

Christopher T Winkelmann

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

472
citations

623734

14
h-index

713466

21
g-index

23
all docs

23
docs citations

23
times ranked

620
citing authors

#	ARTICLE	IF	CITATIONS
1	High-throughput micro-computed tomography imaging as a method to evaluate rat and rabbit fetal skeletal abnormalities for developmental toxicity studies. <i>Journal of Pharmacological and Toxicological Methods</i> , 2009, 59, 156-165.	0.7	48
2	TLD assessment of mouse dosimetry during microCT imaging. <i>Medical Physics</i> , 2008, 35, 3866-3874.	3.0	42
3	Microimaging Characterization of a B16-F10 Melanoma Metastasis Mouse Model. <i>Molecular Imaging</i> , 2006, 5, 7290.2006.00011.	1.4	39
4	Effect of odanacatib on bone turnover markers, bone density and geometry of the spine and hip of ovariectomized monkeys: A head-to-head comparison with alendronate. <i>Bone</i> , 2013, 56, 489-496.	2.9	36
5	High-resolution peripheral quantitative computed tomography and finite element analysis of bone strength at the distal radius in ovariectomized adult rhesus monkey demonstrate efficacy of odanacatib and differentiation from alendronate. <i>Bone</i> , 2013, 56, 497-505.	2.9	34
6	Evaluation of high-resolution peripheral quantitative computed tomography, finite element analysis and biomechanical testing in a pre-clinical model of osteoporosis: A study with odanacatib treatment in the ovariectomized adult rhesus monkey. <i>Bone</i> , 2012, 50, 1379-1388.	2.9	30
7	Micro-computed tomography and alizarin red evaluations of boric acid-induced fetal skeletal changes in Sprague-Dawley rats. <i>Birth Defects Research Part B: Developmental and Reproductive Toxicology</i> , 2009, 86, 214-219.	1.4	27
8	Evaluation of hydroxyurea-induced fetal skeletal changes in Dutch belted rabbits by micro-computed tomography and alizarin red staining. <i>Birth Defects Research Part B: Developmental and Reproductive Toxicology</i> , 2009, 86, 220-226.	1.4	27
9	Micro-computed tomographic evaluation of fetal skeletal changes induced by all-trans-retinoic acid in rats and rabbits. <i>Birth Defects Research Part B: Developmental and Reproductive Toxicology</i> , 2010, 89, 408-417.	1.4	25
10	Micro-computed tomography imaging and analysis in developmental biology and toxicology. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , 2013, 99, 71-82.	3.6	25
11	Functional imaging of olfaction by CBV fMRI in monkeys: Insight into the role of olfactory bulb in habituation. <i>NeuroImage</i> , 2015, 106, 364-372.	4.2	24
12	fMRI study of olfaction in the olfactory bulb and high olfactory structures of rats: Insight into their roles in habituation. <i>NeuroImage</i> , 2016, 127, 445-455.	4.2	23
13	Microimaging characterization of a B16-F10 melanoma metastasis mouse model. <i>Molecular Imaging</i> , 2006, 5, 105-14.	1.4	20
14	Odanacatib, effects of 16-month treatment and discontinuation of therapy on bone mass, turnover and strength in the ovariectomized rabbit model of osteopenia. <i>Bone</i> , 2016, 93, 86-96.	2.9	14
15	Non-invasive MicroCT Imaging Characterization and In Vivo Targeting of BB2 Receptor Expression of a PC-3 Bone Metastasis Model. <i>Molecular Imaging and Biology</i> , 2012, 14, 667-675.	2.6	10
16	fMRI study of the role of glutamate NMDA receptor in the olfactory adaptation in rats: Insights into cellular and molecular mechanisms of olfactory adaptation. <i>NeuroImage</i> , 2017, 149, 348-360.	4.2	10
17	fMRI study of the role of glutamate NMDA receptor in the olfactory processing in monkeys. <i>PLoS ONE</i> , 2018, 13, e0198395.	2.5	8
18	Assessment of near-infrared fluorophores to study the biodistribution and tumor targeting of an IL13 receptor ± 2 antibody by fluorescence molecular tomography. <i>Oncotarget</i> , 2017, 8, 57231-57245.	1.8	7

#	ARTICLE	IF	CITATIONS
19	Continuing Education Course #1. Toxicologic Pathology, 2011, 39, 267-272.	1.8	6
20	Considerations for conducting imaging studies in support of developmental toxicology studies for regulatory submission. Reproductive Toxicology, 2014, 48, 41-43.	2.9	3
21	In Vivo Small Animal Imaging. , 2013, , 287-315.		2
22	In Vivo Small Animal Imaging: A Comparison to Gross and Histopathologic Observations in Animal Models. , 2022, , 423-457.		0