Nicola Beindorff

List of Publications by Year
in descending order

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40 papers	778 citations	516710 16 h-index	552781 26 g-index
41 all docs	41 docs citations	41 times ranked	923 citing authors

#	Article	IF	Citations
1	Luteal blood flow is a more appropriate indicator for luteal function during the bovine estrous cycle than luteal size. Theriogenology, 2010, 73, 691-697.	2.1	129
2	Dual SGLT-1 and SGLT-2 inhibition improves left atrial dysfunction in HFpEF. Cardiovascular Diabetology, 2021, 20, 7.	6.8	54
3	Luteal blood flow increases during the first three weeks of pregnancy in lactating dairy cows. Theriogenology, 2011, 75, 549-554.	2.1	49
4	18F-FDG-PET Detects Drastic Changes in Brain Metabolism in the Tg4â€“42 Model of Alzheimerâ€™s Disease. Frontiers in Aging Neuroscience, 2018, 10, 425.	3.4	49
5	Plasma progesterone concentrations in the mid-luteal phase are dependent on luteal size, but independent of luteal blood flow and gene expression in lactating dairy cows. Animal Reproduction Science, 2011, 125, 20-29.	1.5	46
6	Analysis of Motor Function in the Tg4-42 Mouse Model of Alzheimerâ€™s Disease. Frontiers in Behavioral Neuroscience, 2019, 13, 107.	2.0	41
7	T2 and T2* measurements of fetal brain oxygenation during hypoxia with MRI at 3T: correlation with fetal arterial blood oxygen saturation. European Radiology, 2010, 20, 121-127.	4.5	33
8	Low plasma progesterone concentrations are accompanied by reduced luteal blood flow and increased size of the dominant follicle in dairy cows. Theriogenology, 2011, 76, 12-22.	2.1	28
9	Expression of prostaglandin F2Î± (PGF2Î±) receptor and its isoforms in the bovine corpus luteum during the estrous cycle and PGF2Î±-induced luteolysis. Domestic Animal Endocrinology, 2012, 43, 227-238.	1.6	28
10	CMKLR1-targeting peptide tracers for PET/MR imaging of breast cancer. Theranostics, 2019, 9, 6719-6733.	10.0	25
11	Effects of human chorionic gonadotropin on luteal blood flow and progesterone secretion in cows and in vitroâ€“microdialyzed corpora lutea. Theriogenology, 2009, 72, 528-534.	2.1	24
12	Dianthin-EGF is an effective tumor targeted toxin in combination with saponins in a xenograft model for colon carcinoma. Future Oncology, 2014, 10, 2161-2175.	2.4	24
13	In vivo Imaging With 18F-FDG- and 18F-Florbetaben-PET/MRI Detects Pathological Changes in the Brain of the Commonly Used 5XFAD Mouse Model of Alzheimer's Disease. Frontiers in Medicine, 2020, 7, 529.	2.6	23
14	Vascular Changes in the Corpus Luteum During Early Pregnancy in the Cow. Journal of Reproduction and Development, 2010, 56, 263-270.	1.4	22
15	Effect of oxytocin infusion on luteal blood flow and progesterone secretion in dairy cattle. Journal of Veterinary Science, 2012, 13, 67.	1.3	18
16	Prenatal stress programs lipid metabolism enhancing cardiovascular risk in the female F1, F2, and F3 generation in the primate model common marmoset (Callithrix jacchus). Journal of Medical Primatology, 2012, 41, 231-240.	0.6	16
17	Antitumor and antiangiogenic activity of the novel chimeric inhibitor animacroxam in testicular germ cell cancer. Molecular Oncology, 2019, 13, 2679-2696.	4.6	16
18	Effects of Induction of Ovulation with GnRH or hCG on Follicular and Luteal Blood Flow in Holsteinâ€“Friesian Heifers. Reproduction in Domestic Animals, 2011, 46, 781-786.	1.4	14

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19	Multimodal Imaging of 2-Cycle PRRT with ¹⁷⁷Lu-DOTA-JR11 and ¹⁷⁷Lu-DOTATOC in an Orthotopic Neuroendocrine Xenograft Tumor Mouse Model. Journal of Nuclear Medicine, 2021, 62, 393-398.	5.0	14
20	Multi-Isotope Capabilities of a Small-Animal Multi-Pinhole SPECT System. Journal of Nuclear Medicine, 2020, 61, 152-161.	5.0	13
21	Rightâ€ventricular dysfunction in HFpEF is linked to altered cardiomyocyte Ca²⁺ homeostasis and myofilament sensitivity. ESC Heart Failure, 2021, 8, 3130-3144.	3.1	12
22	Combined use of Ovsynch and progesterone supplementation after artificial insemination in dairy cattle. Journal of Dairy Science, 2012, 95, 4372-4381.	3.4	11
23	Discovery of a novel pseudo Î²-hairpin structure of N-truncated amyloid-Î² for use as a vaccine against Alzheimerâ€™s disease. Molecular Psychiatry, 2021, , .	7.9	11
24	Search strategy analysis of Tg4-42 Alzheimer Mice in the Morris Water Maze reveals early spatial navigation deficits. Scientific Reports, 2022, 12, 5451.	3.3	10
25	Characterization of [¹²³I]FPâ€CIT binding to the dopamine transporter in the striatum of tree shrews by quantitative in vitro autoradiography. Synapse, 2015, 69, 497-504.	1.2	9
26	Quantitative Brain Positron Emission Tomography in Female 5XFAD Alzheimer Mice: Pathological Features and Sex-Specific Alterations. Frontiers in Medicine, 2021, 8, 745064.	2.6	9
27	SPECT/CT Imaging, Biodistribution and Radiation Dosimetry of a 177Lu-DOTA-Integrin Î±vÎ²6 Cystine Knot Peptide in a Pancreatic Cancer Xenograft Model. Frontiers in Oncology, 2021, 11, 684713.	2.8	7
28	Normal Values of Thyroid Uptake of 99mTechnetium Pertechnetate SPECT in Mice with Respect to Age, Sex, and Circadian Rhythm. Nuklearmedizin - NuclearMedicine, 2018, 57, 181-189.	0.7	7
29	Luteotrophic effects of relaxin, chorionic gonadotrophin and FSH in common marmoset monkeys (Callithrix jacchus). Reproduction, 2010, 139, 923-930.	2.6	6
30	Diffusion-weighted magnetic resonance imaging using a preclinical 1ÂT PET/MRI in healthy and tumor-bearing rats. EJNMMI Research, 2019, 9, 21.	2.5	5
31	Increasing molar activity by HPLC purification improves 68Ga-DOTA-NAPamide tumor accumulation in a B16/F1 melanoma xenograft model. PLoS ONE, 2019, 14, e0217883.	2.5	5
32	A Cyanineâ€Bridged Somatostatin Hybrid Probe for Multimodal SSTR2 Imaging in Vitro and in Vivo: Synthesis and Evaluation. ChemBioChem, 2021, 22, 1307-1315.	2.6	5
33	Factors affecting the success of resynchronization protocols with or without progesterone supplementation in dairy cows. Journal of Veterinary Science, 2015, 16, 121.	1.3	4
34	Normal Values of Renal Function measured with 99mTechnetium Mercaptoacetyltriglycine SPECT in Mice with Respect to Age, Sex and Circadian Rhythm. Nuklearmedizin - NuclearMedicine, 2018, 57, 224-233.	0.7	4
35	Systematic Identification of MACC1-Driven Metabolic Networks in Colorectal Cancer. Cancers, 2021, 13, 978.	3.7	4
36	Normal Values for Parotid Gland and Submandibular-Sublingual Salivary Gland Complex Uptake of 99mTechnetium Pertechnetate using SPECT in Mice with Respect to Age, Sex, and Circadian Rhythm. Nuklearmedizin - NuclearMedicine, 2019, 58, 39-49.	0.7	1

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37	Accurate Monte Carlo Modeling of Small-Animal Multi-Pinhole SPECT for Non-Standard Multi-Isotope Applications. IEEE Transactions on Medical Imaging, 2021, 40, 2208-2220.	8.9	1
38	Relationship of Renal Function in Mice to Strain, Sex and 177Lutetium-Somatostatin Receptor Ligand Treatment. Nuklearmedizin - NuclearMedicine, 2020, 59, 381-386.	0.7	1
39	Radionuclide, magnetic resonance and computed tomography imaging in European round back slugs (Arionidae) and leopard slugs (Limacidae). Scientific Reports, 2021, 11, 13798.	3.3	0
40	18F-sodium fluoride bone deposition quantitation with PET in Mice: Variation with age, sex, and circadian rhythm. Nuklearmedizin - NuclearMedicine, 2020, 59, 428-437.	0.7	0