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	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
2	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
3	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
4	Dual SGLT-1 and SGLT-2 inhibition improves left atrial dysfunction in HFpEF. Cardiovascular Diabetology, 2021, 20, 7.	6.8	54
5	Systematic Identification of MACC1-Driven Metabolic Networks in Colorectal Cancer. Cancers, 2021, 13, 978.	3.7	4
6	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
7	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
8	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
9	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
10	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
11	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
12	Multi-Isotope Capabilities of a Small-Animal Multi-Pinhole SPECT System. Journal of Nuclear Medicine, 2020, 61, 152-161.	5.0	13
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	Relationship of Renal Function in Mice to Strain, Sex and 177Lutetium-Somatostatin Receptor Ligand Treatment. Nuklearmedizin - NuclearMedicine, 2020, 59, 381-386.	0.7	1
15	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
16	CMKLR1-targeting peptide tracers for PET/MR imaging of breast cancer. Theranostics, 2019, 9, 6719-6733.	10.0	25
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	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

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19	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
20	Analysis of Motor Function in the Tg4-42 Mouse Model of Alzheimerâ€™s Disease. Frontiers in Behavioral Neuroscience, 2019, 13, 107.	2.0	41
21	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
22	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
23	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
24	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
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	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
27	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
28	Combined use of Ovsynch and progesterone supplementation after artificial insemination in dairy cattle. Journal of Dairy Science, 2012, 95, 4372-4381.	3.4	11
29	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
30	Effect of oxytocin infusion on luteal blood flow and progesterone secretion in dairy cattle. Journal of Veterinary Science, 2012, 13, 67.	1.3	18
31	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
32	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
33	Luteal blood flow increases during the first three weeks of pregnancy in lactating dairy cows. Theriogenology, 2011, 75, 549-554.	2.1	49
34	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
35	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
36	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

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37	Vascular Changes in the Corpus Luteum During Early Pregnancy in the Cow. Journal of Reproduction and Development, 2010, 56, 263-270.	1.4	22
38	Luteotrophic effects of relaxin, chorionic gonadotrophin and FSH in common marmoset monkeys (Callithrix jacchus). Reproduction, 2010, 139, 923-930.	2.6	6
39	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
40	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