One Order of Magnitude. Indian Journal of Pediatrics, 2016, 83, 1479-1481.	0.8	4
53	Fully automated classification of bone marrow infiltration in low-dose CT of patients with multiple myeloma based on probabilistic density model and supervised learning. Computers in Biology and Medicine, 2016, 71, 57-66.	7.0	19
54	Needle fragment embolism into the right ventricle: a rare cause of chest pain case report and literature review. Wiener Klinische Wochenschrift, 2016, 128, 215-220.	1.9	7

#	ARTICLE	IF	CITATIONS
55	Juxtarenal Mycotic Aneurysm as a Complication of Acute Exacerbation of Chronic Cholecystitis Treated by Resection and Replacement by a Fresh Allograft. Prague Medical Report, 2016, 117, 54-60.	0.8	1
56	Computed Tomography Colonography Phantom: Construction, Validation and Literature Review. Iranian Journal of Radiology, 2016, 13, e31069.	0.2	1
57	Sub-milliSievert ultralow-dose CT colonography with iterative model reconstruction technique. PeerJ, 2016, 4, e1883.	2.0	12
58	The Role of Magnetic Resonance Imaging and Cardiac Computed Tomography in the Assessment of Left Atrial Anatomy, Size, and Function. BioMed Research International, 2015, 2015, 1-13.	1.9	20
59	Novel registration-based framework for CT angiography in lower legs. Medical and Biological Engineering and Computing, 2013, 51, 1079-1089.	2.8	4