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List of Publications by Year in descending order

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55
papers

952
citations

623699

14
h-index

477281

29
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56
all docs

56
docs citations

56
times ranked

1612
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for bidirectional and trans-synaptic parasympathetic and sympathetic propagation of alpha-synuclein in rats. <i>Acta Neuropathologica</i> , 2019, 138, 535-550.	7.7	210
2	Genetically modified pig models for neurodegenerative disorders. <i>Journal of Pathology</i> , 2016, 238, 267-287.	4.5	97
3	Ageing promotes pathological alpha-synuclein propagation and autonomic dysfunction in wild-type rats. <i>Brain</i> , 2021, 144, 1853-1868.	7.6	73
4	Anaesthesia for positron emission tomography scanning of animal brains. <i>Laboratory Animals</i> , 2013, 47, 12-18.	1.0	70
5	In Vivo Imaging of Human Acetylcholinesterase Density in Peripheral Organs Using ¹¹ C-Donepezil: Dosimetry, Biodistribution, and Kinetic Analyses. <i>Journal of Nuclear Medicine</i> , 2014, 55, 1818-1824.	5.0	40
6	Acute Vagal Nerve Stimulation Lowers β_2 Adrenoceptor Availability: Possible Mechanism of Therapeutic Action. <i>Brain Stimulation</i> , 2015, 8, 702-707.	1.6	34
7	Nigrostriatal proteasome inhibition impairs dopamine neurotransmission and motor function in minipigs. <i>Experimental Neurology</i> , 2018, 303, 142-152.	4.1	27
8	Hepatobiliary Secretion Kinetics of Conjugated Bile Acids Measured in Pigs by ¹¹ C-Cholylsarcosine PET. <i>Journal of Nuclear Medicine</i> , 2016, 57, 961-966.	5.0	25
9	Is Virtual Fencing an Effective Way of Enclosing Cattle? <i>Personality, Herd Behaviour and Welfare. Animals</i> , 2022, 12, 842.	2.3	24
10	A fiducial skull marker for precise MRI-based stereotaxic surgery in large animal models. <i>Journal of Neuroscience Methods</i> , 2017, 285, 45-48.	2.5	23
11	Whole-Body Biodistribution, Dosimetry, and Metabolite Correction of [¹¹ C]Palmitate: A PET Tracer for Imaging of Fatty Acid Metabolism. <i>Molecular Imaging</i> , 2017, 16, 153601211773448.	1.4	23
12	Blood perfusion in osteomyelitis studied with [¹⁵ O]water PET in a juvenile porcine model. <i>EJNMMI Research</i> , 2017, 7, 4.	2.5	21
13	Effects of Anesthesia and Species on the Uptake or Binding of Radioligands In Vivo in the Göttingen Minipig. <i>BioMed Research International</i> , 2013, 2013, 1-9.	1.9	20
14	A PET Tracer for Renal Organic Cation Transporters, ¹¹ C-Metformin: Radiosynthesis and Preclinical Proof-of-Concept Studies. <i>Journal of Nuclear Medicine</i> , 2016, 57, 615-621.	5.0	20
15	In vivo quantification of glial activation in minipigs overexpressing human β -synuclein. <i>Synapse</i> , 2018, 72, e22060.	1.2	15
16	⁶⁸ Ga-labeled phage-display selected peptides as tracers for positron emission tomography imaging of <i>Staphylococcus aureus</i> biofilm-associated infections: Selection, radiolabelling and preliminary biological evaluation. <i>Nuclear Medicine and Biology</i> , 2016, 43, 593-605.	0.6	14
17	Cholinergic PET imaging in infections and inflammation using ¹¹ C-donepezil and ¹⁸ F-FEOBV. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 449-458.	6.4	14
18	When local anesthesia becomes universal: Pronounced systemic effects of subcutaneous lidocaine in bullfrogs (<i>Lithobates catesbeianus</i>). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2017, 209, 41-46.	1.8	13

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19	Exploring the radiosynthesis and <i>in vitro</i> characteristics of [⁶⁸ Ga]Ga-ε-DOTA-ε-Siglec-9. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2017, 60, 439-449.	1.0	12
20	Longitudinal monoaminergic PET imaging of chronic proteasome inhibition in minipigs. <i>Scientific Reports</i> , 2018, 8, 15715.	3.3	12
21	The CRISPR/Cas9 Minipig- A Transgenic Minipig to Produce Specific Mutations in Designated Tissues. <i>Cancers</i> , 2021, 13, 3024.	3.7	12
22	Kinetic Modelling of Infection Tracers [¹⁸ F]FDG, [⁶⁸ Ga]Ga-Citrate, [¹¹ C]Methionine, and [¹¹ C]Donepezil in a Porcine Osteomyelitis Model. <i>Contrast Media and Molecular Imaging</i> , 2017, 2017, 1-18.	0.8	11
23	Activation of NMDA receptor ion channels by deep brain stimulation in the pig visualised with [¹⁸ F]GE-179 PET. <i>Brain Stimulation</i> , 2020, 13, 1071-1078.	1.6	11
24	First predatory journals, now conferences: The need to establish lists of fake conferences. <i>Science of the Total Environment</i> , 2020, 715, 136990.	8.0	11
25	Quantitative estimation of extravascular lung water volume and preload by dynamic ¹⁵ O-water positron emission tomography. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 1120-1128.	1.2	9
26	Kinetic Modelling of [⁶⁸ Ga]Ga-DOTA-Siglec-9 in Porcine Osteomyelitis and Soft Tissue Infections. <i>Molecules</i> , 2019, 24, 4094.	3.8	9
27	Preclinical evaluation of potential infection-ε-imaging probe [⁶⁸ Ga]ε-DOTA-ε-K-ε-9 in sterile and infectious inflammation. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2018, 61, 780-795.	1.0	8
28	Preclinical PET Studies of [¹¹ C]UCB-J Binding in Minipig Brain. <i>Molecular Imaging and Biology</i> , 2020, 22, 1290-1300.	2.6	8
29	Electroconvulsive stimulation differentially affects [¹¹ C]MDL100,907 binding to cortical and subcortical 5HT _{2A} receptors in porcine brain. <i>Journal of Psychopharmacology</i> , 2019, 33, 714-721.	4.0	7
30	Cardiac ¹¹ C-Donepezil Binding Increases With Age in Healthy Humans: Potentially Signifying Sigma-1 Receptor Upregulation. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2019, 24, 365-370.	2.0	7
31	Radiotracers for Bone Marrow Infection Imaging. <i>Molecules</i> , 2021, 26, 3159.	3.8	7
32	[¹¹ C]NS8880, a promising PET radiotracer targeting the norepinephrine transporter. <i>Nuclear Medicine and Biology</i> , 2014, 41, 758-764.	0.6	6
33	Magnetic resonance imaging and computed tomography as tools for the investigation of sperm whale (<i>Physeter macrocephalus</i>) teeth and eye. <i>Acta Veterinaria Scandinavica</i> , 2017, 59, 38.	1.6	4
34	Segmental innervation of the Göttingen minipig hind body. An electrophysiological study. <i>Journal of Anatomy</i> , 2018, 233, 411-420.	1.5	4
35	Aviation, melting sea-ice and polar bears. <i>Environment International</i> , 2019, 133, 105279.	10.0	4
36	Visualization of intrathecal delivery by PET-imaging. <i>Journal of Neuroscience Methods</i> , 2019, 317, 45-48.	2.5	4

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37	Attempts to Target Staphylococcus aureus Induced Osteomyelitis Bone Lesions in a Juvenile Pig Model by Using Radiotracers. <i>Molecules</i> , 2020, 25, 4329.	3.8	4
38	Hepatic regeneration following radiation-induced liver injury is associated with increased hepatobiliary secretion measured by PET in Göttingen minipigs. <i>Scientific Reports</i> , 2020, 10, 10858.	3.3	4
39	Preclinical Testing of Radiopharmaceuticals for the Detection and Characterization of Osteomyelitis: Experiences from a Porcine Model. <i>Molecules</i> , 2021, 26, 4221.	3.8	4
40	[Tc]-labelled interleukin-8 as a diagnostic tool compared to [F]FDG and CT in an experimental porcine osteomyelitis model. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 10, 32-46.	1.0	4
41	Estimating Discard Mortality in Commercial Fisheries without Fish Dying: A 3R Challenge. <i>Animals</i> , 2022, 12, 782.	2.3	4
42	Muscle Tissue Saturation Compared With Muscle Tissue Perfusion During Low Blood Flows: An Experimental Study. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2017, 31, 2065-2071.	1.3	3
43	Biodistribution of [¹¹ C]-Metformin and mRNA Expression of Placentae Metformin Transporters in the Pregnant Chinchilla. <i>Contrast Media and Molecular Imaging</i> , 2019, 2019, 1-6.	0.8	3
44	3Rs as part of preclinical neuropsychiatric translational crisis, and ARRIVE guidelines as part of solution. <i>Acta Neuropsychiatrica</i> , 2019, 31, 348-349.	2.1	3
45	Set sustainable goals for the Arctic gateway coordinated international governance is required to resist yet another tipping point. <i>Science of the Total Environment</i> , 2021, 776, 146003.	8.0	3
46	Post Mortem Leukocyte Scintigraphy in Juvenile Pigs with Experimentally Induced Osteomyelitis. <i>Contrast Media and Molecular Imaging</i> , 2017, 2017, 1-6.	0.8	2
47	Cerebral blood flow measured by positron emission tomography during normothermic cardiopulmonary bypass: an experimental porcine study. <i>Perfusion (United Kingdom)</i> , 2018, 33, 346-353.	1.0	2
48	Monitoring variables affecting positron emission tomography measurements of cerebral blood flow in anaesthetized pigs. <i>Acta Veterinaria Scandinavica</i> , 2018, 60, 17.	1.6	2
49	Spontaneous partial recovery of striatal dopaminergic uptake despite nigral cell loss in asymptomatic MPTP-lesioned female minipigs. <i>NeuroToxicology</i> , 2022, 91, 166-176.	3.0	2
50	Environmental management of two of the world's most endangered marine and terrestrial predators: Vaquita and cheetah. <i>Environmental Research</i> , 2020, 190, 109966.	7.5	1
51	Validation and optimisation of an automatic blood sampler for preclinical positron emission tomography research in domestic pigs. <i>Laboratory Animals</i> , 2022, 56, 287-291.	1.0	1
52	Lymph Nodes Draining Infections Investigated by PET and Immunohistochemistry in a Juvenile Porcine Model. <i>Molecules</i> , 2022, 27, 2792.	3.8	1
53	Use of Animal Models in Molecular Imaging. <i>Contrast Media and Molecular Imaging</i> , 2020, 2020, 1-2.	0.8	0
54	Hepatic blood flow in adult Göttingen minipigs and pre-pubertal Danish Landrace x Yorkshire pigs. <i>Laboratory Animals</i> , 2021, 55, 350-357.	1.0	0

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55	Protein Inhibitor of Coagulation Factor Xa (PifXa): A New Protein-Based Specific Factor Xa Inhibitor Is An Effective, Reversible Inhibitor of Blood Coagulation.. Blood, 2010, 116, 1095-1095.	1.4	0