

Anand Thirupathi

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

951
citations

471061

17
h-index

500791

28
g-index

56
all docs

56
docs citations

56
times ranked

1345
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-regulatory network of ROS: the interconnection of ROS, PGC-1 alpha, and AMPK-SIRT1 during exercise. <i>Journal of Physiology and Biochemistry</i> , 2017, 73, 487-494.	1.3	134
2	Brain Iron Metabolism and CNS Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1173, 1-19.	0.8	78
3	Swimming training improves mental health parameters, cognition and motor coordination in children with Attention Deficit Hyperactivity Disorder. <i>International Journal of Environmental Health Research</i> , 2020, 30, 584-592.	1.3	57
4	Effect of Different Exercise Modalities on Oxidative Stress: A Systematic Review. <i>BioMed Research International</i> , 2021, 2021, 1-10.	0.9	55
5	Effects of reactive oxygen species and interplay of antioxidants during physical exercise in skeletal muscles. <i>Journal of Physiology and Biochemistry</i> , 2018, 74, 359-367.	1.3	45
6	Ferritinophagy-Mediated Ferroptosis Involved in Paraquat-Induced Neurotoxicity of Dopaminergic Neurons: Implication for Neurotoxicity in PD. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-13.	1.9	43
7	Effect of Running Exercise on Oxidative Stress Biomarkers: A Systematic Review. <i>Frontiers in Physiology</i> , 2020, 11, 610112.	1.3	36
8	Methotrexate treatment provokes apoptosis of proliferating keratinocyte in psoriasis patients. <i>Clinical and Experimental Medicine</i> , 2017, 17, 371-381.	1.9	35
9	Î²-Amyrin, a pentacyclic triterpene, exhibits anti-fibrotic, anti-inflammatory, and anti-apoptotic effects on dimethyl nitrosamine-induced hepatic fibrosis in male rats. <i>Human and Experimental Toxicology</i> , 2017, 36, 113-122.	1.1	30
10	Cigarette smoke exposure induces ROS-mediated autophagy by regulating sestrin, AMPK, and mTOR level in mice. <i>Redox Report</i> , 2019, 24, 27-33.	1.4	30
11	A new mechanism of POCD caused by sevoflurane in mice: cognitive impairment induced by cross-dysfunction of iron and glucose metabolism. <i>Aging</i> , 2021, 13, 22375-22389.	1.4	28
12	Modulatory effects of taurine on metabolic and oxidative stress parameters in a mice model of muscle overuse. <i>Nutrition</i> , 2018, 54, 158-164.	1.1	27
13	Role of AMPK and its molecular intermediates in subjugating cancer survival mechanism. <i>Life Sciences</i> , 2019, 227, 30-38.	2.0	27
14	Sevoflurane anesthesia during pregnancy in mice induces cognitive impairment in the offspring by causing iron deficiency and inhibiting myelinogenesis. <i>Neurochemistry International</i> , 2020, 135, 104693.	1.9	26
15	Taurine Reverses Oxidative Damages and Restores the Muscle Function in Overuse of Exercised Muscle. <i>Frontiers in Physiology</i> , 2020, 11, 582449.	1.3	23
16	Physical exercise: An inducer of positive oxidative stress in skeletal muscle aging. <i>Life Sciences</i> , 2020, 252, 117630.	2.0	22
17	Physical exercise is effective in preventing cigarette smoke-induced pulmonary oxidative response in mice. <i>International Journal of COPD</i> , 2016, 11, 603.	0.9	21
18	Propofol prevents oxidative stress and apoptosis by regulating iron homeostasis and targeting JAK/STAT3 signaling in SH-SY5Y cells. <i>Brain Research Bulletin</i> , 2019, 153, 191-201.	1.4	21

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19	Strength training and aerobic exercise alter mitochondrial parameters in brown adipose tissue and equally reduce body adiposity in aged rats. <i>Journal of Physiology and Biochemistry</i> , 2019, 75, 101-108.	1.3	21
20	Highly sustainable cascade pretreatment of low-pressure steam heating and organic acid on pineapple waste biomass for efficient delignification. <i>Fuel</i> , 2022, 321, 124061.	3.4	16
21	Methotrexate normalized keratinocyte activation cycle by overturning abnormal keratins as well as deregulated inflammatory mediators in psoriatic patients. <i>Clinica Chimica Acta</i> , 2015, 451, 329-337.	0.5	15
22	Effect of sevoflurane on iron homeostasis and toxicity in the brain of mice. <i>Brain Research</i> , 2021, 1757, 147328.	1.1	15
23	The Effect of Pelvic Floor Muscle Training on Pelvic Floor Dysfunction in Pregnant and Postpartum Women. <i>Physical Activity and Health</i> , 2020, 4, 130-141.	0.6	15
24	Effect of rice husk and palm tree-based biochar addition on the anaerobic digestion of food waste/sludge. <i>Fuel</i> , 2022, 315, 123188.	3.4	14
25	The Effects of Physical Training are Varied and Occur in an Exercise Type-Dependent Manner in Elderly Men. , 2017, 8, 887.		13
26	Prenatal sevoflurane exposure: Effects of iron metabolic dysfunction on offspring cognition and potential mechanism. <i>International Journal of Developmental Neuroscience</i> , 2021, 81, 1-9.	0.7	10
27	How to Improve the Standing Long Jump Performance? A Mininarrative Review. <i>Applied Bionics and Biomechanics</i> , 2020, 2020, 1-5.	0.5	10
28	Gold Nanoparticle-Based Therapy for Muscle Inflammation and Oxidative Stress. <i>Journal of Inflammation Research</i> , 0, Volume 15, 3219-3234.	1.6	10
29	Current Evidence on Traditional Chinese Exercise for Cancers: A Systematic Review of Randomized Controlled Trials. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5011.	1.2	9
30	The Dose Response of Taurine on Aerobic and Strength Exercises: A Systematic Review. <i>Frontiers in Physiology</i> , 2021, 12, 700352.	1.3	9
31	Nickel-modified sulfated zirconia catalyst: Synthesis and application for transforming waste cooking oil into biogasoline via a hydrocracking process. <i>Fuel</i> , 2022, 322, 124152.	3.4	7
32	Resistance Exercise Training Improves Metabolic and Inflammatory Control in Adipose and Muscle Tissues in Mice Fed a High-Fat Diet. <i>Nutrients</i> , 2022, 14, 2179.	1.7	7
33	Methotrexate regulates Th-1 response by suppressing caspase-1 and cytokines in psoriasis patients. <i>Clinica Chimica Acta</i> , 2016, 453, 164-169.	0.5	6
34	Effects of different frequencies of physical training on electron transport chain and oxidative damage in healthy mice. <i>Motriz Revista De Educacao Fisica</i> , 2018, 24, .	0.3	5
35	Exercise Cuts Both Ways with ROS in Remodifying Innate and Adaptive Responses: Rewiring the Redox Mechanism of the Immune System during Exercise. <i>Antioxidants</i> , 2021, 10, 1846.	2.2	5
36	Greener production of compost from agricultural biomass residues amended with mule dung for agronomic application. <i>Chemosphere</i> , 2022, 288, 132561.	4.2	4

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37	Inhibition of HDACs Suppresses Cell Proliferation and Cell Migration of Gastric Cancer by Regulating E2F5 Targeting BCL2. <i>Life</i> , 2021, 11, 1425.	1.1	4
38	Effect of aquatic exercise on mental health, functional autonomy, and oxidative damages in diabetes elderly individuals. <i>International Journal of Environmental Health Research</i> , 2021, , 1-14.	1.3	3
39	Pharmakinetics studies, molecular docking and discovery of anti-proliferative agents and its targeting EGFR inhibitors. <i>Journal of King Saud University - Science</i> , 2022, 34, 101679.	1.6	3
40	Sublethal Effects of Arsenic on Oxygen Consumption, Hematological and Gill Histopathological Indices in <i>Chanos chanos</i> . <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12967.	1.2	3
41	Physical Exercise~Mediated Changes in Redox Profile Contribute to Muscle Remodeling After Passive Hand-Rolled Cornhusk Cigarette Smoke Exposure. <i>Frontiers in Physiology</i> , 2020, 11, 590962.	1.3	2
42	Effect of taurine associated gold nanoparticles on oxidative stress in muscle of mice exposed to overuse model. <i>Anais Da Academia Brasileira De Ciencias</i> , 2021, 93, e20191450.	0.3	2
43	The Influence of Different Rope Jumping Methods on Adolescents~ Lower Limb Biomechanics during the Ground-Contact Phase. <i>Children</i> , 2022, 9, 721.	0.6	2
44	Aging and Exercise-Induced Reactive Oxygen Species. <i>Healthy Ageing and Longevity</i> , 2022, , 97-114.	0.2	1
45	<i>Solanum pubescens</i> wild fruits essential oil ~ A golden casket for its antimicrobial and anti-inflammatory mediated wound healing efficacy in vertebrate model <i>Mus musculus</i> . <i>Current Topics in Medicinal Chemistry</i> , 2022, 22, .	1.0	1
46	Antioxidant and Antibacterial Activities of Polysaccharides. , 2021, , 1-27.		0
47	Modulatory role of <i>Shorea robusta</i> bark on Glucose-metabolizing enzymes in diethylnitrosamine induced hepatocellular carcinoma in rats. <i>Pharmacognosy Magazine</i> , 2015, 11, 496.	0.3	0
48	Fastidious Anatomization of Biota Procured Compounds on Cancer Drug Discovery. <i>Current Pharmaceutical Biotechnology</i> , 2020, 21, 354-363.	0.9	0
49	Redox Homeostasis in Skeletal Muscle Aging. <i>Healthy Ageing and Longevity</i> , 2022, , 87-96.	0.2	0
50	GC-MS Profiling, Invitro Antidiabetic, Antioxidant and Antimicrobial Activities of a Novel Polyherbal Formulation. <i>International Journal of Pharmaceutical Sciences and Drug Research</i> , 0, , 590-596.	0.1	0
51	Regulation of ROS defense system by <i>Hybanthus enneaspermus</i> in CCl4 induce cardiac damage. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2015, 28, 1397-9.	0.2	0
52	Antioxidant and Antibacterial Activities of Polysaccharides. , 2022, , 553-578.		0
53	Editorial: Exercise Friend or Foe? For the Management of Oxidative Stress in Health and Diseases. <i>Frontiers in Physiology</i> , 2022, 13, 881197.	1.3	0