

Alois Lametschwandtner

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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 | 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 |
| 87 | Enangostin 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 | |
| 86 | 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 |
| 85 | 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 |
| 84 | 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 |
| 83 | 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 |
| 82 | 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 |
| 81 | 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 |
| 80 | 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 |
| 79 | The use of porcine corrosion casts for teaching human anatomy. <i>Annals of Anatomy</i> , 2017 , 213, 69-77 | 2.9 | 7 |
| 78 | 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 |
| 77 | 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 |
| 76 | 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 , 111, 71-74 | 1 | 1 |
| 75 | 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 |
| 74 | 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 | |
| 73 | 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 |
| 72 | 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 |

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| 71 | 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 |
| 70 | 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 |
| 69 | 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 |
| 68 | 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 |
| 67 | 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 and correlative light microscopy. <i>Anatomical Science International</i> 2012 , 67, 88-100 | 2 | 7 |
| 66 | 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 |
| 65 | Development of embryonic gill vasculature in the yellow stingray, <i>Urobatis jamaicensis</i> . <i>Anatomical Record</i> , 2011 , 294, 1423-32 | 2.1 | 1 |
| 64 | 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 |
| 63 | 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 |
| 62 | 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 |
| 61 | 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 |
| 60 | 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 |
| 59 | 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 |
| 58 | 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 |
| 57 | 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 | 0.5 | 3 |
| 56 | 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 | |
| 55 | The venous graft as an effector of early angiogenesis in a fibrin matrix. <i>Microvascular Research</i> , 2008 , 75, 25-33 | 3.7 | 67 |
| 54 | 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 |

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|----|---|-----|----|
| 53 | 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 |
| 52 | 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 |
| 51 | 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 |
| 50 | Valves in small veins and venules. <i>European Journal of Vascular and Endovascular Surgery</i> , 2006 , 32, 447-523 | 2.3 | 53 |
| 49 | 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 |
| 48 | 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 |
| 47 | 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 |
| 46 | 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 |
| 45 | 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 |
| 44 | 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 |
| 43 | 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 |
| 42 | Eurosol versus fetal bovine serum-containing corneal storage medium. <i>Cornea</i> , 2001 , 20, 205-9 | 3.1 | 9 |
| 41 | Lengths measurements in microvascular corrosion castings: two-dimensional versus three-dimensional morphometry. <i>Scanning</i> , 2000 , 22, 173-7 | 1.6 | 24 |
| 40 | 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 |
| 39 | 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 |
| 38 | Pulmonary lymphatic filling is increased in spontaneously hypertensive rats. <i>Anatomy and Embryology</i> , 1999 , 200, 425-32 | | 1 |
| 37 | 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 |
| 36 | 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 |

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| 35 | 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 |
| 34 | The angioarchitecture of the rat mandibular joint synovium. <i>Archives of Oral Biology</i> , 1995 , 40, 487-97 | 2.8 | 5 |
| 33 | The angioarchitecture of the rat mandibular joint bilaminar zone. <i>Archives of Oral Biology</i> , 1995 , 40, 499-505 | 2.8 | 5 |
| 32 | 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 |
| 31 | The fine vasculature of the rat mandibular joint. <i>Cells Tissues Organs</i> , 1995 , 153, 64-72 | 2.1 | 3 |
| 30 | Microvascularization of corpuscles of Stannius in teleost fishes. <i>Microscopy Research and Technique</i> , 1995 , 32, 104-11 | 2.8 | 2 |
| 29 | 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 |
| 28 | 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 |
| 27 | Historical Review and Technical Survey of Vascular Casting and Scanning Electron Microscopy 1992 , 1-11 | | 20 |
| 26 | Scanning electron microscopy of esophageal microvasculature in human infants and rabbits. <i>Anatomy and Embryology</i> , 1992 , 186, 33-40 | | 10 |
| 25 | 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 |
| 24 | Sphincterlike structures in corrosion casts. <i>Scanning</i> , 1990 , 12, 280-289 | 1.6 | 24 |
| 23 | Influence of angiotensin converting enzyme inhibitor (captopril) on kidney epithelial cells in vitro: studies on potassium (⁸⁶ Rb) influx and cellular proliferation. <i>Clinica Chimica Acta</i> , 1990 , 187, 47-53 | 6.2 | 13 |
| 22 | 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 |
| 21 | 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 |
| 20 | 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 |
| 19 | 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 |
| 18 | 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 |

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| 17 | 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 |
| 16 | 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 |
| 15 | Experimental study of human tracheal heterografts in pigs. <i>Chirurgia Plastica</i> , 1981 , 6, 69 | | 4 |
| 14 | 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 |
| 13 | 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 |
| 12 | 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 |
| 11 | The Vascularization of the Anuran Brain: The Mesencephalon. <i>Acta Zoologica</i> , 1979 , 60, 89-92 | 0.8 | 4 |
| 10 | Endothelial lesions after temporary clipping. A comparative study. <i>Journal of Neurosurgery</i> , 1979 , 51, 654-61 | 3.2 | 29 |
| 9 | The Vascularization of the Kidneys in Bufo bufo (L.), Bombina variegata (L.), Rana ridibunda (L.) and Xenopus laevis (D.) (Amphibia, Anura) as Revealed by Scanning Electron Microscopy of Vascular Corrosion Casts. <i>Acta Zoologica</i> , 1978 , 59, 11-23 | 0.8 | 9 |
| 8 | The Vascularization of the Anuran Brain: The Choroid Plexus of the Fourth Ventricle. <i>Acta Zoologica</i> , 1978 , 59, 229-237 | 0.8 | 11 |
| 7 | The Vascularization of the Anuran Brain. <i>Acta Zoologica</i> , 1978 , 59, 239-245 | 0.8 | 7 |
| 6 | Die Vaskularisation der Kiemen von Myxine glutinosa L. (Cyclostomata). <i>Zoologica Scripta</i> , 1978 , 6, 331-341 | | 16 |
| 5 | The vascularization of the neural stalk and the pars nervosa of the hypophysis in the toad, Bufo bufo (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 |
| 4 | 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 |
| 3 | Vascularization of the pars distalis of the hypophysis in the toad, Bufo bufo (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 |
| 2 | Vascularization of the pars intermedia of the hypophysis in the toad, Bufo bufo (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 |
| 1 | Light- and scanning electron microscopical studies of the hypothalamo-adenohypophysial portal vessels of the toad Bufo bufo (L.). <i>Cell and Tissue Research</i> , 1975 , 162, 131-9 | 4.2 | 17 |