

# The Laboratory Rat: Relating Its Age With Human's

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Age-dependence of sensorimotor and cerebral electroencephalographic asymmetry in rats subjected to unilateral cerebrovascular stroke. <i>Experimental &amp; Translational Stroke Medicine</i> , 2013, 5, 13.	3.2	10
2	Unilateral and bilateral cryptorchidism and its effect on the testicular morphology, histology, accessory sex organs, and sperm count in laboratory mice. <i>Journal of Human Reproductive Sciences</i> , 2013, 6, 106.	0.4	25
3	Ovulation and rate of implantation following unilateral ovariectomy in mice. <i>Journal of Human Reproductive Sciences</i> , 2013, 6, 45.	0.4	3
4	<i>In Vitro</i> Manganese Exposure Disrupts MAPK Signaling Pathways in Striatal and Hippocampal Slices from Immature Rats. <i>BioMed Research International</i> , 2013, 2013, 1-12.	0.9	13
5	Thyroid Function in Male Infertility. <i>Frontiers in Endocrinology</i> , 2013, 4, 174.	1.5	56
6	HIV-1 Transgenic Rats Display Alterations in Immunophenotype and Cellular Responses Associated with Aging. <i>PLoS ONE</i> , 2014, 9, e105256.	1.1	26
7	Severe autogenously fecal peritonitis in ageing Wistar rats. Response to intravenous meropenem. <i>Acta Cirurgica Brasileira</i> , 2014, 29, 615-621.	0.3	2
8	Prenatal dexamethasone exposure in rats results in long-term epigenetic histone modifications and tumour necrosis factor production decrease. <i>Immunology</i> , 2014, 143, 651-660.	2.0	30
9	Toward a neurology of loneliness.. <i>Psychological Bulletin</i> , 2014, 140, 1464-1504.	5.5	367
10	Effect of oral tamoxifen on the healing of corrosive oesophageal burns in an experimental rat model. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2014, 19, 351-356.	0.5	6
11	Relating motor and cognitive interventions in animals and humans. <i>Translational Neuroscience</i> , 2014, 5, .	0.7	2
12	Testosterone Changes Bladder and Kidney Structure in Juvenile Male Rats. <i>Journal of Urology</i> , 2014, 191, 1913-1919.	0.2	24
13	Environmental toxins. <i>Human and Experimental Toxicology</i> , 2014, 33, 1017-1039.	1.1	89
14	Chronic massive rotator cuff tear in rats: <i>in Vivo</i> evaluation of muscle force and three-dimensional histologic analysis. <i>Journal of Shoulder and Elbow Surgery</i> , 2014, 23, 1822-1830.	1.2	16
15	Bone quality is affected by food restriction and by nutrition-induced catch-up growth. <i>Journal of Endocrinology</i> , 2014, 223, 227-239.	1.2	25
16	Late Biliary Obstruction in Wistar Rats After Intermittent Hepatic Pedicle Clamping. <i>Transplantation Proceedings</i> , 2014, 46, 1875-1878.	0.3	4
17	Surgical acquired aganglionosis: myth or reality?. <i>Pediatric Surgery International</i> , 2014, 30, 797-802.	0.6	8
18	Fasting and exercise increase plasma cannabinoid levels in THC pre-treated rats: an examination of behavioural consequences. <i>Psychopharmacology</i> , 2014, 231, 3987-3996.	1.5	7

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19	Testosterone alters testis function through regulation of piRNA expression in rats. <i>Molecular Biology Reports</i> , 2014, 41, 6729-6735.	1.0	17
20	Sex differences in learning and memory following short-term dietary restriction in the rat. <i>International Journal of Developmental Neuroscience</i> , 2014, 36, 74-80.	0.7	12
21	Identification of gene expression changes in postnatal rat foreskin after in utero anti-androgen exposure. <i>Reproductive Toxicology</i> , 2014, 47, 42-50.	1.3	1
22	Longitudinal quantitative evaluation of the mid-palatal suture after rapid expansion using in vivo micro-CT. <i>Archives of Oral Biology</i> , 2014, 59, 414-423.	0.8	7
24	Cardiac Physiology of Aging: Extracellular Considerations. , 2015, 5, 1069-1121.		35
25	Structural changes in the parotid gland of male albino rats following prenatal and postnatal exposure to radiofrequency radiation. <i>Egyptian Journal of Histology</i> , 2015, 38, 102-115.	0.0	1
26	Impact of Early Postnatal NSAID Treatment on Nephrogenesis in Wistar Rats. <i>Birth Defects Research Part B: Developmental and Reproductive Toxicology</i> , 2015, 104, 218-226.	1.4	9
27	Beneficial effects of omega-3 fatty acids and vitamin B <sub>12</sub> supplementation on brain docosahexaenoic acid, brain derived neurotrophic factor, and cognitive performance in the second-generation Wistar rats. <i>BioFactors</i> , 2015, 41, 261-272.	2.6	23
28	Ergonomic task reduction prevents bone osteopenia in a rat model of upper extremity overuse. <i>Industrial Health</i> , 2015, 53, 206-221.	0.4	13
29	Carbon Ion Irradiated Neural Injury Induced the Peripheral Immune Effects in Vitro or in Vivo. <i>International Journal of Molecular Sciences</i> , 2015, 16, 28334-28346.	1.8	20
30	Bench-to-Bedside and Bedside Back to the Bench; Seeking a Better Understanding of the Acute Pathophysiological Process in Severe Traumatic Brain Injury. <i>Frontiers in Neurology</i> , 2015, 6, 47.	1.1	15
31	Exposure to methylphenidate during infancy and adolescence in non-human animals and sensitization to abuse of psychostimulants later in life: a systematic review. <i>Trends in Psychiatry and Psychotherapy</i> , 2015, 37, 107-117.	0.4	0
32	Dose-Dependent Effects of a Soluble Dietary Fibre (Pectin) on Food Intake, Adiposity, Gut Hypertrophy and Gut Satiety Hormone Secretion in Rats. <i>PLoS ONE</i> , 2015, 10, e0115438.	1.1	58
33	Long-Term Effect of Docosahexaenoic Acid Feeding on Lipid Composition and Brain Fatty Acid-Binding Protein Expression in Rats. <i>Nutrients</i> , 2015, 7, 8802-8817.	1.7	17
34	Effect of Roux-en-Y Gastric Bypass Surgery on Bile Acid Metabolism in Normal and Obese Diabetic Rats. <i>PLoS ONE</i> , 2015, 10, e0122273.	1.1	63
35	Silicone Implants with Smooth Surfaces Induce Thinner but Denser Fibrotic Capsules Compared to Those with Textured Surfaces in a Rodent Model. <i>PLoS ONE</i> , 2015, 10, e0132131.	1.1	26
36	Impact of Diet-Induced Obesity and Testosterone Deficiency on the Cardiovascular System: A Novel Rodent Model Representative of Males with Testosterone-Deficient Metabolic Syndrome (TDMetS). <i>PLoS ONE</i> , 2015, 10, e0138019.	1.1	16
37	Role of Inhibitors of Apoptosis Proteins in Testicular Function and Male Fertility: Effects of Polydeoxyribonucleotide Administration in Experimental Varicocele. <i>BioMed Research International</i> , 2015, 2015, 1-9.	0.9	25

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38	Quantification of Strain Induced Damage in Medial Collateral Ligaments. <i>Journal of Biomechanical Engineering</i> , 2015, 137, .	0.6	8
39	Craniofacial form is altered by chronic adult exposure to 2,3,7,8-tetrachlorodibenzo- p -dioxin (TCDD) in Han/Wistar and Longâ€“Evans rats with different aryl hydrocarbon receptor (AhR) structures. <i>Toxicology Reports</i> , 2015, 2, 472-481.	1.6	2
40	5-HT2 receptors modulate the expression of antipsychotic-induced dopamine supersensitivity. <i>European Neuropsychopharmacology</i> , 2015, 25, 2381-2393.	0.3	26
41	Improvements in body composition, cardiometabolic risk factors and insulin sensitivity with trenbolone in normogonadic rats. <i>Steroids</i> , 2015, 94, 60-69.	0.8	6
42	Advancing research on endocrine disrupting chemicals in breast cancer: Expert panel recommendations. <i>Reproductive Toxicology</i> , 2015, 54, 141-147.	1.3	27
43	A rat model of nerve agent exposure applicable to the pediatric population: The anticonvulsant efficacies of atropine and GluK1 antagonists. <i>Toxicology and Applied Pharmacology</i> , 2015, 284, 204-216.	1.3	22
44	Neurochemical correlates of accumbal dopamine D2 and amygdaloid 5-HT1B receptor densities on observational learning of aggression. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2015, 15, 460-474.	1.0	14
45	Prefrontal cortical dopamine from an evolutionary perspective. <i>Neuroscience Bulletin</i> , 2015, 31, 164-174.	1.5	6
46	Relationship Between Serum Uric Acid and Bone Mineral Density in the General Population and in Rats With Experimental Hyperuricemia. <i>Journal of Bone and Mineral Research</i> , 2015, 30, 992-999.	3.1	56
47	In vitro and in vivo ocular safety and eye surface permanence determination by direct and Magnetic Resonance Imaging of ion-sensitive hydrogels based on gellan gum and kappa-carrageenan. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 94, 342-351.	2.0	78
48	Effects of proinflammatory cytokines on axonal outgrowth from adult rat lumbar dorsal root ganglia using a novel three-dimensional culture system. <i>Spine Journal</i> , 2015, 15, 1823-1831.	0.6	13
49	Brain DNA damage and behavioral changes after repeated intermittent acute ethanol withdrawal by young rats. <i>Psychopharmacology</i> , 2015, 232, 3623-3636.	1.5	9
50	Effect of Aging on Brain Injury Prediction in Rotational Head Traumaâ€“A Parameter Study with a Rat Finite Element Model. <i>Traffic Injury Prevention</i> , 2015, 16, S91-S99.	0.6	12
51	Pulmonary Arterial Hypertension in Rats Due to Age-Related Arginase Activation in Intermittent Hypoxia. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015, 53, 184-192.	1.4	25
52	Stereomicroscopic 3D-pattern profiling of murine and human intestinal inflammation reveals unique structural phenotypes. <i>Nature Communications</i> , 2015, 6, 7577.	5.8	65
53	Unfolded protein response is activated in aged retinas. <i>Neuroscience Letters</i> , 2015, 609, 30-35.	1.0	26
54	Co-administration of Î±-lipoic acid and cyclosporine aggravates colon ulceration of acetic acid-induced ulcerative colitis via facilitation of NO/COX-2/miR-210 cascade. <i>Toxicology and Applied Pharmacology</i> , 2015, 288, 300-312.	1.3	14
55	Maternal age effects on myometrial expression of contractile proteins, uterine gene expression, and contractile activity during labor in the rat. <i>Physiological Reports</i> , 2015, 3, e12305.	0.7	32

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56	Interactive actions of Bdnf methylation and cell metabolism for building neural resilience under the influence of diet. <i>Neurobiology of Disease</i> , 2015, 73, 307-318.	2.1	55
57	Effects of crude kerosene on testosterone levels, aggression and toxicity in rat. <i>Toxicology Reports</i> , 2015, 2, 175-183.	1.6	5
58	Metals and female reproductive toxicity. <i>Human and Experimental Toxicology</i> , 2015, 34, 679-697.	1.1	64
59	Fructose supplementation impairs rat liver autophagy through mTORC activation without inducing endoplasmic reticulum stress. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2015, 1851, 107-116.	1.2	43
60	Anogenital Distance Plasticity in Adulthood: Implications for Its Use as a Biomarker of Fetal Androgen Action. <i>Endocrinology</i> , 2015, 156, 24-31.	1.4	60
61	Neonatal Maternal Separation Alters the Capacity of Adult Neural Precursor Cells to Differentiate into Neurons Via Methylation of Retinoic Acid Receptor Gene Promoter. <i>Biological Psychiatry</i> , 2015, 77, 335-344.	0.7	47
62	Advancing Age Decreases Pressure-Sensitive Modulation of Calcium Signaling in the Endothelium of Intact and Pressurized Arteries. <i>Journal of Vascular Research</i> , 2016, 53, 358-369.	0.6	14
63	Irritable Bowel Syndrome: Is It Really a Functional Disorder? A New Perspective on Alteration of Enteric Nervous System. <i>Journal of Neurogastroenterology and Motility</i> , 2016, 22, 163-165.	0.8	9
64	Influence of sweeteners in the biodistribution of radiopharmaceutical and laboratory tests in rats. <i>African Journal of Biotechnology</i> , 2016, 15, 2751-2757.	0.3	0
65	Changes in Bone Metabolism in Young Castrated Male Rats. <i>Yonsei Medical Journal</i> , 2016, 57, 1386.	0.9	11
66	Ovariectomy and chronic stress lead toward leptin resistance in the satiety centers and insulin resistance in the hippocampus of Sprague-Dawley rats. <i>Croatian Medical Journal</i> , 2016, 57, 194-206.	0.2	8
67	Heart Rate Variability as Early Biomarker for the Evaluation of Diabetes Mellitus Progress. <i>Journal of Diabetes Research</i> , 2016, 2016, 1-8.	1.0	23
68	A Review of the Phenomenon of Hysteresis in the Hypothalamusâ€“Pituitaryâ€“Thyroid Axis. <i>Frontiers in Endocrinology</i> , 2016, 7, 64.	1.5	20
69	Effects of Physical Exercise Combined with Nutritional Supplements on Aging Brain Related Structures and Functions: A Systematic Review. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 161.	1.7	26
70	Lifespan Changes in the Countermanding Performance of Young and Middle Aged Adult Rats. <i>Frontiers in Aging Neuroscience</i> , 2016, 08, 190.	1.7	2
71	Disparate Changes in Plasma and Brainstem Cytokine Levels in Adult and Ageing Rats Associated with Age-Related Changes in Facial Motor Neuron Number, Snout Muscle Morphology, and Exploratory Behavior. <i>Frontiers in Neurology</i> , 2016, 7, 191.	1.1	6
72	Facilitating Mitochondrial Calcium Uptake Improves Activation-Induced Cerebral Blood Flow and Behavior after mTBI. <i>Frontiers in Systems Neuroscience</i> , 2016, 10, 19.	1.2	18
73	Soluble Fiber with High Water-Binding Capacity, Swelling Capacity, and Fermentability Reduces Food Intake by Promoting Satiety Rather Than Satiation in Rats. <i>Nutrients</i> , 2016, 8, 615.	1.7	25

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74	Shift in Food Intake and Changes in Metabolic Regulation and Gene Expression during Simulated Night-Shift Work: A Rat Model. <i>Nutrients</i> , 2016, 8, 712.	1.7	16
75	Somato-dendritic decoupling as a novel mechanism for protracted cortical maturation. <i>BMC Biology</i> , 2016, 14, 48.	1.7	2
76	Progesterone Treatment Shows Benefit in Female Rats in a Pediatric Model of Controlled Cortical Impact Injury. <i>PLoS ONE</i> , 2016, 11, e0146419.	1.1	24
77	Standardization of A Physiologic Hypoparathyroidism Animal Model. <i>PLoS ONE</i> , 2016, 11, e0163911.	1.1	9
78	Prenatal Dexamethasone and Postnatal High-Fat Diet Decrease Interferon Gamma Production through an Age-Dependent Histone Modification in Male Sprague-Dawley Rats. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1610.	1.8	15
79	Effects of Age on Na <sup>+</sup> ,K <sup>+</sup> -ATPase Expression in Human and Rodent Skeletal Muscle. <i>Frontiers in Physiology</i> , 2016, 7, 316.	1.3	15
80	Intermittent Hypoxia Influences Alveolar Bone Proper Microstructure via Hypoxia-Inducible Factor and VEGF Expression in Periodontal Ligaments of Growing Rats. <i>Frontiers in Physiology</i> , 2016, 7, 416.	1.3	20
81	Effect of aging and exercise on the tendon. <i>Journal of Applied Physiology</i> , 2016, 121, 1353-1362.	1.2	148
82	A Novel Experimental Animal Model of Adult Chronic Hydrocephalus. <i>Neurosurgery</i> , 2016, 79, 746-756.	0.6	17
83	Tobacco Mosaic Virus Functionalized Alginate Hydrogel Scaffolds for Bone Regeneration in Rats with Cranial Defect. <i>ACS Biomaterials Science and Engineering</i> , 2016, 2, 606-615.	2.6	34
84	Sequential Changes in Cortical Excitation during Orthodontic Treatment. <i>Journal of Dental Research</i> , 2016, 95, 897-905.	2.5	26
85	Evaluation of the acute and sub-chronic oral toxicity of the herbal formula Xiaer Chaigui Tuire Oral Liquid. <i>Journal of Ethnopharmacology</i> , 2016, 189, 290-299.	2.0	14
86	Inhibition of vascular endothelial growth factor with shRNA in chondrocytes ameliorates osteoarthritis. <i>Journal of Molecular Medicine</i> , 2016, 94, 787-798.	1.7	22
87	Of mice and men. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 151, 1769-1770.	0.4	0
88	Comparative aspects of rodent and nonrodent animal models for mechanistic and translational diabetes research. <i>Theriogenology</i> , 2016, 86, 406-421.	0.9	53
89	Effects of Multiple Intra-articular Injections of 0.5% Bupivacaine on Normal and Osteoarthritic Joints in Rats. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2016, 32, 2026-2036.	1.3	16
90	Why does bone have TERM limits?. <i>Injury</i> , 2016, 47, 1159-1161.	0.7	6
91	Effect of dexmedetomidine and cold stress in a rat model of neuropathic pain: Role of interleukin-6 and tumor necrosis factor- $\alpha$ . <i>European Journal of Pharmacology</i> , 2016, 776, 139-145.	1.7	21

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92	An Efficient Method for Generation of Transgenic Rats Avoiding Embryo Manipulation. <i>Molecular Therapy - Nucleic Acids</i> , 2016, 5, e293.	2.3	23
93	A diet containing grape powder ameliorates the cognitive decline in aged rats with a long-term high-fructose-high-fat dietary pattern. <i>Journal of Nutritional Biochemistry</i> , 2016, 34, 52-60.	1.9	16
94	Improved heart function from older donors using pharmacologic conditioning strategies. <i>Journal of Heart and Lung Transplantation</i> , 2016, 35, 636-646.	0.3	14
95	Magnetic resonance spectroscopic analysis of neurometabolite changes in the developing rat brain at 7T. <i>Brain Research</i> , 2016, 1651, 114-120.	1.1	12
96	Longitudinal magnetic resonance imaging reveals striatal hypertrophy in a rat model of long-term stimulant treatment. <i>Translational Psychiatry</i> , 2016, 6, e884-e884.	2.4	11
97	Vitamin A Supplementation Transiently Increases Retinol Concentrations in Extrahepatic Organs of Neonatal Rats Raised under Vitamin A "Marginal Conditions. <i>Journal of Nutrition</i> , 2016, 146, 1953-1960.	1.3	10
98	Improved single muscle fiber quality in the oldest-old. <i>Journal of Applied Physiology</i> , 2016, 121, 878-884.	1.2	34
99	Diet composition as a source of variation in experimental animal models of cancer cachexia. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2016, 7, 110-125.	2.9	26
100	Variables Affecting Fusion Rates in the Rat Posterolateral Spinal Fusion Model with Autogenic/Allogenic Bone Grafts: A Meta-analysis. <i>Annals of Biomedical Engineering</i> , 2016, 44, 3186-3201.	1.3	10
101	Lung Structure and the Intrinsic Challenges of Gas Exchange. , 2016, 6, 827-895.		127
102	Pharmacokinetic and pharmacodynamic drug evaluation of tofogliflozin for the treatment of type 2 diabetes. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2016, 12, 1367-1380.	1.5	4
103	White tea intake prevents prediabetes-induced metabolic dysfunctions in testis and epididymis preserving sperm quality. <i>Journal of Nutritional Biochemistry</i> , 2016, 37, 83-93.	1.9	35
104	The influence of maternal care and overprotection on youth adrenocortical stress response: a multiphase growth curve analysis. <i>Stress</i> , 2016, 19, 567-575.	0.8	4
105	Serum protein concentration in low-dose total body irradiation of normal and malnourished rats. <i>Applied Radiation and Isotopes</i> , 2016, 118, 232-237.	0.7	0
106	Genetic characterization of commensal <i>Escherichia coli</i> isolated from laboratory rodents. <i>SpringerPlus</i> , 2016, 5, 1035.	1.2	4
107	Effects of exercise on adolescent and adult hypothalamic and hippocampal neuroinflammation. <i>Hippocampus</i> , 2016, 26, 1435-1446.	0.9	22
108	Neuromuscular Alterations After Ankle Sprains: An Animal Model to Establish Causal Links After Injury. <i>Journal of Athletic Training</i> , 2016, 51, 797-805.	0.9	10
109	The effect of lamotrigine and phenytoin on bone turnover and bone strength: A prospective study in Wistar rats. <i>Epilepsy Research</i> , 2016, 128, 113-118.	0.8	9

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110	Fructose, but not glucose, impairs insulin signaling in the three major insulin-sensitive tissues. <i>Scientific Reports</i> , 2016, 6, 26149.	1.6	75
111	Quantification of Triacylglycerol Positional Isomers in Rat Milk. <i>Journal of Oleo Science</i> , 2016, 65, 977-983.	0.6	3
112	Effect of postnatal low-dose exposure to environmental chemicals on the gut microbiome in a rodent model. <i>Microbiome</i> , 2016, 4, 26.	4.9	122
113	Ameliorating effect of Erxian decoction combined with <i>Fructus Schisandrae chinensis</i> (Wu Wei Zi) on menopausal sweating and serum hormone profiles in a rat model. <i>Chinese Medicine</i> , 2016, 11, 47.	1.6	2
114	Effects of exogenous ketone supplementation on blood ketone, glucose, triglyceride, and lipoprotein levels in Spragueâ€“Dawley rats. <i>Nutrition and Metabolism</i> , 2016, 13, 9.	1.3	120
115	Age, weight and decompression sickness in rats. <i>Archives of Physiology and Biochemistry</i> , 2016, 122, 67-69.	1.0	13
116	A 3-month age difference profoundly alters the primary rat stromal vascular fraction phenotype. <i>Acta Histochemica</i> , 2016, 118, 513-518.	0.9	4
117	Evaluation of the first maxillary molar postâ€“extraction socket as a model for dental implant osseointegration research. <i>Clinical Oral Implants Research</i> , 2016, 27, 1469-1478.	1.9	11
118	Sleeve Gastrectomy Decreases Body Weight, Whole-Body Adiposity, and Blood Pressure Even in Aged Diet-Induced Obese Rats. <i>Obesity Surgery</i> , 2016, 26, 1549-1558.	1.1	11
119	Sex-Specific Effects of Progesterone on Early Outcome of Intracerebral Hemorrhage. <i>Neuroendocrinology</i> , 2016, 103, 518-530.	1.2	14
120	Assessing risk/benefit for trials using preclinical evidence: a proposal. <i>Journal of Medical Ethics</i> , 2016, 42, 50-53.	1.0	31
121	Hypothalamic Npy mRNA is correlated with increased wheel running and decreased body fat in calorie-restricted rats. <i>Neuroscience Letters</i> , 2016, 618, 83-88.	1.0	9
122	PG110, A Humanized Anti-NGF Antibody, Reverses Established Pain Hypersensitivity in Persistent Inflammatory Pain, but not Peripheral Neuropathic Pain, Rat Models. <i>Pain Medicine</i> , 2016, 17, 2082-2094.	0.9	16
123	Organ and tissue level properties are more sensitive to age than osteocyte lacunar characteristics in rat cortical bone. <i>Bone Reports</i> , 2016, 4, 28-34.	0.2	10
124	Stanozolol Decreases Bone Turnover Markers, Increases Mineralization, and Alters Femoral Geometry in Male Rats. <i>Calcified Tissue International</i> , 2016, 98, 609-618.	1.5	1
125	Men and mice: Relating their ages. <i>Life Sciences</i> , 2016, 152, 244-248.	2.0	1,093
126	Mitochondrial impairment, apoptosis and autophagy in a rat brain as immediate and long-term effects of perinatal phencyclidine treatment â€” influence of restraint stress. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 66, 87-96.	2.5	26
127	Methyl donor supplementation in rats reverses the deleterious effect of maternal separation on depression-like behaviour. <i>Behavioural Brain Research</i> , 2016, 299, 51-58.	1.2	54



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128	Study of the boron levels in serum after implantation of different ratios nano-hexagonal boron nitride-hydroxy apatite in rat femurs. <i>Materials Science and Engineering C</i> , 2016, 58, 1082-1089.	3.8	22
129	Testing the critical window of estradiol replacement on gene expression of vasopressin, oxytocin, and their receptors, in the hypothalamus of aging female rats. <i>Molecular and Cellular Endocrinology</i> , 2016, 419, 102-112.	1.6	8
130	Static and dynamic compression application and removal on the intervertebral discs of growing rats. <i>Journal of Orthopaedic Research</i> , 2016, 34, 290-298.	1.2	6
131	Suboptimal Dosing Parameters as Possible Factors in the Negative Phase III Clinical Trials of Progesterone for Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 1915-1918.	1.7	60
132	Does age matter? The impact of rodent age on study outcomes. <i>Laboratory Animals</i> , 2017, 51, 160-169.	0.5	213
133	Advancing age and ischemia elevate the electric threshold to elicit spreading depolarization in the cerebral cortex of young adult rats. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 1763-1775.	2.4	23
134	Perinatal exposure to insecticide fipronil: effects on the reproductive system in male rats. <i>Reproduction, Fertility and Development</i> , 2017, 29, 1130.	0.1	16
135	Contribution of iron and protein contents from rat brain subcellular fractions to MR phase imaging. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 2028-2039.	1.9	3
136	A comparison of progestins within three classes: Differential effects on learning and memory in the aging surgically menopausal rat. <i>Behavioural Brain Research</i> , 2017, 322, 258-268.	1.2	38
137	Effect of reproductive ageing on pregnant mouse uterus and cervix. <i>Journal of Physiology</i> , 2017, 595, 2065-2084.	1.3	27
138	Cell-based therapeutic strategies for replacement and preservation in retinal degenerative diseases. <i>Progress in Retinal and Eye Research</i> , 2017, 58, 1-27.	7.3	86
139	Intermittent hypoxia causes mandibular growth retardation and macroglossia in growing rats. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2017, 151, 363-371.	0.8	6
140	Neurobiological consequences of juvenile stress: A GABAergic perspective on risk and resilience. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 74, 21-43.	2.9	46
141	Cellular GABAergic Neuroactive Steroid (3 $\alpha$ ,5 $\alpha$ -Dihydroxy-Pregnan-20-one (3 $\alpha$ ,5 $\alpha$ -THP) Immunostaining Levels Are Increased in the Ventral Tegmental Area of Human Alcohol Use Disorder Patients: A Postmortem Study. <i>Alcoholism: Clinical and Experimental Research</i> , 2017, 41, 299-311.	1.4	14
142	Neuroprotective effects of phytosterol esters against high cholesterol-induced cognitive deficits in aged rat. <i>Food and Function</i> , 2017, 8, 1323-1332.	2.1	25
143	Aged rats under zoledronic acid therapy and oral surgery. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2017, 45, 781-787.	0.7	12
144	Agle marmelos impedes onset of insulin resistance syndrome in rats provided with drinking fructose from weaning to adulthood stages of development - a mechanistic study. <i>Canadian Journal of Physiology and Pharmacology</i> , 2017, 95, 572-579.	0.7	3
145	Experimental mammary carcinogenesis - Rat models. <i>Life Sciences</i> , 2017, 173, 116-134.	2.0	24

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146	Type of supplemented simple sugar, not merely calorie intake, determines adverse effects on metabolism and aortic function in female rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 312, H289-H304.	1.5	30
147	Impaired endothelium-derived hyperpolarization-type relaxation in superior mesenteric arteries isolated from female Otsuka Long-Evans Tokushima Fatty rats. <i>European Journal of Pharmacology</i> , 2017, 807, 151-158.	1.7	10
148	Intermittent Parathyroid Hormone After Prolonged Alendronate Treatment Induces Substantial New Bone Formation and Increases Bone Tissue Heterogeneity in Ovariectomized Rats. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 1703-1715.	3.1	9
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