

Tim R Nagy

List of Publications by Year in descending order

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105
papers

5,700
citations

108046

37
h-index

93651

72
g-index

106
all docs

106
docs citations

106
times ranked

8969
citing authors

#	ARTICLE	IF	CITATIONS
1	Adiposity, reproductive and metabolic health, and activity levels in zoo Asian elephant (<i>Elephas</i>)	0.8	14
2	Mks6 mutations reveal tissue- and cell type-specific roles for the cilia transition zone. <i>FASEB Journal</i> , 2019, 33, 1440-1455.	0.2	19
3	Fat mass compared to four body condition scoring systems in the Asian elephant (<i>Elephas maximus</i>). <i>Zoo Biology</i> , 2019, 38, 424-433.	0.5	3
4	ASSESSMENT OF A MICROPLATE SYSTEM FOR MEASURING INDIVIDUAL REAL-TIME RESPIRATION IN SMALL MODEL ORGANISMS OF AGING. <i>Innovation in Aging</i> , 2019, 3, S918-S919.	0.0	0
5	SEX HORMONES AND ARTHRITIS IN A LONG-LIVED ANIMAL MODEL, THE ELEPHANT. <i>Innovation in Aging</i> , 2019, 3, S925-S926.	0.0	0
6	The translation of age-related body composition findings from rodents to humans. <i>European Journal of Clinical Nutrition</i> , 2019, 73, 172-178.	1.3	26
7	No Significant Effect of Maternal Perception of the Food Environment on Reproductive Success or Pup Outcomes in C57BL/6J Mice. <i>Obesity</i> , 2018, 26, 723-729.	1.5	0
8	Adiposity and Reproductive Cycling Status in Zoo African Elephants. <i>Obesity</i> , 2018, 26, 103-110.	1.5	14
9	Weight Cycling Increases Longevity Compared with Sustained Obesity in Mice. <i>Obesity</i> , 2018, 26, 1733-1739.	1.5	28
10	High-intensity interval training and calorie restriction promote remodeling of glucose and lipid metabolism in diet-induced obesity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2017, 313, E243-E256.	1.8	32
11	Validation of Dual-Energy X-ray Absorptiometry to Predict Body Composition of Channel Catfish, <i>Ictalurus punctatus</i> . <i>Journal of the World Aquaculture Society</i> , 2017, 48, 122-131.	1.2	9
12	Relationships between Rodent White Adipose Fat Pads and Human White Adipose Fat Depots. <i>Frontiers in Nutrition</i> , 2016, 3, 10.	1.6	239
13	Maternal Western diet increases adiposity even in male offspring of obesity-resistant rat dams: early endocrine risk markers. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 311, R1045-R1059.	0.9	25
14	Validation of Body Condition Indices and Quantitative Magnetic Resonance in Estimating Body Composition in a Small Lizard. <i>Journal of Experimental Zoology</i> , 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. <i>DMM Disease Models and Mechanisms</i> , 2016, 9, 1169-1179.	1.2	66
16	Observational research rigour alone does not justify causal inference. <i>European Journal of Clinical Investigation</i> , 2016, 46, 985-993.	1.7	30
17	Carnitine Palmitoyltransferase 1b Deficiency Protects Mice from Diet-Induced Insulin Resistance. <i>Journal of Diabetes & Metabolism</i> , 2014, 05, 361.	0.2	27
18	Ageing and energetics - Top 40 future research opportunities 2010-2013. <i>F1000Research</i> , 2014, 3, 219.	0.8	17

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19	Dietary Acrylamide and Human Cancer: A Systematic Review of Literature. <i>Nutrition and Cancer</i> , 2014, 66, 774-790.	0.9	104
20	Variations in body weight, food intake and body composition after long-term high-fat diet feeding in C57BL/6J mice. <i>Obesity</i> , 2014, 22, 2147-2155.	1.5	217
21	S-(α)equol producing status not associated with breast cancer risk among low isoflavone-consuming US postmenopausal women undergoing a physician-recommended breast biopsy. <i>Nutrition Research</i> , 2014, 34, 116-125.	1.3	17
22	Dietary Protein Source Influence on Body Size and Composition in Growing Zebrafish. <i>Zebrafish</i> , 2013, 10, 439-446.	0.5	40
23	Racial differences in adiponectin and leptin in healthy premenopausal women. <i>Endocrine</i> , 2013, 43, 586-592.	1.1	34
24	Measurement of interscapular brown adipose tissue of mice in differentially housed temperatures by chemical-shift-encoded water-fat MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 38, 1425-1433.	1.9	28
25	Mammography utilization among Black and White Medicare beneficiaries in high breast cancer mortality US counties. <i>Cancer Causes and Control</i> , 2013, 24, 2187-2196.	0.8	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. <i>American Journal of Veterinary Research</i> , 2013, 74, 733-743.	0.3	18
27	Effects of risperidone on energy balance in female C57BL/6J mice. <i>Obesity</i> , 2013, 21, 1850-1857.	1.5	9
28	Leptin resistance is a secondary consequence of the obesity in ciliopathy mutant mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 7796-7801.	3.3	82
29	Noninvasive measurements of body composition and body water via quantitative magnetic resonance, deuterium water, and dual-energy x-ray absorptiometry in cats. <i>American Journal of Veterinary Research</i> , 2013, 74, 721-732.	0.3	15
30	Chemical-shift water-fat MRI of white adipose depots: inability to resolve cell size differences. <i>International Journal of Body Composition Research</i> , 2013, 11, 9-16.	0.5	5
31	Atypical antipsychotic drugs inhibit trabecular bone accrual in C57BL/6J mice. <i>International Journal of Body Composition Research</i> , 2013, 11, 21-24.	0.5	2
32	Intra-Abdominal Adipose Tissue Is Independently Associated With Sex-Hormone Binding Globulin in Premenopausal Women. <i>Obesity</i> , 2012, 20, 1012-1015.	1.5	19
33	Reduced Mitogenicity of Sera Following Weight Loss in Premenopausal Women. <i>Nutrition and Cancer</i> , 2011, 63, 916-923.	0.9	3
34	Results of Extremely Low-Birth-Weight Infants Randomized to Receive Extra Enteral Calcium Supply. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2011, 53, 339-345.	0.9	11
35	Chronic Exposure to a High-Fat Diet Induces Hepatic Steatosis, Impairs Nitric Oxide Bioavailability, and Modifies the Mitochondrial Proteome in Mice. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 447-459.	2.5	104
36	Long-term effects of high-fat or high-carbohydrate diets on glucose tolerance in mice with heterozygous carnitine palmitoyltransferase-1a deficiency. <i>Nutrition and Diabetes</i> , 2011, 1, e14-e14.	1.5	27

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37	Quantification of Absolute Fat Mass by Magnetic Resonance Imaging: a Validation Study against Chemical Analysis. <i>International Journal of Body Composition Research</i> , 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?. <i>Journal of Pediatrics</i> , 2010, 157, 50-56.e1.	0.9	16
39	Identification of brown adipose tissue in mice with fatâ€“water IDEALâ€“MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 31, 1195-1202.	1.9	131
40	Calorie restriction: what recent results suggest for the future of ageing research. <i>European Journal of Clinical Investigation</i> , 2010, 40, 440-450.	1.7	73
41	The Effect of Mannan Oligosaccharide Supplementation on Body Weight Gain and Fat Accrual in C57Bl/6J Mice. <i>Obesity</i> , 2010, 18, 995-999.	1.5	28
42	Therapeutic potential of genetically modified adult stem cells for osteopenia. <i>Gene Therapy</i> , 2010, 17, 105-116.	2.3	39
43	Dietary Strontium Increases Bone Mineral Density in Intact Zebrafish (<i>Danio rerio</i>): A Potential Model System for Bone Research. <i>Zebrafish</i> , 2010, 7, 267-273.	0.5	28
44	Role of Phytoestrogens in Cancer Therapy. <i>Planta Medica</i> , 2010, 76, 1132-1142.	0.7	71
45	Mild Calorie Restriction Induces Fat Accumulation in Female C57Bl/6J Mice. <i>Obesity</i> , 2010, 18, 456-462.	1.5	49
46	High-fat diet exacerbates inflammation and cell survival signals in the skin of ultraviolet B-irradiated C57BL/6 mice. <i>Toxicology and Applied Pharmacology</i> , 2009, 241, 303-310.	1.3	29
47	Microâ€“computed tomographic analysis of bone healing subsequent to graft placement. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2009, 88B, 611-618.	1.6	25
48	Risperidone alters food intake, core body temperature, and locomotor activity in mice. <i>Physiology and Behavior</i> , 2009, 96, 457-463.	1.0	38
49	Effect of exercise and calorie restriction on biomarkers of aging in mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 294, R1618-R1627.	0.9	55
50	The Effect of Class A Scavenger Receptor Deficiency in Bone. <i>Journal of Biological Chemistry</i> , 2007, 282, 4653-4660.	1.6	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. <i>Cancer Research</i> , 2007, 67, 417-424.	0.4	43
52	SIRT1 Is Significantly Elevated in Mouse and Human Prostate Cancer. <i>Cancer Research</i> , 2007, 67, 6612-6618.	0.4	403
53	Feeding microstructure in dietâ€“induced obesity susceptible <i>versus</i> resistant rats: central effects of urocortin 2. <i>Journal of Physiology</i> , 2007, 583, 487-504.	1.3	44
54	Disruption of Intraflagellar Transport in Adult Mice Leads to Obesity and Slow-Onset Cystic Kidney Disease. <i>Current Biology</i> , 2007, 17, 1586-1594.	1.8	425

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55	Effect of dairy supplementation on body composition and insulin resistance in mice. <i>Nutrition</i> , 2007, 23, 836-843.	1.1	8
56	Urocortin 2 modulates glucose utilization and insulin sensitivity in skeletal muscle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 16580-16585.	3.3	65
57	Dual-Energy X-Ray Absorptiometry Analysis of Implants in Rat Tibiae. <i>Implant Dentistry</i> , 2005, 14, 294-300.	1.7	1
58	Antipsychotic drug-induced weight gain: development of an animal model. <i>International Journal of Obesity</i> , 2005, 29, 607-614.	1.6	101
59	Comparison of the Lunar DPX-L and Prodigy dual-energy X-ray absorptiometers for assessing total and regional body composition. <i>International Journal of Body Composition Research</i> , 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. <i>In Vivo</i> , 2005, 19, 667-74.	0.6	37
61	Activation of the Retinoid X Receptor Suppresses Appetite in the Rat. <i>Endocrinology</i> , 2004, 145, 565-573.	1.4	31
62	AZT Enhances Osteoclastogenesis and Bone Loss. <i>AIDS Research and Human Retroviruses</i> , 2004, 20, 608-620.	0.5	51
63	Quantitative Trait Loci Specifying the Response of Body Temperature to Dietary Restriction. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2004, 59, B118-B125.	1.7	19
64	Molecules Mimicking Smad1 Interacting with Hox Stimulate Bone Formation. <i>Journal of Biological Chemistry</i> , 2004, 279, 11313-11319.	1.6	44
65	Ucp3 Expression during Weight Gain and Loss, Cold Exposure, and Fasting in the Collared Lemming. <i>Obesity</i> , 2004, 12, 1690-1697.	4.0	3
66	Role of UCP2 and UCP3 in nutrition and obesity. <i>Nutrition</i> , 2004, 20, 139-144.	1.1	35
67	Weight change affects serum leptin and corticosterone in the collared lemming. <i>General and Comparative Endocrinology</i> , 2004, 136, 30-36.	0.8	25
68	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. <i>Human Gene Therapy</i> , 2004, 15, 1197-1206.	1.4	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. <i>Human Gene Therapy</i> , 2004, .	1.4	1
70	Measurement of Body and Liver Fat in Small Animals Using Peripheral Quantitative Computed Tomography. <i>International Journal of Body Composition Research</i> , 2004, 1, 155-160.	0.5	3
71	Non-invasive measure of body composition of snakes using dual-energy X-ray absorptiometry. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2003, 136, 379-389.	0.8	24
72	Strain variation in the response of body temperature to dietary restriction. <i>Mechanisms of Ageing and Development</i> , 2003, 124, 663-678.	2.2	102

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73	HIV Protease Inhibitor Ritonavir Induces Lipotrophy in Male Mice. <i>AIDS Research and Human Retroviruses</i> , 2003, 19, 1141-1150.	0.5	23
74	Osteoclast Apoptosis: The Role of Fas in Vivo and in Vitro. <i>Endocrinology</i> , 2003, 144, 5545-5555.	1.4	84
75	Mice Lacking Phosphatidylinositol Transfer Protein-1 Exhibit Spinocerebellar Degeneration, Intestinal and Hepatic Steatosis, and Hypoglycemia. <i>Journal of Biological Chemistry</i> , 2003, 278, 33501-33518.	1.6	103
76	Corticotropin-Releasing Factor Receptor-2-Deficient Mice Display Abnormal Homeostatic Responses to Challenges of Increased Dietary Fat and Cold. <i>Endocrinology</i> , 2003, 144, 2580-2587.	1.4	79
77	Differential effects of a centrally acting fatty acid synthase inhibitor in lean and obese mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 1921-1925.	3.3	130
78	Evaluation of Liver Fatty Acid Oxidation in the Leptin-Deficient Obese Mouse. <i>Molecular Genetics and Metabolism</i> , 2002, 75, 219-226.	0.5	28
79	Body Composition in a Seasonal Model of Obesity: Longitudinal Measures and Validation of DXA. <i>Obesity</i> , 2002, 10, 1180-1187.	4.0	28
80	Estradiol May Limit Lipid Oxidation via Cpt 1 Expression and Hormonal Mechanisms. <i>Obesity</i> , 2002, 10, 167-172.	4.0	23
81	Effect of Group vs. Single Housing on Phenotypic Variance in C57BL/6J Mice. <i>Obesity</i> , 2002, 10, 412-415.	4.0	86
82	Effects of Energy Expenditure and Ucp1 on Photoperiod-Induced Weight Gain in Collared Lemmings. <i>Obesity</i> , 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*. <i>Journal of Bone and Mineral Research</i> , 2001, 16, 1682-1687.	3.1	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.	0.8	7
85	Do adaptive changes in metabolic rate favor weight regain in weight-reduced individuals? An examination of the set-point theory. <i>American Journal of Clinical Nutrition</i> , 2000, 72, 1088-1094.	2.2	186
86	Precision and Accuracy of Dual-Energy X-Ray Absorptiometry for Determining in Vivo Body Composition of Mice. <i>Obesity</i> , 2000, 8, 392-398.	4.0	260
87	Visceral fat, insulin sensitivity, and lipids in prepubertal children. <i>Diabetes</i> , 1999, 48, 1515-1521.	0.3	287
88	Developmental Changes in Energy Expenditure and Physical Activity in Children: Evidence for a Decline in Physical Activity in Girls Before Puberty. <i>Pediatrics</i> , 1998, 101, 887-891.	1.0	209
89	Serum Leptin Concentrations and Weight Gain in Postobese, Postmenopausal Women. <i>Obesity</i> , 1998, 6, 257-261.	4.0	22
90	Relationships between Dietary Fat, Body Fat, and Serum Lipid Profile in Prepubertal Children. <i>Obesity</i> , 1998, 6, 400-407.	4.0	34

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91	Serum Leptin and Energy Expenditure in Children ¹ . Journal of Clinical Endocrinology and Metabolism, 1997, 82, 4149-4153.	1.8	32
92	Effects of Gender, Ethnicity, Body Composition, and Fat Distribution on Serum Leptin Concentrations in Children ¹ . Journal of Clinical Endocrinology and Metabolism, 1997, 82, 2148-2152.	1.8	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.	1.8	114
94	Influence of Photoperiod, Time, and Sex on Hormone Concentrations in Collared Lemmings (<i>Dicrostonyx groenlandicus</i>). General and Comparative Endocrinology, 1996, 101, 53-62.	0.8	17
95	Endocrine Correlates of Seasonal Body Mass Dynamics in the Collared Lemming (<i>Dicrostonyx</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	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 (<i>Dicrostonyx groenlandicus</i>). Canadian Journal of Zoology, 1994, 72, 1726-1734.	0.4	17
98	Effect of Photoperiod, Testosterone, and Estradiol on Body Mass, Bifid Claw Size, and Pelage Color in Collared Lemmings (<i>Dicrostonyx groenlandicus</i>). General and Comparative Endocrinology, 1994, 93, 459-470.	0.8	13
99	Response of collared lemmings to melatonin: I. Implants and photoperiod. Journal of Pineal Research, 1994, 17, 177-184.	3.4	7
100	Response of collared lemmings to melatonin: II. Infusions and photoperiod. Journal of Pineal Research, 1994, 17, 185-194.	3.4	7
101	Role of prolactin and the gonads in seasonal physiological changes in the collared lemming (<i>Dicrostonyx groenlandicus</i>). 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 (<i>Dicrostonyx</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30	1.4	17
103	Development of collared lemmings, <i>Dicrostonyx groenlandicus</i> , 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, <i>Dicrostonyx groenlandicus</i> . Journal of Mammalogy, 1993, 74, 990-998.	0.6	29
105	Energy Acquisition and Allocation in Male Collared Lemmings (<i>Dicrostonyx groenlandicus</i>): Effects of Photoperiod, Temperature, and Diet Quality. Physiological Zoology, 1993, 66, 537-560.	1.5	59