

# Ingo Nolte

## List of Publications by Year in descending order

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88  
papers

2,168  
citations

516215

16  
h-index

243296

44  
g-index

91  
all docs

91  
docs citations

91  
times ranked

4801  
citing authors

#	ARTICLE	IF	CITATIONS
1	Poly- $\beta$ -caprolactone Coated and Functionalized Porous Titanium and Magnesium Implants for Enhancing Angiogenesis in Critically Sized Bone Defects. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1.	1.8	1,160
2	SLM Produced Porous Titanium Implant Improvements for Enhanced Vascularization and Osteoblast Seeding. <i>International Journal of Molecular Sciences</i> , 2015, 16, 7478-7492.	1.8	72
3	Examination of a biodegradable magnesium screw for the reconstruction of the anterior cruciate ligament: A pilot in vivo study in rabbits. <i>Materials Science and Engineering C</i> , 2016, 59, 1100-1109.	3.8	64
4	Characterization of nanoparticle mediated laser transfection by femtosecond laser pulses for applications in molecular medicine. <i>Journal of Nanobiotechnology</i> , 2015, 13, 10.	4.2	50
5	Role of miRNA <i>Let-7</i> and Its Major Targets in Prostate Cancer. <i>BioMed Research International</i> , 2014, 2014, 1-14.	0.9	45
6	Load redistribution in walking and trotting Beagles with induced forelimb lameness. <i>American Journal of Veterinary Research</i> , 2013, 74, 34-39.	0.3	39
7	Comparison of Selective Laser Melted Titanium and Magnesium Implants Coated with PCL. <i>International Journal of Molecular Sciences</i> , 2015, 16, 13287-13301.	1.8	29
8	A Comparison of Fresh Frozen vs. Formalin-Fixed, Paraffin-Embedded Specimens of Canine Mammary Tumors via Branched-DNA Assay. <i>International Journal of Molecular Sciences</i> , 2016, 17, 724.	1.8	28
9	HMGA1 and HMGA2 expression and comparative analyses of HMGA2, Lin28 and let-7 miRNAs in oral squamous cell carcinoma. <i>BMC Cancer</i> , 2014, 14, 694.	1.1	26
10	Biophysical effects in off-resonant gold nanoparticle mediated (GNOME) laser transfection of cell lines, primary- and stem cells using fs laser pulses. <i>Journal of Biophotonics</i> , 2015, 8, 646-658.	1.1	23
11	The effect of dichloroacetate in canine prostate adenocarcinomas and transitional cell carcinomas in vitro. <i>International Journal of Oncology</i> , 2016, 49, 2341-2350.	1.4	22
12	Adaptations in Muscle Activity to Induced, Short-Term Hindlimb Lameness in Trotting Dogs. <i>PLoS ONE</i> , 2013, 8, e80987.	1.1	21
13	Comparative kinematic gait analysis in young and old Beagle dogs. <i>Journal of Veterinary Science</i> , 2017, 18, 521.	0.5	21
14	Evaluation of Thoracic Limb Loads, Elbow Movement, and Morphology in Dogs Before and After Arthroscopic Management of Unilateral Medial Coronoid Process Disease. <i>Veterinary Surgery</i> , 2014, 43, 819-828.	0.5	20
15	HMGA2 expression in a canine model of prostate cancer. <i>Cancer Genetics and Cytogenetics</i> , 2007, 177, 98-102.	1.0	19
16	Kinetic, kinematic, magnetic resonance and owner evaluation of dogs before and after the amputation of a hind limb. <i>BMC Veterinary Research</i> , 2016, 12, 20.	0.7	19
17	Establishing an in vivo model of canine prostate carcinoma using the new cell line CT1258. <i>BMC Cancer</i> , 2008, 8, 240.	1.1	18
18	Radiographic Evaluation of Early Periprosthetic Femoral Bone Contrast and Prosthetic Stem Alignment after Uncemented and Cemented Total Hip Replacement in Dogs. <i>Veterinary Surgery</i> , 2012, 41, 69-77.	0.5	16

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19	Functional magnetic resonance imaging of the ascending stages of the auditory system in dogs. <i>BMC Veterinary Research</i> , 2013, 9, 210.	0.7	16
20	Intraocular pressure in the smallest primate aging model: the gray mouse lemur. <i>Veterinary Ophthalmology</i> , 2018, 21, 319-327.	0.6	16
21	Characterization of six canine prostate adenocarcinoma and three transitional cell carcinoma cell lines derived from primary tumor tissues as well as metastasis. <i>PLoS ONE</i> , 2020, 15, e0230272.	1.1	16
22	Fore-Aft Ground Force Adaptations to Induced Forelimb Lameness in Walking and Trotting Dogs. <i>PLoS ONE</i> , 2012, 7, e52202.	1.1	16
23	Evaluation of stem cell marker gene expression in canine prostate carcinoma- and prostate cyst-derived cell lines. <i>Anticancer Research</i> , 2013, 33, 5421-31.	0.5	16
24	Clinical use of submaximal treadmill exercise testing and assessments of cardiac biomarkers NT-proBNP and cTnI in dogs with presymptomatic mitral regurgitation. <i>PLoS ONE</i> , 2018, 13, e0199023.	1.1	15
25	Metformin and sodium dichloroacetate effects on proliferation, apoptosis, and metabolic activity tested alone and in combination in a canine prostate and a bladder cancer cell line. <i>PLoS ONE</i> , 2021, 16, e0257403.	1.1	15
26	Prevalence of the Prefoldin Subunit 5 Gene Deletion in Canine Mammary Tumors. <i>PLoS ONE</i> , 2015, 10, e0131280.	1.1	15
27	In Vitro Evaluation of PCL and P(3HB) as Coating Materials for Selective Laser Melted Porous Titanium Implants. <i>Materials</i> , 2017, 10, 1344.	1.3	13
28	Osteointegration of Porous Poly- $\epsilon$ -Caprolactone-Coated and Previtallised Magnesium Implants in Critically Sized Calvarial Bone Defects in the Mouse Model. <i>Materials</i> , 2018, 11, 6.	1.3	13
29	An RNA-Seq-Based Framework for Characterizing Canine Prostate Cancer and Prioritizing Clinically Relevant Biomarker Candidate Genes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11481.	1.8	13
30	Validation of canine prostate volumetric measurements in computed tomography determined by the slice addition technique using the Amira program. <i>BMC Veterinary Research</i> , 2019, 15, 49.	0.7	12
31	Increased soluble fms-like tyrosine kinase 1 after ischemia reperfusion contributes to adverse clinical outcomes following kidney transplantation. <i>Kidney International</i> , 2019, 95, 1091-1102.	2.6	12
32	High-mobility group B1 (HMGB1) and receptor for advanced glycation end-products (RAGE) expression in canine lymphoma. <i>Anticancer Research</i> , 2010, 30, 5043-8.	0.5	12
33	Comparative High-Resolution Transcriptome Sequencing of Lymphoma Cell Lines and de novo Lymphomas Reveals Cell-Line-Specific Pathway Dysregulation. <i>Scientific Reports</i> , 2018, 8, 6279.	1.6	11
34	Circulating Soluble Fms-like Tyrosine Kinase in Renal Diseases Other than Preeclampsia. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 1853-1863.	3.0	10
35	Hormone Receptor Expression Analyses in Neoplastic and Non-Neoplastic Canine Mammary Tissue by a Bead Based Multiplex Branched DNA Assay: A Gene Expression Study in Fresh Frozen and Formalin-Fixed, Paraffin-Embedded Samples. <i>PLoS ONE</i> , 2016, 11, e0163311.	1.1	10
36	Quantification of left ventricular volumes and function in anesthetized beagles using real-time three-dimensional echocardiography: 4D-TomTec <sup>®</sup> analysis versus 4D-AutLVQ <sup>®</sup> analysis in comparison with cardiac magnetic resonance imaging. <i>BMC Veterinary Research</i> , 2015, 11, 260.	0.7	9

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37	Comparative investigation of bone mineral density using CT and DEXA in a canine femoral model. <i>Journal of Orthopaedic Research</i> , 2017, 35, 2667-2672.	1.2	9
38	The prevalence of medial coronoid process disease is high in lame large breed dogs and quantitative radiographic assessments contribute to the diagnosis. <i>Veterinary Radiology and Ultrasound</i> , 2018, 59, 516-528.	0.4	9
39	Effect of Pimobendan on NT-proBNP and c troponin I before and after a submaximal exercise test in dogs with preclinical mitral valve disease without cardiomegaly – a randomised, double-blinded trial. <i>BMC Veterinary Research</i> , 2019, 15, 237.	0.7	9
40	Effects of immediate versus delayed ex-vivo lung perfusion in a porcine cardiac arrest donation model. <i>International Journal of Artificial Organs</i> , 2019, 42, 362-369.	0.7	9
41	Comparative characterization of stem cell marker expression, metabolic activity and resistance to doxorubicin in adherent and spheroid cells derived from the canine prostate adenocarcinoma cell line CT1258. <i>Anticancer Research</i> , 2015, 35, 1917-27.	0.5	9
42	Analysis of Copy-Number Variations and Feline Mammary Carcinoma Survival. <i>Scientific Reports</i> , 2020, 10, 1003.	1.6	8
43	Characterization of the novel indolylmaleimides' PDA-66 and PDA-377 effect on canine lymphoma cells. <i>Oncotarget</i> , 2016, 7, 35379-35389.	0.8	8
44	Fs-laser cell perforation using gold nanoparticles of different shapes. , 2010, , .		7
45	Radiographic evaluation of early periprosthetic acetabular bone contrast and prosthetic head acetabular coverage after uncemented and cemented total hip prosthesis in dogs. <i>BMC Veterinary Research</i> , 2016, 12, 271.	0.7	7
46	Differential Proteome Analysis of Human Neuroblastoma Xenograft Primary Tumors and Matched Spontaneous Distant Metastases. <i>Scientific Reports</i> , 2018, 8, 13986.	1.6	7
47	TiHo-0906: a new feline mammary cancer cell line with molecular, morphological, and immunocytological characteristics of epithelial to mesenchymal transition. <i>Scientific Reports</i> , 2018, 8, 13231.	1.6	7
48	Kinematic adaptations to induced short-term pelvic limb lameness in trotting dogs. <i>BMC Veterinary Research</i> , 2018, 14, 183.	0.7	7
49	Generation and Characterisation of a Canine EGFP-HMGA2 Prostate Cancer In Vitro Model. <i>PLoS ONE</i> , 2014, 9, e98788.	1.1	7
50	Dichloroacetate affects proliferation but not apoptosis in canine mammary cell lines. <i>PLoS ONE</i> , 2017, 12, e0178744.	1.1	7
51	Evaluation of Stem Cell Marker Expression in Canine B-Cell Lymphoma Cell Lines, B-Cell Lymphoma-generated Spheres and Primary Samples. <i>Anticancer Research</i> , 2015, 35, 2805-16.	0.5	7
52	Occurrence of mitral valve insufficiency in clinically healthy Beagle dogs. <i>Acta Veterinaria Hungarica</i> , 2015, 63, 458-471.	0.2	6
53	Longitudinal Claudin Gene Expression Analyses in Canine Mammary Tissues and Thereof Derived Primary Cultures and Cell Lines. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1655.	1.8	6
54	Comparison of Six Different Silicones In Vitro for Application as Glaucoma Drainage Device. <i>Materials</i> , 2018, 11, 341.	1.3	6

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55	Quantitative Radiographic Evaluation of Elbow Incongruity in Labrador and Golden Retrievers with Confirmed Medial Coronoid Disease. <i>Veterinary and Comparative Orthopaedics and Traumatology</i> , 2019, 32, 010-017.	0.2	6
56	Verification of a canine PSMA (FolH1) antibody. <i>Anticancer Research</i> , 2015, 35, 145-8.	0.5	6
57	Limb and back muscle activity adaptations to tripedal locomotion in dogs. <i>Journal of Experimental Zoology</i> , 2015, 323, n/a-n/a.	1.2	5
58	Evaluation of Functionalized Porous Titanium Implants for Enhancing Angiogenesis in Vitro. <i>Materials</i> , 2016, 9, 304.	1.3	5
59	Auditory functional magnetic resonance imaging in dogs – normalization and group analysis and the processing of pitch in the canine auditory pathways. <i>BMC Veterinary Research</i> , 2016, 12, 32.	0.7	5
60	Effect of pimobendan on physical fitness, lactate and echocardiographic parameters in dogs with preclinical mitral valve disease without cardiomegaly. <i>PLoS ONE</i> , 2019, 14, e0223164.	1.1	5
61	Comparison of two prototypes of a magnetically adjustable glaucoma implant in rabbits. <i>PLoS ONE</i> , 2019, 14, e0215316.	1.1	5
62	Pan- and Isoform-specific Inhibition of the Bromodomain and Extra-terminal Proteins and Evaluation of Synergistic Potential With Entospletinib in Canine Lymphoma. <i>Anticancer Research</i> , 2020, 40, 3781-3792.	0.5	5
63	Evaluation of a Treadmill-Based Submaximal Fitness Test in Pugs, and Collecting Breed-Specific Information on Brachycephalic Obstructive Airway Syndrome. <i>Animals</i> , 2022, 12, 1585.	1.0	5
64	Ultrashort laser pulse cell manipulation using nano- and micro- materials. , 2010, , .		4
65	Multiplex Gene Expression Profiling of 16 Target Genes in Neoplastic and Non-Neoplastic Canine Mammary Tissues Using Branched-DNA Assay. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1589.	1.8	4
66	Isoquinolinamine FX-9 Exhibits Anti-Mitotic Activity in Human and Canine Prostate Carcinoma Cell Lines. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5567.	1.8	4
67	PDA Indolylmaleimides Induce Anti-Tumor Effects in Prostate Carcinoma Cell Lines Through Mitotic Death. <i>Frontiers in Veterinary Science</i> , 2020, 7, 558135.	0.9	4
68	BTK and PI3K Inhibitors Reveal Synergistic Inhibitory Anti-Tumoral Effects in Canine Diffuse Large B-Cell Lymphoma Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12673.	1.8	4
69	Antigen profiling analysis of vaccinia virus injected canine tumors. <i>Bioengineered</i> , 2014, 5, 319-325.	1.4	3
70	Radiographic determination of humeroradial, humeroulnar, and radioulnar subluxation indices to quantify elbow incongruence in dogs confirmed to have medial coronoid disease. <i>Research in Veterinary Science</i> , 2019, 126, 83-88.	0.9	3
71	Ablation of Red Stable Transfected Claudin Expressing Canine Prostate Adenocarcinoma and Transitional Cell Carcinoma Cell Lines by C-CPE Gold-Nanoparticle-Mediated Laser Intervention. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12289.	1.8	3
72	Left Ventricular Wall Reconstruction with Autologous Vascularized Tunica Muscularis of Stomach in a Porcine Pilot Model. <i>European Surgical Research</i> , 2023, 64, 177-184.	0.6	3

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73	Evaluation of the therapeutic potential of masitinib and expression of its specific targets $\text{c-kit}$ , $\text{PDGFR}\alpha$ , $\text{PDGFR}\beta$ , and Lyn in canine prostate cancer cell lines. <i>Veterinary and Comparative Oncology</i> , 2022, 20, 641-652.	0.8	3
74	Effect of antioxidants, mitochondrial cofactors and omega-3 fatty acids on telomere length and kinematic joint mobility in young and old shepherd dogs – A randomized, blinded and placebo-controlled study. <i>Research in Veterinary Science</i> , 2020, 129, 137-153.	0.9	2
75	Establishment and characterization of stable red, far-red (fR) and near infra-red (NIR) transfected canine prostate cancer cell lines. <i>Cancer Cell International</i> , 2020, 20, 139.	1.8	2
76	Use of modified Custodiol-N as perfusion solution in ex vivo lung perfusion. <i>American Journal of Translational Research (discontinued)</i> , 2020, 12, 153-161.	0.0	2
77	Engraftment Effects after Intra-Bone Marrow versus Intravenous Allogeneic Stem Cell Transplantation in a Reduced-Intensity Conditioning Dog Leukocyte Antigen-Identical Canine Model. <i>Transplantation and Cellular Therapy</i> , 2022, 28, 70.e1-70.e5.	0.6	2
78	RNA-seq of nine canine prostate cancer cell lines reveals diverse therapeutic target signatures. <i>Cancer Cell International</i> , 2022, 22, 54.	1.8	2
79	Graft-versus-Host Disease in a Dog After Reduced-intensity Hematopoietic Stem Cell Transplantation from a DLA-identical Littermate. <i>In Vivo</i> , 2016, 30, 427-32.	0.6	2
80	Chromosomal assignment of canine THADA gene to CFA 10q25. <i>Molecular Cytogenetics</i> , 2008, 1, 11.	0.4	1
81	Evaluation of canine intervertebral disc degeneration in colour-coded computed tomography. <i>Irish Veterinary Journal</i> , 2015, 68, 26.	0.8	1
82	“Disk extension beyond the interspace” – an investigation into an alternative nomenclature in diagnostic imaging for displaced canine intervertebral disk material. <i>BMC Veterinary Research</i> , 2015, 11, 110.	0.7	1
83	Evaluation of canine prostate volume in calculated tomographic images - comparison of two assessment methods. <i>BMC Veterinary Research</i> , 2019, 15, 361.	0.7	1
84	Development of a zoomorphic test specimen for constancy testing on digital X-ray systems in veterinary radiology. <i>Acta Veterinaria Scandinavica</i> , 2019, 61, 40.	0.5	1
85	The effect of treatment with pimobendan in dogs with preclinical mitral valve disease – a placebo-controlled double-blinded crossover study. <i>BMC Veterinary Research</i> , 2021, 17, 310.	0.7	1
86	Establishment and Characterization of FusionRed Stable Transfected Canine Prostate Adenocarcinoma and Transitional Cell Carcinoma Cells. <i>In Vivo</i> , 2022, 36, 170-179.	0.6	1
87	An individually adjusted endurance test reveals differences in physical fitness between young and old Beagles. <i>Tierärztliche Praxis Ausgabe K: Kleintiere - Heimtiere</i> , 2021, 49, 165-172.	0.3	0
88	Evaluation of combination protocols of the chemotherapeutic agent FX-9 with azacitidine, dichloroacetic acid, doxorubicin or carboplatin on prostate carcinoma cell lines. <i>PLoS ONE</i> , 2021, 16, e0256468.	1.1	0