

Katharina D'Herde

List of Publications by Year in descending order

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85
papers

4,573
citations

117625

34
h-index

102487

66
g-index

85
all docs

85
docs citations

85
times ranked

7026
citing authors

#	ARTICLE	IF	CITATIONS
1	Screening algorithms for HBV, HCV, HIV and syphilis in an anatomical donation program. <i>Annals of Anatomy</i> , 2022, 239, 151805.	1.9	3
2	Evaluation and adjustment of screening algorithms for HBV, HCV, HIV and syphilis in an anatomical donation program for undergraduate education. <i>FASEB Journal</i> , 2022, 36, .	0.5	0
3	Thiel embalmed human cadavers in surgical education: Optimizing realism and long-term application. <i>American Journal of Surgery</i> , 2021, 221, 1300-1302.	1.8	6
4	The brachial plexus "explaining its morphology and variability by a generic developmental model. <i>Journal of Anatomy</i> , 2020, 236, 862-882.	1.5	12
5	Electrostatic Intraperitoneal Aerosol Delivery of Nanoparticles: Proof of Concept and Preclinical Validation. <i>Advanced Healthcare Materials</i> , 2020, 9, e2000655.	7.6	30
6	Laparoscopic Liver Surgery Training Course on Thiel-Embalmed Human Cadavers: Program Evaluation, Trainer's Long-Term Feedback and Steps Forward. <i>World Journal of Surgery</i> , 2019, 43, 2902-2908.	1.6	8
7	Anti-inflammatory activity of the sesquiterpene lactone diacetylpiptocarphol in dextran sulfate sodium-induced colitis in mice. <i>Journal of Ethnopharmacology</i> , 2019, 245, 112186.	4.1	8
8	Blastocyst production after intracytoplasmic sperm injection with semen from a stallion with testicular degeneration. <i>Reproduction in Domestic Animals</i> , 2018, 53, 814-817.	1.4	4
9	Systematic review of surgical training on reperfused human cadavers. <i>Acta Chirurgica Belgica</i> , 2018, 118, 141-151.	0.4	7
10	Release of urinary extracellular vesicles in prostate cancer is associated with altered urinary N-glycosylation profile. <i>Journal of Clinical Pathology</i> , 2017, 70, 838-846.	2.0	18
11	Necroptotic cell death in anti-cancer therapy. <i>Immunological Reviews</i> , 2017, 280, 207-219.	6.0	126
12	Oxidized PEs trigger death. <i>Nature Chemical Biology</i> , 2017, 13, 4-5.	8.0	110
13	Revisiting the segmental organization of the human spinal cord. <i>Journal of Anatomy</i> , 2016, 229, 384-393.	1.5	18
14	Steroids affect gene expression, ciliary activity, glucose uptake, progesterone receptor expression and immunoreactive steroidogenic protein expression in equine oviduct explants in vitro. <i>Reproduction, Fertility and Development</i> , 2016, 28, 1926.	0.4	6
15	Divergence between the Highly Virulent Zoonotic Pathogen <i>Helicobacter heilmannii</i> and Its Closest Relative, the Low-Virulence "Helicobacter ailurogastricus" sp. nov. <i>Infection and Immunity</i> , 2016, 84, 293-306.	2.2	37
16	Understanding Thiel Embalming in Pig Kidneys to Develop a New Circulation Model. <i>PLoS ONE</i> , 2015, 10, e0120114.	2.5	4
17	Analysis of metal artifact reduction tools for dental hardware in CT scans of the oral cavity: kVp, iterative reconstruction, dual-energy CT, metal artifact reduction software: does it make a difference?. <i>Neuroradiology</i> , 2015, 57, 841-849.	2.2	63
18	Correlation of clinical and physical-technical image quality in chest CT: a human cadaver study applied on iterative reconstruction. <i>BMC Medical Imaging</i> , 2015, 15, 32.	2.7	17

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19	Post-mortem Reperfusion of a Pig: a First Step to a New Surgical Training Model?. Indian Journal of Surgery, 2015, 77, 712-715.	0.3	5
20	Postmortem Pump-Driven Reperfusion of the Vascular System of Porcine Lungs: Towards a New Model for Surgical Training. European Surgical Research, 2014, 52, 8-20.	1.3	5
21	Age-associated differential microRNA levels in human follicular fluid reveal pathways potentially determining fertility and success of <i>in vitro</i> fertilization. Human Fertility, 2014, 17, 90-98.	1.7	109
22	Equine oviduct explant culture: a basic model to decipher embryo-maternal communication. Reproduction, Fertility and Development, 2014, 26, 954.	0.4	15
23	Reliability and accuracy assessment of radiation therapy oncology group-endorsed guidelines for brachial plexus contouring. Strahlentherapie Und Onkologie, 2014, 190, 628-635.	2.0	8
24	An Anatomically Validated Brachial Plexus Contouring Method for Intensity Modulated Radiation Therapy Planning. International Journal of Radiation Oncology Biology Physics, 2013, 87, 802-808.	0.8	28
25	The posterior cruciate ligament: a study on its bony and soft tissue anatomy using novel 3D CT technology. Knee Surgery, Sports Traumatology, Arthroscopy, 2013, 21, 1005-1010.	4.2	20
26	Arthroscopy of the sternoclavicular joint: an anatomic evaluation of structures at risk. Surgical and Radiologic Anatomy, 2013, 36, 375-81.	1.2	6
27	Long non-coding RNAs in pluripotent stem cell biology. Veterinary Quarterly, 2013, 33, 202-206.	6.7	4
28	Clostridium perfringens Beta-Toxin Induces Necrostatin-Inhibitible, Calpain-Dependent Necrosis in Primary Porcine Endothelial Cells. PLoS ONE, 2013, 8, e64644.	2.5	48
29	Effects of Helicobacter suis β -Glutamyl Transpeptidase on Lymphocytes: Modulation by Glutamine and Glutathione Supplementation and Outer Membrane Vesicles as a Putative Delivery Route of the Enzyme. PLoS ONE, 2013, 8, e77966.	2.5	26
30	Sesquiterpene lactones as drugs with multiple targets in cancer treatment. Anti-Cancer Drugs, 2012, 23, 883-896.	1.4	176
31	Batrachochytrium dendrobatidis zoospore secretions rapidly disturb intercellular junctions in frog skin. Fungal Genetics and Biology, 2012, 49, 830-837.	2.1	51
32	Asymmetry of the ULNT1 elbow extension range-of-motion in a healthy population: Consequences for clinical practice and research. Physical Therapy in Sport, 2012, 13, 141-149.	1.9	12
33	Correlation of Contrast-Detail Analysis and Clinical Image Quality Assessment in Chest Radiography with a Human Cadaver Study. Radiology, 2012, 262, 298-304.	7.3	59
34	T-2 toxin induced Salmonella Typhimurium intoxication results in decreased Salmonella numbers in the cecum contents of pigs, despite marked effects on Salmonella-host cell interactions. Veterinary Research, 2012, 43, 22.	3.0	30
35	Germination of Aspergillus fumigatus inside avian respiratory macrophages is associated with cytotoxicity. Veterinary Research, 2012, 43, 32.	3.0	25
36	Germ Tube Mediated Invasion of Batrachochytrium dendrobatidis in Amphibian Skin Is Host Dependent. PLoS ONE, 2012, 7, e41481.	2.5	55

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37	Effects of the topical application of an ethyl acetate fraction from <i>Vernonia scorpioides</i> on excisional wounds infected with <i>Staphylococcus aureus</i> in rats. <i>Revista Brasileira De Farmacognosia</i> , 2012, 22, 123-130.	1.4	6
38	Gastric epithelial cell death caused by <i>Helicobacter suis</i> and <i>Helicobacter pylori</i> γ -glutamyl transpeptidase is mainly glutathione degradation-dependent. <i>Cellular Microbiology</i> , 2011, 13, 1933-1955.	2.1	57
39	Calcium and connexin-based intercellular communication, a deadly catch?. <i>Cell Calcium</i> , 2011, 50, 310-321.	2.4	64
40	In vitro validation and reliability study of electromagnetic skin sensors for evaluation of end range of motion positions of the hip. <i>Medical and Biological Engineering and Computing</i> , 2011, 49, 1405-1412.	2.8	6
41	γ -ODAP alters mitochondrial Ca^{2+} handling as an early event in excitotoxicity. <i>Cell Calcium</i> , 2010, 47, 287-296.	2.4	19
42	Neuroanatomy and neurophysiology related to sexual dysfunction in male neurogenic patients with lesions to the spinal cord or peripheral nerves. <i>Spinal Cord</i> , 2010, 48, 182-191.	1.9	59
43	<i>Helicobacter suis</i> Causes Severe Gastric Pathology in Mouse and Mongolian Gerbil Models of Human Gastric Disease. <i>PLoS ONE</i> , 2010, 5, e14083.	2.5	51
44	Muscle fibres crossing the line of incision used in carpal tunnel decompression. <i>Journal of Hand Surgery: European Volume</i> , 2010, 35, 115-119.	1.0	10
45	Persistence of <i>Yersinia ruckeri</i> in trout macrophages. <i>Fish and Shellfish Immunology</i> , 2010, 29, 648-655.	3.6	44
46	Mitotic catastrophe as a prestage to necrosis in mouse liver cells treated with <i>Helicobacter pullorum</i> sonicates. <i>Journal of Morphology</i> , 2009, 270, 921-928.	1.2	8
47	Deltoid muscle volume estimated from ultrasonography: in vitro validation and correlation with isokinetic abduction strength of the shoulder. <i>Medical and Biological Engineering and Computing</i> , 2009, 47, 557-563.	2.8	11
48	Connexin 43 hemichannels contribute to the propagation of apoptotic cell death in a rat C6 glioma cell model. <i>Cell Death and Differentiation</i> , 2009, 16, 151-163.	11.2	167
49	Connexin-related signaling in cell death: to live or let die?. <i>Cell Death and Differentiation</i> , 2009, 16, 524-536.	11.2	234
50	Life and death of female gametes during oogenesis and folliculogenesis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2008, 13, 1065-1087.	4.9	114
51	3D Computerized Model for Measuring Strain and Displacement of the Brachial Plexus Following Placement of Reverse Shoulder Prosthesis. <i>Anatomical Record</i> , 2008, 291, 1173-1185.	1.4	58
52	The Impact of Muscular Variation on the Neurodynamic Test for the Median Nerve in a Healthy Population With Langer's Axillary Arch. <i>Journal of Manipulative and Physiological Therapeutics</i> , 2008, 31, 474-483.	0.9	12
53	Apoptosis and necrosis: Detection, discrimination and phagocytosis. <i>Methods</i> , 2008, 44, 205-221.	3.8	546
54	Chapter 16 Methods for Distinguishing Apoptotic from Necrotic Cells and Measuring Their Clearance. <i>Methods in Enzymology</i> , 2008, 442, 307-341.	1.0	111

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55	The Lateral Intercostal Artery Perforators: Anatomical Study and Clinical Application in Breast Surgery. <i>Plastic and Reconstructive Surgery</i> , 2008, 121, 389-396.	1.4	162
56	Molecular-Based Identification of <i>Sarcocystis hominis</i> in Belgian Minced Beef. <i>Journal of Food Protection</i> , 2007, 70, 1523-1526.	1.7	62
57	Caspase-14 protects against epidermal UVB photodamage and water loss. <i>Nature Cell Biology</i> , 2007, 9, 666-674.	10.3	266
58	Macrophages use different internalization mechanisms to clear apoptotic and necrotic cells. <i>Cell Death and Differentiation</i> , 2006, 13, 2011-2022.	11.2	167
59	Clearance of apoptotic and necrotic cells and its immunological consequences. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2006, 11, 1709-1726.	4.9	295
60	Atherosclerosis in the vertebral artery: an intrinsic risk factor in the use of spinal manipulation?. <i>Surgical and Radiologic Anatomy</i> , 2006, 28, 129-134.	1.2	30
61	The Effect of <i>Helicobacter felis</i> and <i>Helicobacter bizzozeronii</i> on the Gastric Mucosa in Mongolian Gerbils: a Sequential Pathological Study. <i>Journal of Comparative Pathology</i> , 2006, 135, 226-236.	0.4	19
62	Extrinsic risk factors for compromised blood flow in the vertebral artery: anatomical observations of the transverse foramina from C3 to C7. <i>Surgical and Radiologic Anatomy</i> , 2005, 27, 312-316.	1.2	44
63	Technical note: the design of a stereotactic frame for direct MRI-anatomical correlation of the brachial plexus. <i>Surgical and Radiologic Anatomy</i> , 2005, 27, 548-556.	1.2	4
64	Gap junctions and the propagation of cell survival and cell death signals. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2005, 10, 459-469.	4.9	155
65	A Case of Abnormal Findings in the Course of the Vertebral Artery Associated with an Ossified Hyoid Apparatus. A Contraindication for Manipulation of the Cervical Spine?. <i>Journal of Manipulative and Physiological Therapeutics</i> , 2005, 28, 346-351.	0.9	6
66	A vertebral artery without atlantic and intradural sections: A case report and a review of the literature. <i>Annals of Anatomy</i> , 2005, 187, 271-275.	1.9	7
67	Phagocytosis of Necrotic Cells by Macrophages Is Phosphatidylserine Dependent and Does Not Induce Inflammatory Cytokine Production. <i>Molecular Biology of the Cell</i> , 2004, 15, 1089-1100.	2.1	177
68	Gap Junctional Communication and Connexin43 Expression in Relation to Apoptotic Cell Death and Survival of Granulosa Cells. <i>Journal of Histochemistry and Cytochemistry</i> , 2004, 52, 1199-1207.	2.5	61
69	Painful isolated Horner's syndrome caused by pontine ischaemia. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2004, 242, 181-183.	1.9	5
70	Reply to 'anatomy of renal arterial supply'. <i>Clinical Anatomy</i> , 2004, 17, 689-689.	2.7	0
71	Mechanisms of internalization of apoptotic and necrotic L929 cells by a macrophage cell line studied by electron microscopy. <i>Journal of Morphology</i> , 2003, 258, 336-345.	1.2	56
72	Simultaneous occurrence of a thyromediastinal muscle, a truncus bicaroticobrachialis, and a left superior vena cava. <i>Clinical Anatomy</i> , 2003, 16, 176-181.	2.7	4

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73	Peroxisomes during Development and in Distinct Cell Types. <i>Advances in Experimental Medicine and Biology</i> , 2003, 544, 39-54.	1.6	1
74	Mitochondrial Transmembrane Potential Changes Support the Concept of Mitochondrial Heterogeneity During Apoptosis. <i>Journal of Histochemistry and Cytochemistry</i> , 2001, 49, 1277-1284.	2.5	73
75	Astrocyte-endothelial cell calcium signals conveyed by two signalling pathways. <i>European Journal of Neuroscience</i> , 2001, 13, 79-91.	2.6	31
76	Contribution of progesterone, follicle stimulating hormone and glucocorticoids in survival of serum-free cultured granulosa cell explants. <i>Journal of Endocrinology</i> , 2001, 169, 321-331.	2.6	14
77	Astrocyte-endothelial cell calcium signals conveyed by two signalling pathways. <i>European Journal of Neuroscience</i> , 2001, 13, 79-91.	2.6	48
78	Ultrastructural localization of cytochrome c in apoptosis demonstrates mitochondrial heterogeneity. <i>Cell Death and Differentiation</i> , 2000, 7, 331-337.	11.2	47
79	Inverse Expression of Peroxisomes and Connexin-43 in the Granulosa Cells of the Quail Follicle. <i>Journal of Histochemistry and Cytochemistry</i> , 2000, 48, 167-177.	2.5	9
80	First and Second Messenger Role of Calcium: Survival versus Apoptosis in Serum-Free Cultured Granulosa Explants. <i>Annals of the New York Academy of Sciences</i> , 2000, 926, 101-115.	3.8	13
81	A stereotaxic atlas of the forebrain of the bank vole (<i>Clethrionomys glareolus</i>). <i>Brain Research Bulletin</i> , 1999, 48, 555-567.	3.0	8
82	Intracellular free calcium related to apoptotic cell death in quail granulosa cell sheets kept in serum-free culture. <i>Cell Death and Differentiation</i> , 1997, 4, 59-65.	11.2	18
83	Biogenesis of peroxisomes in fetal liver. , 1997, 39, 453-466.		25
84	In situ end labeling of fragmented DNA in induced ovarian atresia. <i>Biochemistry and Cell Biology</i> , 1994, 72, 573-579.	2.0	20
85	Leptomeningeal cyst: Early diagnosis by color Doppler imaging. <i>Pediatric Radiology</i> , 1992, 22, 417-418.	2.0	10