Bilge Guvenc Tuna

List of Publications by Year
in descending order

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46 papers	846 citations	759233 12 h-index	501196 28 g-index
49 all docs	49 docs citations	49 times ranked	1555 citing authors

#	Article	IF	Citations
1	Long-term chronic caloric restriction alters miRNA profiles in the brain of ageing mice. British Journal of Nutrition, 2022, 127, 641-652.	2.3	4
2	Surface plasmon resonance aptasensor for soluble ICAM-1 protein in blood samples. Analyst, The, 2022, 147, 1663-1668.	3.5	3
3	Detection of viruses by probe-gated silica nanoparticles directly from swab samples. Talanta, 2022, 246, 123429.	5.5	5
4	Noncoding RNAs in age-related cardiovascular diseases. Ageing Research Reviews, 2022, 77, 101610.	10.9	33
5	Effects of two types of energy restriction on methylation levels of adiponectin receptor 1 and leptin receptor overlapping transcript in a mouse mammary tumour virus-transforming growth factor-Î± breast cancer mouse model. British Journal of Nutrition, 2021, 125, 1-9.	2.3	9
6	Anticancer properties of astaxanthin: A molecule of great promise. , 2021, , 427-445.		3
7	Roles of adiponectin and leptin signaling-related microRNAs in the preventive effects of calorie restriction in mammary tumor development. Applied Physiology, Nutrition and Metabolism, 2021, 46, 866-876.	1.9	6
8	The Effect of Sleeve Pattern and Fit on E-Textile Electromyography (EMG) Electrode Performance in Smart Clothing Design. Sensors, 2021, 21, 5621.	3.8	11
9	P.26 Liver Transglutaminase 2 Level Comparison Among Different Dietary Interventions. Artery Research, 2020, 26, S49-S49.	0.6	0
10	Electrophysiological effects of polyethylene glycol modified gold nanoparticles on mouse hippocampal neurons. Heliyon, 2020, 6, e05824.	3.2	6
11	Understanding the Effect of Clothing Pattern On E-Textile Electromyography (EMG) Electrode Performance. , 2020, , .		1
12	A Pilot Study on Electrodeâ€“Skin Impedance Analysis of Embroidered EMG Electrodes. EAI/Springer Innovations in Communication and Computing, 2020, , 365-371.	1.1	0
13	Leptin Signaling in Liver Tissue of a Transgenic Breast Cancer Mouse Model. Cureus, 2020, 12, e6737.	0.5	2
14	Effects of leptin on the viability of MCF-7 and T47D cells at different glucose concentrations. Journal of Experimental and Clinical Medicine (Turkey), 2020, 37, 119-125.	0.2	0
15	Effects of longâ€term intermittent versus chronic calorie restriction on oxidative stress in a mouse cancer model. IUBMB Life, 2019, 71, 1973-1985.	3.4	9
16	Enhanced antitumor activity of carbendazim on HeLa cervical cancer cells by aptamer mediated controlled release. RSC Advances, 2019, 9, 36005-36010.	3.6	8
17	Effects of carbendazim and astaxanthin co-treatment on the proliferation of MCF-7 breast cancer cells. In Vitro Cellular and Developmental Biology - Animal, 2019, 55, 113-119.	1.5	29
18	Identification of immune-related genes in thymus of breast cancer mouse model exposed to different calorie restriction. Turkish Journal of Biochemistry, 2019, 44, 635-645.	0.5	0

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19	Modelling physical resilience in ageing mice. Mechanisms of Ageing and Development, 2019, 177, 91-102.	4.6	13
20	Roles of Adiponectin Signaling Related Proteins in Mammary Tumor Development. Laparoscopic Endoscopic Surgical Science, 2019, 30, 290-295.	0.0	3
21	Effects of different glucose concentrations on the leptin signaling pathway in MCF-7 and T47D breast cancer cells. Annals of Medical Research, 2019, 26, 2966.	0.1	4
22	Aging in Rodents. , 2019, , .		0
23	The effect of modified gold nanoparticles on the function of neurons of mice hipocampal brain slices. Mersin Ãœniversitesi SaÄŸlÄ±k Bilimleri Dergisi, 2019, 12, 328-340.	0.4	3
24	Transcriptome Analysis of the Thymus in Short-Term Calorie-Restricted Mice Using RNA-seq. International Journal of Genomics, 2018, 2018, 1-10.	1.6	5
25	Towards frailty biomarkers: Candidates from genes and pathways regulated in aging and age-related diseases. Ageing Research Reviews, 2018, 47, 214-277.	10.9	309
26	Effects of Chronic and Intermittent Calorie Restriction on Adropin Levels in Breast Cancer. Nutrition and Cancer, 2017, 69, 1003-1010.	2.0	13
27	Genotyping of single nucleotide polymorphism by probe-gated silica nanoparticles. Analytical Biochemistry, 2017, 537, 78-83.	2.4	9
28	Association between tumor development and oxidative stress in MMTV-TGF-Î± mice applied different types of calorie restriction. Toxicology Letters, 2017, 280, S112.	0.8	0
29	Hydrogen peroxide prolongs mitotic arrest in a dose dependent manner and independently of the spindle assembly checkpoint activity in Saccharomyces cerevisiae. Acta Biologica Hungarica, 2017, 68, 477-489.	0.7	7
30	Acquisition of 3D Natural Scaffold by Decellularization. , 2017, , .		0
31	Mouse models of ageing and their relevance to disease. Mechanisms of Ageing and Development, 2016, 160, 41-53.	4.6	82
32	Staphylococcus aureus detection in blood samples by silica nanoparticle-oligonucleotides conjugates. Biosensors and Bioelectronics, 2016, 86, 27-32.	10.1	64
33	Cerebral Artery Remodeling in Rodent Models of Subarachnoid Hemorrhage. Journal of Vascular Research, 2015, 52, 103-115.	1.4	6
34	Integrative Modeling of Small Artery Structure and Function Uncovers Critical Parameters for Diameter Regulation. PLoS ONE, 2014, 9, e86901.	2.5	12
35	Cerebral arterial wall remodeling following subarachnoid hemorrhage (853.5). FASEB Journal, 2014, 28, 853.5.	0.5	0
36	Relation between active and passive biomechanics of small mesenteric arteries during remodeling. Journal of Biomechanics, 2013, 46, 1420-1426.	2.1	13

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37	Testosterone and Î²-oestradiol prevent inward remodelling of rat small mesenteric arteries: role of NO and transglutaminase. Clinical Science, 2013, 124, 719-728.	4.3	9
38	Smooth Muscle Contractile Plasticity in Rat Mesenteric Small Arteries: Sensitivity to Specific Vasoconstrictors, Distension and Inflammatory Cytokines. Journal of Vascular Research, 2013, 50, 249-262.	1.4	10
39	Intrinsic balance of small artery active and passive diameterâ€tension relations. FASEB Journal, 2013, 27, 902.6.	0.5	0
40	Transglutaminase activity regulates atherosclerotic plaque composition at locations exposed to oscillatory shear stress. Atherosclerosis, 2012, 224, 355-362.	0.8	23
41	Vascular smooth muscle cells remodel collagen matrices by long-distance action and anisotropic interaction. Medical and Biological Engineering and Computing, 2012, 50, 701-715.	2.8	15
42	Smooth Muscle Biomechanics and Plasticity: Relevance for Vascular Calibre and Remodelling. Basic and Clinical Pharmacology and Toxicology, 2012, 110, 35-41.	2.5	30
43	The Redox State of Transglutaminase 2 Controls Arterial Remodeling. PLoS ONE, 2011, 6, e23067.	2.5	44
44	Effects of Organophosphate Insecticides on Mechanical Properties of Rat Aorta. Physiological Research, 2011, 60, 39-46.	0.9	28
45	A dynamic approach reveals nonâ€muscle myosin influences the overall smooth muscle crossâ€bridge cycling rate. FEBS Letters, 2010, 584, 2862-2866.	2.8	5
46	Detection of Viruses by Probe-Gated Silica Nanoparticles Directly from Swab Samples. SSRN Electronic Journal, 0, , .	0.4	1