

Saied Karbalay-doust

List of Publications by Year in descending order

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71
papers

917
citations

394421

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docs citations

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1267
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#	ARTICLE	IF	CITATIONS
1	Stereological estimation of ovarian oocyte volume, surface area and number: application on mice treated with nandrolone decanoate. <i>Folia Histochemica Et Cytobiologica</i> , 2012, 50, 275-279.	1.5	37
2	High doses of nandrolone decanoate reduce volume of testis and length of seminiferous tubules in rats. <i>Apmis</i> , 2005, 113, 122-125.	2.0	36
3	Stereological study of the effects of letrozole and estradiol valerate treatment on the ovary of rats. <i>Clinical and Experimental Reproductive Medicine</i> , 2013, 40, 115.	1.5	34
4	The reversibility of sperm quality after discontinuing nandrolone decanoate in adult male rats. <i>Asian Journal of Andrology</i> , 2007, 9, 235-239.	1.6	31
5	Curcumin protects the dorsal root ganglion and sciatic nerve after crush in rat. <i>Pathology Research and Practice</i> , 2011, 207, 577-582.	2.3	31
6	Taxol and Taurine Protect the Renal Tissue of Rats after Unilateral Ureteral Obstruction: A Stereological Survey. <i>Korean Journal of Urology</i> , 2012, 53, 360.	1.2	31
7	Restorative effects of curcumin on sleep-deprivation induced memory impairments and structural changes of the hippocampus in a rat model. <i>Life Sciences</i> , 2017, 189, 63-70.	4.3	31
8	Ameliorative effects of curcumin on the structural parameters of seminiferous tubules and Leydig cells in metronidazole-treated mice: A stereological approach. <i>Experimental and Toxicologic Pathology</i> , 2011, 63, 627-633.	2.1	30
9	Cardioprotective effects of curcumin and carvedilol in doxorubicin-treated rats: Stereological study. <i>Food Science and Nutrition</i> , 2019, 7, 3581-3588.	3.4	30
10	The use of platelet-rich plasma (PRP) to improve structural impairment of rat testis induced by busulfan. <i>Platelets</i> , 2019, 30, 513-520.	2.3	26
11	Effects of curcumin on the dorsal root ganglion structure and functional recovery after sciatic nerve crush in rat. <i>Micron</i> , 2011, 42, 449-455.	2.2	25
12	Curcumin, the Main Part of Turmeric, Prevents Learning and Memory Changes Induced by Sodium Metabisulfite, a Preservative Agent, in Rats. <i>Experimental Neurobiology</i> , 2013, 22, 23-30.	1.6	25
13	Diosmin Reduces Calcium Oxalate Deposition and Tissue Degeneration in Nephrolithiasis in Rats: A Stereological Study. <i>Korean Journal of Urology</i> , 2013, 54, 252.	1.2	23
14	Original article Sertraline and curcumin prevent stress-induced morphological changes of dendrites and neurons in the medial prefrontal cortex of rats. <i>Folia Neuropathologica</i> , 2015, 1, 69-79.	1.2	23
15	Nandrolone decanoate increases the volume but not the length of the proximal and distal convoluted tubules of the mouse kidney. <i>Micron</i> , 2009, 40, 226-230.	2.2	22
16	Ameliorative Effects of Curcumin on the Seminiferous Epithelium in Metronidazole-Treated Mice. <i>Toxicologic Pathology</i> , 2010, 38, 366-371.	1.8	21
17	Using vitamin E to prevent the impairment in behavioral test, cell loss and dendrite changes in medial prefrontal cortex induced by tartrazine in rats. <i>Acta Histochemica</i> , 2017, 119, 172-180.	1.8	21
18	High dose Allura Red, rather than the ADI dose, induces structural and behavioral changes in the medial prefrontal cortex of rats and taurine can protect it. <i>Acta Histochemica</i> , 2018, 120, 586-594.	1.8	21

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19	Protective Effects of Curcumin and Sertraline on the Behavioral Changes in Chronic Variable Stress-Induced Rats. <i>Experimental Neurobiology</i> , 2013, 22, 96-106.	1.6	20
20	A simple method for unbiased estimating of ejaculated sperm tail length in subjects with normal and abnormal sperm motility. <i>Micron</i> , 2010, 41, 96-99.	2.2	19
21	Is a Team-based Learning Approach to Anatomy Teaching Superior to Didactic Lecturing ? = ù±ù,, ù±ù±ø-ø±ùšùø© øšù,ø³ø¹ù Sultan Qaboos University Medical Journal, 2014, 14, 120-125.	1.0	19
22	Stereological study of the effects of nandrolone decanoate on the rat prostate. <i>Micron</i> , 2006, 37, 617-623.	2.2	17
23	Stereological study of the effects of nandrolone decanoate on the mouse liver. <i>Micron</i> , 2009, 40, 471-475.	2.2	15
24	The Protective Effects of Coenzyme Q10 and Lisinopril Against Doxorubicin-Induced Cardiotoxicity in Rats: A Stereological and Electrocardiogram Study. <i>Cardiovascular Toxicology</i> , 2021, 21, 936-946.	2.7	15
25	Stress Changes the Spatial Arrangement of Neurons and Glial Cells of Medial Prefrontal Cortex and Sertraline and Curcumin Prevent It. <i>Psychiatry Investigation</i> , 2015, 12, 73.	1.6	15
26	Using curcumin to prevent structural and behavioral changes of medial prefrontal cortex induced by sleep deprivation in rats. <i>EXCLI Journal</i> , 2017, 16, 510-520.	0.7	15
27	Protective role of curcumin against sulfite-induced structural changes in ratsâ€™ medial prefrontal cortex. <i>Nutritional Neuroscience</i> , 2015, 18, 248-255.	3.1	14
28	The Impact of Chronic Sleep Restriction on Neuronal Number and Volumetric Correlates of the Dorsal Respiratory Nuclei in a Rat Model. <i>Sleep</i> , 2017, 40, .	1.1	14
29	Curcumin prevents neuronal loss and structural changes in the superior cervical (sympathetic) ganglion induced by chronic sleep deprivation, in the rat model. <i>Biological Research</i> , 2020, 53, 31.	3.4	14
30	Mitigating Effect of Resveratrol on the Structural Changes of Mice Liver and Kidney Induced by Cadmium; A Stereological Study. <i>Preventive Nutrition and Food Science</i> , 2015, 20, 266-275.	1.6	14
31	Preventive role of exogenous testosterone on cisplatin-induced gonadal toxicity: an experimental placebo-controlled prospective trial. <i>Fertility and Sterility</i> , 2010, 93, 1388-1393.	1.0	13
32	Protective effects of curcumin co-treatment in rats with establishing chronic variable stress on testis and reproductive hormones. <i>International Journal of Reproductive BioMedicine</i> , 2017, 15, 447-452.	0.9	13
33	Curcumin Can Prevent the Changes in Cerebellar Structure and Function Induced by Sodium Metabisulfite in Rat. <i>Experimental Neurobiology</i> , 2013, 22, 258-267.	1.6	12
34	Could curcumin protect the dendritic trees of the CA1 neurons from shortening and shedding induced by chronic sleep restriction in rats?. <i>Life Sciences</i> , 2018, 198, 65-70.	4.3	12
35	A simple stereological method for estimating the number and the volume of the pancreatic beta cells. <i>JOP: Journal of the Pancreas</i> , 2012, 13, 427-32.	1.5	12
36	Comparison of the protective effects of papaverine, lidocaine and verapamil on the sperm quality of the testis after induced torsionâ€™detorsion in rats. <i>Scandinavian Journal of Urology and Nephrology</i> , 2010, 44, 133-137.	1.4	10

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37	Effect of Rutin on Diabetic Auditory Neuropathy in an Experimental Rat Model. <i>Clinical and Experimental Otorhinolaryngology</i> , 2021, 14, 259-267.	2.1	10
38	Curcumin Protects the Seminal Vesicles from Metronidazole-induced Reduction of Secretion in Mice. <i>Acta Medica (Hradec Kralove)</i> , 2012, 55, 32-36.	0.5	10
39	Using curcumin to prevent structural impairments of testicles in rats induced by sodium metabisulfite. <i>EXCLI Journal</i> , 2017, 16, 583-592.	0.7	8
40	Curcumin prevents the structural changes induced in the rats' deep cerebellar nuclei by sodium metabisulfite, a preservative agent. <i>Asian Pacific Journal of Tropical Medicine</i> , 2014, 7, S301-S305.	0.8	7
41	Effect of benzene on the cerebellar structure and behavioral characteristics in rats. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2015, 5, 568-573.	1.2	7
42	Vitamin E can improve behavioral tests impairment, cell loss, and dendrite changes in rats' medial prefrontal cortex induced by acceptable daily dose of aspartame. <i>Acta Histochemica</i> , 2018, 120, 46-55.	1.8	7
43	Methodological Aspects of REM Sleep- Deprivation and Stereological Protocols in the Brain-Stem Respiratory Nuclei. <i>Journal of Advanced Medical Sciences and Applied Technologies</i> , 2016, 2, 283.	0.3	7
44	Efficacy of Curcumin in the Modulation of Anxiety Provoked by Sulfite, a Food Preservative, in Rats. <i>Preventive Nutrition and Food Science</i> , 2017, 22, 144-148.	1.6	7
45	Stereological studies of the effects of sodium benzoate or ascorbic acid on rats' cerebellum. <i>Journal of King Abdulaziz University, Islamic Economics</i> , 2014, 35, 1494-500.	1.1	7
46	Effects of N-acetylcysteine and metformin treatment on the stereopathological characteristics of uterus and ovary. <i>European Journal of Translational Myology</i> , 2022, 32, .	1.7	7
47	Stereological study of the placental structure in abortion-prone mice model (CBA/J \times DBA/2J). <i>Annals of Anatomy</i> , 2020, 230, 151508.	1.9	6
48	Stereological analysis of liver, spleen and bone of Leishmania infantum-experimentally infected hamsters. <i>Experimental Parasitology</i> , 2021, 228, 108137.	1.2	6
49	The effects of copper sulfate on the structure and function of the rat cerebellum: A stereological and behavioral study. <i>IBRO Neuroscience Reports</i> , 2021, 11, 119-127.	1.6	6
50	Protective effects of curcumin co-treatment in rats with establishing chronic variable stress on testis and reproductive hormones. <i>International Journal of Reproductive BioMedicine</i> , 2017, 15, 447-452.	0.9	6
51	Stereological study of the diabetic heart of male rats. <i>Laboratory Animal Research</i> , 2013, 29, 12.	2.5	5
52	Spatial arrangement of the heart structure: Application of second-order stereology in diabetic rats. <i>Annals of Anatomy</i> , 2014, 196, 20-25.	1.9	5
53	Can Sertraline and Nortriptyline Protect the Neurons in Submucosal and Myenteric Plexuses of Rat's Colon Against Stress?. <i>Digestive Diseases and Sciences</i> , 2019, 64, 2548-2554.	2.3	4
54	Post-weaning exposure to Sunset Yellow FCF induces behavioral impairment and structural changes in the adult rat medial prefrontal cortex: Protective effects of Coenzyme Q10. <i>International Journal of Developmental Neuroscience</i> , 2022, , .	1.6	4

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55	Effects of Intratesticular Hematoma on Testis Microstructure, Spermatogenesis, and Testosterone Production: Defining a Cutoff Point for Significant Intratesticular Hematoma. <i>Urology</i> , 2018, 118, 80-86.	1.0	3
56	Beneficial Effects of Olive Oil on the Rats' Cerebellum: Functional and Structural Evidence. <i>Folia Medica</i> , 2018, 60, 454-463.	0.5	3
57	Estimation of the Cultured Cells' Volume and Surface Area: Application of Stereological Methods on Vero Cells Infected by Rubella Virus. <i>Iranian Journal of Medical Sciences</i> , 2016, 41, 37-43.	0.4	3
58	Prednisolone and mesenchymal stem cell preloading protect liver cell migration and mitigate extracellular matrix modification in transplanted decellularized rat liver. <i>Stem Cell Research and Therapy</i> , 2022, 13, 36.	5.5	3
59	First and second order stereology of hyaline cartilage: Application on mice femoral cartilage. <i>Annals of Anatomy</i> , 2016, 208, 24-30.	1.9	2
60	Microscopic evaluation of the ventricular tissue using stereological and Voronoi tessellation methods: Application on doxorubicin-induced cardiotoxicity in rats. <i>Micron</i> , 2017, 101, 1-7.	2.2	2
61	Sinoatrial node remodels in chronic sleep-restricted rats. <i>Chronobiology International</i> , 2019, 36, 510-516.	2.0	2
62	The comparison of the effect of phenylephrine and epinephrine on penile spongy tissue in rats after experimental hypospadias surgery: a quantitative stereological study. <i>BMC Urology</i> , 2019, 19, 55.	1.4	2
63	Curcumin can prevent the loss of sinoatrial node cells in methionine-treated rats: A stereological study. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 3448-3452.	3.8	2
64	Methamphetamine can induce alteration of histopathology and sex determination gene expression through the oxidative stress pathway in the testes of human postmortem. <i>Andrologia</i> , 2022, , e14441.	2.1	2
65	Volume and surface changes in vero cell and its nucleus after infection with measles virus: a stereological study. <i>Mental Illness</i> , 2011, 2, 18.	0.8	1
66	Rosiglitazone ameliorates the histological parameters of the dorsal root ganglion and functional assessment after sciatic nerve injury in the rat. <i>Acta Neurochirurgica</i> , 2012, 154, 533-540.	1.7	1
67	Motor Control in Chronically Sleep-Restricted Rats: A Behavioral Approach. <i>Sleep and Vigilance</i> , 2018, 2, 57-61.	0.8	0
68	Comparison of the effects of pentoxifylline, simvastatin, tamoxifen, and losartan on cavernous bodies after penile fracture in rats: a stereological study. <i>International Journal of Impotence Research</i> , 2020, 32, 338-344.	1.8	0
69	The effect of zinc sulfate on penile corpus spongiosum after hypospadias repair in rats: A stereological study. <i>Theriogenology</i> , 2020, 158, 432-437.	2.1	0
70	Stereological and Biochemical Effects of Curcumin on the L-Methionine-Induced Cardiotoxicity in Rats. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2021, 45, 841-847.	1.5	0
71	Curcumin's effects on the reproductive and nervous systems. <i>EXCLI Journal</i> , 2017, 16, 712-713.	0.7	0