Tim R Nagy

List of Publications by Year
in descending order

105 papers	5,700 citations	94433 37 h-index	82547 72 g-index
106 all docs	106 docs citations	106 times ranked	8167 citing authors

#	Article	IF	Citations
1	Adiposity, reproductive and metabolic health, and activity levels in zoo Asian elephant (Elephas) Tj ETQq1 1 0.784314 rgBT /Overlo	1.7	9
2	Mks6 mutations reveal tissueâ€•and cell typeâ€specific roles for the cilia transition zone. FASEB Journal, 2019, 33, 1440-1455.	0.5	19
3	Fat mass compared to four body condition scoring systems in the Asian elephant (Elephas maximus). Zoo Biology, 2019, 38, 424-433.	1.2	3
4	ASSESSMENT OF A MICROPLATE SYSTEM FOR MEASURING INDIVIDUAL REAL-TIME RESPIRATION IN SMALL MODEL ORGANISMS OF AGING. Innovation in Aging, 2019, 3, S918-S919.	0.1	0
5	SEX HORMONES AND ARTHRITIS IN A LONG-LIVED ANIMAL MODEL, THE ELEPHANT. Innovation in Aging, 2019, 3, S925-S926.	0.1	0
6	The translation of age-related body composition findings from rodents to humans. European Journal of Clinical Nutrition, 2019, 73, 172-178.	2.9	26
7	No Significant Effect of Maternal Perception of the Food Environment on Reproductive Success or Pup Outcomes in C57BL/6J Mice. Obesity, 2018, 26, 723-729.	3.0	0
8	Adiposity and Reproductive Cycling Status in Zoo African Elephants. Obesity, 2018, 26, 103-110.	3.0	14
9	Weight Cycling Increases Longevity Compared with Sustained Obesity in Mice. Obesity, 2018, 26, 1733-1739.	3.0	28
10	High-intensity interval training and calorie restriction promote remodeling of glucose and lipid metabolism in diet-induced obesity. American Journal of Physiology - Endocrinology and Metabolism, 2017, 313, E243-E256.	3.5	32
11	Validation of Dualâ€energy Xâ€ray Absorptiometry to Predict Body Composition of Channel Catfish, Ictalurus punctatus. Journal of the World Aquaculture Society, 2017, 48, 122-131.	2.4	9
12	Relationships between Rodent White Adipose Fat Pads and Human White Adipose Fat Depots. Frontiers in Nutrition, 2016, 3, 10.	3.7	239
13	Maternal Western diet increases adiposity even in male offspring of obesity-resistant rat dams: early endocrine risk markers. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 311, R1045-R1059.	1.8	25
14	Validation of Body Condition Indices and Quantitative Magnetic Resonance in Estimating Body Composition in a Small Lizard. Journal of Experimental Zoology, 2016, 325, 588-597.	1.2	36
15	Increased trabecular bone and improved biomechanics in an osteocalcin null rat model created by CRISPR/Cas9 technology. DMM Disease Models and Mechanisms, 2016, 9, 1169-1179.	2.4	66
16	Observational research rigour alone does not justify causal inference. European Journal of Clinical Investigation, 2016, 46, 985-993.	3.4	30
17	Carnitine Palmitoyltransferase 1b Deficiency Protects Mice from Diet-Induced Insulin Resistance. Journal of Diabetes & Metabolism, 2014, 05, 361.	0.2	27
18	Aging and energeticsâ€™ â€˜Top 40â€™ future research opportunities 2010-2013. F1000Research, 2014, 3, 219.	1.6	17

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19	Dietary Acrylamide and Human Cancer: A Systematic Review of Literature. Nutrition and Cancer, 2014, 66, 774-790.	2.0	104
20	Variations in body weight, food intake and body composition after long-term high-fat diet feeding in C57BL/6J mice. Obesity, 2014, 22, 2147-2155.	3.0	217
21	S-(â˜)equol producing status not associated with breast cancer risk among low isoflavone-consuming US postmenopausal women undergoing a physician-recommended breast biopsy. Nutrition Research, 2014, 34, 116-125.	2.9	17
22	Dietary Protein Source Influence on Body Size and Composition in Growing Zebrafish. Zebrafish, 2013, 10, 439-446.	1.1	40
23	Racial differences in adiponectin and leptin in healthy premenopausal women. Endocrine, 2013, 43, 586-592.	2.3	34
24	Measurement of interscapular brown adipose tissue of mice in differentially housed temperatures by chemicalâ€shiftâ€“encoded waterâ€“fat MRI. Journal of Magnetic Resonance Imaging, 2013, 38, 1425-1433.	3.4	28
25	Mammography utilization among Black and White Medicare beneficiaries in high breast cancer mortality US counties. Cancer Causes and Control, 2013, 24, 2187-2196.	1.8	15
26	Noninvasive measurements of body composition and body water via quantitative magnetic resonance, deuterium water, and dual-energy x-ray absorptiometry in awake and sedated dogs. American Journal of Veterinary Research, 2013, 74, 733-743.	0.6	18
27	Effects of risperidone on energy balance in female C57BL/6J mice. Obesity, 2013, 21, 1850-1857.	3.0	9
28	Leptin resistance is a secondary consequence of the obesity in ciliopathy mutant mice. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 7796-7801.	7.1	82
29	Noninvasive measurements of body composition and body water via quantitative magnetic resonance, deuterium water, and dual-energy x-ray absorptiometry in cats. American Journal of Veterinary Research, 2013, 74, 721-732.	0.6	15
30	Chemical-shift water-fat MRI of white adipose depots: inability to resolve cell size differences. International Journal of Body Composition Research, 2013, 11, 9-16.	0.5	5
31	Atypical antipsychotic drugs inhibit trabecular bone accrual in C57BL/6J mice. International Journal of Body Composition Research, 2013, 11, 21-24.	0.5	2
32	Intraâ€Abdominal Adipose Tissue Is Independently Associated With Sexâ€Hormone Binding Globulin in Premenopausal Women. Obesity, 2012, 20, 1012-1015.	3.0	19
33	Reduced Mitogenicity of Sera Following Weight Loss in Premenopausal Women. Nutrition and Cancer, 2011, 63, 916-923.	2.0	3
34	Results of Extremelyâ€lowâ€birthâ€weight Infants Randomized to Receive Extra Enteral Calcium Supply. Journal of Pediatric Gastroenterology and Nutrition, 2011, 53, 339-345.	1.8	11
35	Chronic Exposure to a High-Fat Diet Induces Hepatic Steatosis, Impairs Nitric Oxide Bioavailability, and Modifies the Mitochondrial Proteome in Mice. Antioxidants and Redox Signaling, 2011, 15, 447-459.	5.4	104
36	Long-term effects of high-fat or high-carbohydrate diets on glucose tolerance in mice with heterozygous carnitine palmitoyltransferase-1a deficiency. Nutrition and Diabetes, 2011, 1, e14-e14.	3.2	27

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37	Quantification of Absolute Fat Mass by Magnetic Resonance Imaging: a Validation Study against Chemical Analysis. International Journal of Body Composition Research, 2011, 9, 111-122.	0.5	23
38	The Role of European Genetic Admixture in the Etiology of the Insulin Resistance Syndrome in Children: Are the Effects Mediated by Fat Accumulation?. Journal of Pediatrics, 2010, 157, 50-56.e1.	1.8	16
39	Identification of brown adipose tissue in mice with fatâ€“water IDEALâ€MRI. Journal of Magnetic Resonance Imaging, 2010, 31, 1195-1202.	3.4	131
40	Calorie restriction: what recent results suggest for the future of ageing research. European Journal of Clinical Investigation, 2010, 40, 440-450.	3.4	73
41	The Effect of Mannan Oligosaccharide Supplementation on Body Weight Gain and Fat Accrual in C57Bl/6J Mice. Obesity, 2010, 18, 995-999.	3.0	28
42	Therapeutic potential of genetically modified adult stem cells for osteopenia. Gene Therapy, 2010, 17, 105-116.	4.5	39
43	Dietary Strontium Increases Bone Mineral Density in Intact Zebrafish (Danio rerio): A Potential Model System for Bone Research. Zebrafish, 2010, 7, 267-273.	1.1	28
44	Role of Phytoestrogens in Cancer Therapy. Planta Medica, 2010, 76, 1132-1142.	1.3	71
45	Mild Calorie Restriction Induces Fat Accumulation in Female C57BL/6J Mice. Obesity, 2010, 18, 456-462.	3.0	49
46	High-fat diet exacerbates inflammation and cell survival signals in the skin of ultraviolet B-irradiated C57BL/6 mice. Toxicology and Applied Pharmacology, 2009, 241, 303-310.	2.8	29
47	Microâ€computed tomographic analysis of bone healing subsequent to graft placement. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2009, 88B, 611-618.	3.4	25
48	Risperidone alters food intake, core body temperature, and locomotor activity in mice. Physiology and Behavior, 2009, 96, 457-463.	2.1	38
49	Effect of exercise and calorie restriction on biomarkers of aging in mice. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 294, R1618-R1627.	1.8	55
50	The Effect of Class A Scavenger Receptor Deficiency in Bone. Journal of Biological Chemistry, 2007, 282, 4653-4660.	3.4	21
51	Cancer Progression in the Transgenic Adenocarcinoma of Mouse Prostate Mouse Is Related to Energy Balance, Body Mass, and Body Composition, but not Food Intake. Cancer Research, 2007, 67, 417-424.	0.9	43
52	SIRT1 Is Significantly Elevated in Mouse and Human Prostate Cancer. Cancer Research, 2007, 67, 6612-6618.	0.9	403
53	Feeding microstructure in dietâ€induced obesity susceptible versus resistant rats: central effects of urocortin 2. Journal of Physiology, 2007, 583, 487-504.	2.9	44
54	Disruption of Intraflagellar Transport in Adult Mice Leads to Obesity and Slow-Onset Cystic Kidney Disease. Current Biology, 2007, 17, 1586-1594.	3.9	425

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55	Effect of dairy supplementation on body composition and insulin resistance in mice. Nutrition, 2007, 23, 836-843.	2.4	8
56	Urocortin 2 modulates glucose utilization and insulin sensitivity in skeletal muscle. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 16580-16585.	7.1	65
57	Dual-Energy X-Ray Absorptiometry Analysis of Implants in Rat Tibiae. Implant Dentistry, 2005, 14, 294-300.	1.3	1
58	Antipsychotic drug-induced weight gain: development of an animal model. International Journal of Obesity, 2005, 29, 607-614.	3.4	101
59	Comparison of the Lunar DPX-L and Prodigy dual-energy X-ray absorptiometers for assessing total and regional body composition. International Journal of Body Composition Research, 2005, 3, 25-30.	0.5	13
60	Phenotypic effects of calorie restriction and insulin-like growth factor-1 treatment on body composition and bone mineral density of C57BL/6 mice: implications for cancer prevention. In Vivo, 2005, 19, 667-74.	1.3	37
61	Activation of the Retinoid X Receptor Suppresses Appetite in the Rat. Endocrinology, 2004, 145, 565-573.	2.8	31
62	AZT Enhances Osteoclastogenesis and Bone Loss. AIDS Research and Human Retroviruses, 2004, 20, 608-620.	1.1	51
63	Quantitative Trait Loci Specifying the Response of Body Temperature to Dietary Restriction. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2004, 59, B118-B125.	3.6	19
64	Molecules Mimicking Smad1 Interacting with Hox Stimulate Bone Formation. Journal of Biological Chemistry, 2004, 279, 11313-11319.	3.4	44
65	Ucp3 Expression during Weight Gain and Loss, Cold Exposure, and Fasting in the Collared Lemming. Obesity, 2004, 12, 1690-1697.	4.0	3
66	Role of UCP2 and UCP3 in nutrition and obesity. Nutrition, 2004, 20, 139-144.	2.4	35
67	Weight change affects serum leptin and corticosterone in the collared lemming. General and Comparative Endocrinology, 2004, 136, 30-36.	1.8	25
68	Osteogenic Differentiation of Recombinant Adeno-Associated Virus 2-Transduced Murine Mesenchymal Stem Cells and Development of an Immunocompetent Mouse Model forEx VivoOsteoporosis Gene Therapy. Human Gene Therapy, 2004, 15, 1197-1206.	2.7	59
69	Osteogenic Differentiation of Recombinant Adeno-Associated Virus 2-Transduced Murine Mesenchymal Stem Cells and Development of an Immunocompetent Mouse Model for Ex Vivo Osteoporosis Gene Therapy. Human Gene Therapy, 2004, .	2.7	1
70	Measurement of Body and Liver Fat in Small Animals Using Peripheral Quantitative Computed Tomography. International Journal of Body Composition Research, 2004, 1, 155-160.	0.5	3
71	Non-invasive measure of body composition of snakes using dual-energy X-ray absorptiometry. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2003, 136, 379-389.	1.8	24
72	Strain variation in the response of body temperature to dietary restriction. Mechanisms of Ageing and Development, 2003, 124, 663-678.	4.6	102

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73	HIV Protease Inhibitor Ritonavir Induces Lipoatrophy in Male Mice. AIDS Research and Human Retroviruses, 2003, 19, 1141-1150.	1.1	23
74	Osteoclast Apoptosis: The Role of Fasin Vivoandin Vitro. Endocrinology, 2003, 144, 5545-5555.	2.8	84
75	Mice Lacking Phosphatidylinositol Transfer Protein-Î± Exhibit Spinocerebellar Degeneration, Intestinal and Hepatic Steatosis, and Hypoglycemia. Journal of Biological Chemistry, 2003, 278, 33501-33518.	3.4	103
76	Corticotropin-Releasing Factor Receptor-2-Deficient Mice Display Abnormal Homeostatic Responses to Challenges of Increased Dietary Fat and Cold. Endocrinology, 2003, 144, 2580-2587.	2.8	79
77	Differential effects of a centrally acting fatty acid synthase inhibitor in lean and obese mice. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 1921-1925.	7.1	130
78	Evaluation of Liver Fatty Acid Oxidation in the Leptin-Deficient Obese Mouse. Molecular Genetics and Metabolism, 2002, 75, 219-226.	1.1	28
79	Body Composition in a Seasonal Model of Obesity: Longitudinal Measures and Validation of DXA. Obesity, 2002, 10, 1180-1187.	4.0	28
80	Estradiol May Limit Lipid Oxidation via Cpt 1 Expression and Hormonal Mechanisms. Obesity, 2002, 10, 167-172.	4.0	23
81	Effect of Group vs. Single Housing on Phenotypic Variance in C57BL/6J Mice. Obesity, 2002, 10, 412-415.	4.0	86
82	Effects of Energy Expenditure and Ucp1 on Photoperiodâ€Induced Weight Gain in Collared Lemmings. Obesity, 2002, 10, 541-550.	4.0	36
83	Validation of Peripheral Dual-Energy X-Ray Absorptiometry for the Measurement of Bone Mineral in Intact and Excised Long Bones of Rats*. Journal of Bone and Mineral Research, 2001, 16, 1682-1687.	2.8	55
84	Effect of feeding on circulating micronutrient concentrations in the Burmese python (Python) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 2001, 129, 673-679.	1.8	7
85	Do adaptive changes in metabolic rate favor weight regain in weight-reduced individuals? An examination of the set-point theory. American Journal of Clinical Nutrition, 2000, 72, 1088-1094.	4.7	186
86	Precision and Accuracy of Dualâ€Energy Xâ€ray Absorptiometry for Determining in Vivo Body Composition of Mice. Obesity, 2000, 8, 392-398.	4.0	260
87	Visceral fat, insulin sensitivity, and lipids in prepubertal children.. Diabetes, 1999, 48, 1515-1521.	0.6	287
88	Developmental Changes in Energy Expenditure and Physical Activity in Children: Evidence for a Decline in Physical Activity in Girls Before Puberty. Pediatrics, 1998, 101, 887-891.	2.1	209
89	Serum Leptin Concentrations and Weight Gain in Postobese, Postmenopausal Women. Obesity, 1998, 6, 257-261.	4.0	22
90	Relationships between Dietary Fat, Body Fat, and Serum Lipid Profile in Prepubertal Children. Obesity, 1998, 6, 400-407.	4.0	34

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91	Serum Leptin and Energy Expenditure in Children¹. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 4149-4153.	3.6	32
92	Effects of Gender, Ethnicity, Body Composition, and Fat Distribution on Serum Leptin Concentrations in Children1. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 2148-2152.	3.6	128
93	Effects of Gender, Ethnicity, Body Composition, and Fat Distribution on Serum Leptin Concentrations in Children. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 2148-2152.	3.6	114
94	Influence of Photoperiod, Time, and Sex on Hormone Concentrations in Collared Lemmings (Dicrostonyx groenlandicus). General and Comparative Endocrinology, 1996, 101, 53-62.	1.8	17
95	Endocrine Correlates of Seasonal Body Mass Dynamics in the Collared Lemming (Dicrostonyx) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.7	25
96	Obesity in Children: Recent Advances in Energy Metabolism and Body Composition. Obesity, 1995, 3, 277-289.	4.0	30
97	Photoperiod effects on body mass, body composition, growth hormone, and thyroid hormones in male collared lemmings (Dicrostonyx groenlandicus). Canadian Journal of Zoology, 1994, 72, 1726-1734.	1.0	17
98	Effect of Photoperiod, Testosterone, and Estradiol on Body Mass, Bifid Claw Size, and Pelage Color in Collared Lemmings (Dicrostonyx groenlandicus). General and Comparative Endocrinology, 1994, 93, 459-470.	1.8	13
99	Response of collared lemmings to melatonin: I. Implants and photoperiod. Journal of Pineal Research, 1994, 17, 177-184.	7.4	7
100	Response of collared lemmings to melatonin: II. Infusions and photoperiod. Journal of Pineal Research, 1994, 17, 185-194.	7.4	7
101	Role of prolactin and the gonads in seasonal physiological changes in the collared lemming (Dicrostonyx groenlandicus). The Journal of Experimental Zoology, 1993, 266, 92-101.	1.4	19
102	Threshold photoperiods for the induction of short day traits in collared lemmings (Dicrostonyx) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30	1.4	17
103	Development of collared lemmings,Dicrostonyx groenlandicus, is influenced by pre- and postweaning photoperiods. The Journal of Experimental Zoology, 1993, 267, 533-542.	1.4	13
104	Effects of Photoperiod History and Temperature on Male Collared Lemmings, Dicrostonyx groenlandicus. Journal of Mammalogy, 1993, 74, 990-998.	1.3	29
105	Energy Acquisition and Allocation in Male Collared Lemmings (Dicrostonyx groenlandicus): Effects of Photoperiod, Temperature, and Diet Quality. Physiological Zoology, 1993, 66, 537-560.	1.5	59