

Alois Lametschwandtner

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88
papers

1,041
citations

17
h-index

30
g-index

89
ext. papers

1,160
ext. citations

2.1
avg, IF

3.71
L-index

#	Paper	IF	Citations
88	Neovascularization and the appearance of morphological characteristics of the blood-brain barrier in the embryonic mouse central nervous system. <i>Developmental Brain Research</i> , 1993 , 75, 269-78		103
87	Revised morphology and hemodynamics of the anorectal vascular plexus: impact on the course of hemorrhoidal disease. <i>International Journal of Colorectal Disease</i> , 2009 , 24, 105-13	3	99
86	The venous graft as an effector of early angiogenesis in a fibrin matrix. <i>Microvascular Research</i> , 2008 , 75, 25-33	3.7	67
85	Three-dimensional morphometry in scanning electron microscopy: a technique for accurate dimensional and angular measurements of microstructures using stereopaired digitized images and digital image analysis. <i>Journal of Microscopy</i> , 1999 , 195, 23-33	1.9	66
84	Ontogenic expression of the erythroid-type glucose transporter (Glut 1) in the telencephalon of the mouse: correlation to the tightening of the blood-brain barrier. <i>Developmental Brain Research</i> , 1995 , 86, 317-25		58
83	Valves in small veins and venules. <i>European Journal of Vascular and Endovascular Surgery</i> , 2006 , 32, 447-523	5.23	53
82	The vascular pattern of basal cell tumors: light microscopy and scanning electron microscopic study on vascular corrosion casts. <i>Microvascular Research</i> , 1985 , 29, 371-86	3.7	53
81	Endothelial lesions after temporary clipping. A comparative study. <i>Journal of Neurosurgery</i> , 1979 , 51, 654-61	3.2	29
80	Three-dimensional arrangement of the vasa vasorum in explanted segments of the aged human great saphenous vein: scanning electron microscopy and three-dimensional morphometry of vascular corrosion casts. <i>The Anatomical Record</i> , 2004 , 281, 1372-82		28
79	Architectonic arrangement of the vasa vasorum of the human great saphenous vein. <i>Journal of Vascular Research</i> , 2007 , 44, 157-66	1.9	26
78	Lengths measurements in microvascular corrosion castings: two-dimensional versus three-dimensional morphometry. <i>Scanning</i> , 2000 , 22, 173-7	1.6	24
77	Sphincterlike structures in corrosion casts. <i>Scanning</i> , 1990 , 12, 280-289	1.6	24
76	Historical Review and Technical Survey of Vascular Casting and Scanning Electron Microscopy 1992 , 1-11		20
75	Regression and persistence: remodelling in a tissue engineered axial vascular assembly. <i>Journal of Cellular and Molecular Medicine</i> , 2009 , 13, 4166-75	5.6	19
74	Morphological features of vasa vasorum in pathologically changed human great saphenous vein and its tributaries. <i>Vasa - European Journal of Vascular Medicine</i> , 2008 , 37, 127-36	1.9	18
73	How a highly complex three-dimensional network of blood vessels regresses: the gill blood vascular system of tadpoles of <i>Xenopus</i> during metamorphosis. A SEM study on microvascular corrosion casts. <i>Microvascular Research</i> , 2002 , 64, 425-37	3.7	18
72	Endothelial dysfunction in adipose triglyceride lipase deficiency. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2014 , 1841, 906-17	5	17

71	Light- and scanning electron microscopical studies of the hypothalamo-adenohypophysial portal vessels of the toad <i>Bufo bufo</i> (L.). <i>Cell and Tissue Research</i> , 1975 , 162, 131-9	4.2	17
70	Die Vaskularisation der Kiemen von <i>Myxine glutinosa</i> L. (Cyclostomata). <i>Zoologica Scripta</i> , 1978 , 6, 331-345		16
69	Influence of angiotensin converting enzyme inhibitor (captopril) on kidney epithelial cells in vitro: studies on potassium (86Rb) influx and cellular proliferation. <i>Clinica Chimica Acta</i> , 1990 , 187, 47-53	6.2	13
68	The angioarchitecture of the choroid plexus of the lateral ventricle of the rabbit. A scanning electron microscopic study of vascular corrosion casts. <i>Brain Research</i> , 1986 , 378, 285-96	3.7	13
67	The Different Vascular Patterns of Slime Glands in the Hagfishes, <i>Myxine glutinosa</i> Linnaeus and <i>Eptatretus stouti</i> Lockington A Scanning Electron Microscope Study of Vascular Corrosion Casts*. <i>Acta Zoologica</i> , 1986 , 67, 243-248	0.8	12
66	The Vascularization of the Anuran Brain: The Choroid Plexus of the Fourth Ventricle. <i>Acta Zoologica</i> , 1978 , 59, 229-237	0.8	11
65	Scanning electron microscopy of esophageal microvasculature in human infants and rabbits. <i>Anatomy and Embryology</i> , 1992 , 186, 33-40		10
64	Microvascular architecture of mouse urinary bladder described with vascular corrosion casting, light microscopy, SEM, and TEM. <i>Microscopy and Microanalysis</i> , 2013 , 19, 1428-35	0.5	9
63	Spatial growth and pattern formation in the small intestine microvascular bed from larval to adult <i>Xenopus laevis</i> : a scanning electron microscope study of microvascular corrosion casts. <i>Anatomy and Embryology</i> , 2006 , 211, 535-47		9
62	Eurosol versus fetal bovine serum-containing corneal storage medium. <i>Cornea</i> , 2001 , 20, 205-9	3.1	9
61	The Vascularization of the Kidneys in <i>Bufo bufo</i> (L.), <i>Bombina variegata</i> (L.), <i>Rana ridibunda</i> (L.) and <i>Xenopus laevis</i> (D.) (Amphibia, Anura) as Revealed by Scanning Electron Microscopy of Vascular Corrosion Casts. <i>Acta Zoologica</i> , 1978 , 59, 11-23	0.8	9
60	Angioarchitecture of the rabbit extrahepatic bile ducts and gallbladder. <i>The Anatomical Record Part A: Discoveries in Molecular, Cellular, and Evolutionary Biology</i> , 2005 , 286, 974-81		8
59	The use of porcine corrosion casts for teaching human anatomy. <i>Annals of Anatomy</i> , 2017 , 213, 69-77	2.9	7
58	Maturation of the gastric microvasculature in <i>Xenopus laevis</i> (Lissamphibia, Anura) occurs at the transition from the herbivorous to the carnivorous lifestyle, predominantly by intussusceptive microvascular growth (IMG): a scanning electron microscope study of microvascular corrosion casts. <i>Journal of Microencapsulation</i> , 2019 , 36, 286-293	2	7
57	Intussusceptive microvascular growth in the lung of larval <i>Xenopus laevis</i> Daudin: a light microscope, transmission electron microscope and SEM study of microvascular corrosion casts. <i>Anatomy and Embryology</i> , 2000 , 202, 55-65		7
56	The Vascularization of the Anuran Brain: Olfactory Bulb and Telencephalon: A scanning electron microscopical study of vascular corrosion casts. <i>Acta Zoologica</i> , 1980 , 61, 225-238	0.8	7
55	The vascularization of the neural stalk and the pars nervosa of the hypophysis in the toad, <i>Bufo bufo</i> (L.) (amphibia, anura). A comparative light microscopical and scanning electron microscopical study. <i>Cell and Tissue Research</i> , 1977 , 180, 433-42	4.2	7
54	The Vascularization of the Anuran Brain. <i>Acta Zoologica</i> , 1978 , 59, 239-245	0.8	7

53	The impact of VEGF and bFGF on vascular stereomorphology in the context of angiogenic neo-arborisation after vascular induction. <i>Journal of Electron Microscopy</i> , 2011 , 60, 267-74		6
52	The microvasculature of the gallbladder in adult <i>Xenopus laevis</i> (Amphibia, Anura): A scanning electron microscope study of vascular corrosion casts and correlative light microscopy. <i>Italian Journal of Zoology</i> , 2011 , 78, 27-34		6
51	Vascular regression during amphibian metamorphosis--a scanning electron microscope study of vascular corrosion casts of the ventral velum in tadpoles of <i>Xenopus laevis</i> Daudin. <i>Scanning</i> , 1996 , 18, 447-55	1.6	6
50	Renal microvasculature in the adult pipid frog, <i>Xenopus laevis</i> : A scanning electron microscope study of vascular corrosion casts. <i>Journal of Morphology</i> , 2020 , 281, 725-736	1.6	5
49	The evolution of amphibian metamorphosis: insights based on the transformation of the aortic arches of <i>Pelobates fuscus</i> (Anura). <i>Journal of Anatomy</i> , 2007 , 210, 379-93	2.9	5
48	The angioarchitecture of the rat mandibular joint synovium. <i>Archives of Oral Biology</i> , 1995 , 40, 487-97	2.8	5
47	The angioarchitecture of the rat mandibular joint bilaminar zone. <i>Archives of Oral Biology</i> , 1995 , 40, 499-505	2.8	5
46	Glomerular development and growth of the renal blood vascular system in <i>Xenopus laevis</i> (Amphibia: Anura: Pipidae) during metamorphic climax. <i>Journal of Morphology</i> , 1992 , 213, 335-40	1.6	5
45	The vascularization of the choroid plexus of the lateral ventricle of the turtle <i>Pseudemys scripta elegans</i> (Reptilia). <i>Journal of Zoology</i> , 1988 , 214, 457-468	2	5
44	A new cell type in the taste buds of anurans. A scanning and transmission electron microscopic study. <i>Cell and Tissue Research</i> , 1977 , 183, 553-6	4.2	5
43	Vascularization of the pars intermedia of the hypophysis in the toad, , <i>Bufo bufo</i> (L.) (Amphibia, Anura). A comparative light microscopical and scanning electron microscopical study. II. <i>Cell and Tissue Research</i> , 1977 , 179, 11-6	4.2	5
42	Microvascular anatomy of the brain of the adult pipid frog, <i>Xenopus laevis</i> (Daudin): A scanning electron microscopic study of vascular corrosion casts. <i>Journal of Morphology</i> , 2018 , 279, 950-969	1.6	4
41	Microvascularization of the spleen in larval and adult <i>Xenopus laevis</i> : Histomorphology and scanning electron microscopy of vascular corrosion casts. <i>Journal of Morphology</i> , 2016 , 277, 1559-1569	1.6	4
40	Vascularization of the brains of the Atlantic and Pacific hagfishes, <i>Myxine glutinosa</i> and <i>Eptatretus stouti</i> : a scanning electron microscope study of vascular corrosion casts. <i>Journal of Morphology</i> , 2002 , 253, 51-63	1.6	4
39	Microvascularization of the cerebellum in the turtle, <i>Pseudemys scripta elegans</i> (Reptilia). A scanning electron microscope study of microvascular corrosion casts, including stereological measurements. <i>Anatomy and Embryology</i> , 1995 , 191, 145-53		4
38	The Vascularization of the Anuran Brain: The Mesencephalon. <i>Acta Zoologica</i> , 1979 , 60, 89-92	0.8	4
37	The Vascularization of the Anuran Brain Diencephalon and Choroid Plexus: A scanning electron microscopical study of vascular corrosion casts. <i>Acta Zoologica</i> , 1980 , 61, 203-220	0.8	4
36	Experimental study of human tracheal heterografts in pigs. <i>Chirurgia Plastica</i> , 1981 , 6, 69		4

35	Vascularization of the pars distalis of the hypophysis in the toad, <i>Bufo bufo</i> (L.) (Amphibia, Anura). A comparative light microscopical and scanning electron microscopical study. I. <i>Cell and Tissue Research</i> , 1977 , 179, 1-10	4.2	4
34	A unique vascular configuration among the efferent branchial arteries and splanchnic arteries in the yellow stingray, <i>Urobatis jamaicensis</i> . <i>Microscopy and Microanalysis</i> , 2009 , 15, 194-6	0.5	3
33	M3 a New Software to Quantify Blood Vessels in Three Dimensions Examined in the SEM / ESEM which also Allows to Render 3D Models of Vascular Trees. <i>Microscopy and Microanalysis</i> , 2009 , 15, 932-933 ⁵	0.5	3
32	Microvascular anatomy of the large intestine in adult <i>Xenopus laevis</i> : scanning electron microscopy of vascular corrosion casts and correlative light microscopy. <i>Archives of Histology and Cytology</i> , 2010 , 73, 55-64		3
31	Design of cerebellar and nontegmental rhombencephalic microvascular bed in the sterlet, <i>Acipenser ruthenus</i> : a scanning electron microscope and 3D morphometry study of vascular corrosion casts. <i>Microscopy and Microanalysis</i> , 2006 , 12, 376-89	0.5	3
30	The fine vasculature of the rat mandibular joint. <i>Cells Tissues Organs</i> , 1995 , 153, 64-72	2.1	3
29	Ultrastructural findings after the use of a CO2 laser in carpal tunnel surgery. <i>Lasers in Surgery and Medicine</i> , 1985 , 5, 123-8	3.6	3
28	Microvascular anatomy of ovary and oviduct in the adult African Clawed Toad (<i>Xenopus laevis</i> DAUDIN, 1802)-Histomorphology and scanning electron microscopy of vascular corrosion casts. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2020 , 49, 742-748	1.1	2
27	The microvascular anatomy of the trachea in adult <i>Xenopus laevis</i> Daudin (Lissamphibia; Anura): scanning electron microscopy of vascular corrosion casts and correlative light microscopy. <i>Anatomical Record</i> , 2012 , 295, 1045-52	2.1	2
26	Microvascularization of the pineal gland in the freshwater turtle, <i>Pseudemys scripta elegans</i> (Reptilia): a scanning electron microscopic study of vascular corrosion casts. <i>Journal of Pineal Research</i> , 1995 , 19, 93-102	10.4	2
25	The vascularization of the pituitary gland of the chicken (<i>Gallus domesticus</i>). A scanning electron microscope study of vascular corrosion casts. <i>Archives of Histology and Cytology</i> , 1994 , 57, 213-33		2
24	Microvascularization of corpuscles of Stannius in teleost fishes. <i>Microscopy Research and Technique</i> , 1995 , 32, 104-11	2.8	2
23	Vascularization of the telencephalic choroid plexus of a ganoid fish [<i>Acipenser ruthenus</i> (L.)]. <i>American Journal of Anatomy</i> , 1988 , 182, 33-41		2
22	Scanning electron microscopic findings on the rabbit meninges after local lavage with Polyvinylpyrrolidon-Jod-Komplex. <i>Acta Neurochirurgica</i> , 1985 , 77, 72-4	3	2
21	The Vascularization of the Anuran Brain Rhombencephalon and Medulla spinalis: A scanning electron microscopical study of vascular corrosion casts. <i>Acta Zoologica</i> , 1980 , 61, 239-246	0.8	2
20	Microvascular anatomy of the urinary bladder in the adult African clawed toad, <i>Xenopus laevis</i> : A scanning electron microscope study of vascular casts. <i>Journal of Morphology</i> , 2021 , 282, 368-377	1.6	2
19	Microvascularization of the thyroid glands in larval and adult <i>Xenopus laevis</i> - histomorphology and scanning electron microscopy of vascular corrosion casts. <i>Acta Zoologica</i> , 2017 , 98, 181-190	0.8	1
18	Histomorphology and microvasculature of extrahepatic bile ducts, extrapancreatic ducts and choledocho-pancreatic duct in the adult African Clawed Toad, <i>Xenopus laevis</i> : Histomorphology and scanning electron microscopy of microvascular corrosion casts. <i>Transactions of the Royal Society of South Africa</i> , 2016 , 71, 7-16	1	1

17	The microvascular anatomy of the lung in adult <i>Xenopus laevis</i> Daudin (Lissamphibia; Anura): scanning electron microscopy of vascular corrosion casts and correlative light microscopy. <i>Transactions of the Royal Society of South Africa</i> , 2013 , 68, 11-23	1	1
16	Microvascular anatomy and histomorphology of extrapulmonary bronchi in adult <i>Xenopus laevis</i> Daudin (Lissamphibia; Anura) point to a role in aerial gas exchange [Histomorphology of tissue sections and scanning electron microscopy of vascular corrosion casts. <i>Acta Zoologica</i> , 2014 , 95, 290-298	0.8	1
15	Microvascularization and histomorphology of lateral line organs in adult <i>Xenopus laevis</i> . <i>Journal of Morphology</i> , 2014 , 275, 497-503	1.6	1
14	Microvascularization of the interhyoid muscle in larval <i>Xenopus laevis</i> (Daudin): Scanning electron microscopy of vascular corrosion casts and correlative light microscopy. <i>Journal of Morphology</i> , 2011 , 272, 342-53	1.6	1
13	Development of embryonic gill vasculature in the yellow stingray, <i>Urobatis jamaicensis</i> . <i>Anatomical Record</i> , 2011 , 294, 1423-32	2.1	1
12	Microvascular Architecture of the Mouse Urinary Bladder Described with Vascular Corrosion Casting, Light Microscopy, SEM, and TEM. <i>Microscopy and Microanalysis</i> , 2009 , 15, 984-985	0.5	1
11	Blood vessels of the normal and pathologically changed wall of the human vena saphena magna. <i>Open Medicine (Poland)</i> , 2008 , 3, 475-481	2.2	1
10	Pulmonary lymphatic filling is increased in spontaneously hypertensive rats. <i>Anatomy and Embryology</i> , 1999 , 200, 425-32		1
9	Vascular architecture of the carotid labyrinth in larval and adult <i>Xenopus laevis</i> [Histomorphology and scanning electron microscopy of vascular corrosion casts. <i>Archives of Histology and Cytology</i> , 2017 , 77, 1-11		1
8	Microvascular anatomy of the non-lobulated liver of adult <i>Xenopus laevis</i> : A scanning electron microscopic study of vascular casts. <i>Anatomical Record</i> , 2021 ,	2.1	1
7	Microvascularization of the Pancreas in Larval and Adult <i>Xenopus laevis</i> [Histomorphology and Scanning Electron Microscopy of Vascular Corrosion Casts. <i>Archives of Histology and Cytology</i> , 2016 , 76, 35-52		1
6	Microvascular anatomy of testes in the adult pipid frog, <i>Xenopus laevis</i> Daudin: A scanning electron microscopic study of vascular corrosion casts. <i>Acta Zoologica</i> , 2020 , 101, 189-196	0.8	1
5	Microvascular Anatomy of Olfactory and Accessory Olfactory (Vomeronasal) Organs in Adult <i>Xenopus laevis</i> : Scanning Electron Microscopy of Vascular Corrosion Casts. <i>International Journal of Morphology</i> , 2018 , 36, 1007-1015	0.5	1
4	Larval to Adult Microvascular Anatomy of the Stomach of the South African Clawed Toad, <i>Xenopus laevis</i> Daudin: A Scanning Electron Microscope Study of Vascular Corrosion Casts. <i>Microscopy and Microanalysis</i> , 2006 , 12, 258-259	0.5	0
3	Ultrastructure Atlas of Human Tissues, Fred E. Hossler, John Wiley & Sons, Inc. Hoboken, NJ, 2014, 952 pages. ISBN: 978-1-118-28453-7.. <i>Microscopy and Microanalysis</i> , 2015 , 21, 274-275	0.5	
2	Microvascular Anatomy of Extrahepatic Bile Ducts in Adult South African Clawed Toad, <i>Xenopus laevis</i> Daudin: Scanning Electron Microscopy of Vascular Corrosion Casts and Correlative Light Microscopy. <i>Microscopy and Microanalysis</i> , 2009 , 15, 986-987	0.5	
1	Endogostin preserves hepatic microvascular architecture in fibrotic rats as shown by scanning electron microscopy of vascular corrosion casts. <i>Biomedical Reports</i> , 2021 , 14, 48	1.8	