

Ahmed Agil

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

1,965
citations

279701

23
h-index

254106

43
g-index

58
all docs

58
docs citations

58
times ranked

2829
citing authors

#	ARTICLE	IF	CITATIONS
1	Antioxidant Activity of Maslinic Acid, a Triterpene Derivative Obtained from <i>Olea europaea</i> . <i>Planta Medica</i> , 2003, 69, 472-474.	0.7	146
2	Melatonin induces browning of inguinal white adipose tissue in Zucker diabetic fatty rats. <i>Journal of Pineal Research</i> , 2013, 55, 416-423.	3.4	144
3	Melatonin improves glucose homeostasis in young Zucker diabetic fatty rats. <i>Journal of Pineal Research</i> , 2012, 52, 203-210.	3.4	136
4	Beneficial effects of melatonin on obesity and lipid profile in young Zucker diabetic fatty rats. <i>Journal of Pineal Research</i> , 2011, 50, 207-212.	3.4	123
5	Melatonin ameliorates low-grade inflammation and oxidative stress in young Zucker diabetic fatty rats. <i>Journal of Pineal Research</i> , 2013, 54, 381-388.	3.4	119
6	Melatonin increases brown adipose tissue mass and function in Zucker diabetic fatty rats: implications for obesity control. <i>Journal of Pineal Research</i> , 2018, 64, e12472.	3.4	97
7	Plasma Oxidizability in Subjects With Normal Glucose Tolerance, Impaired Glucose Tolerance, and NIDDM. <i>Diabetes Care</i> , 1995, 18, 646-653.	4.3	79
8	Maternal, fetal and perinatal alterations associated with obesity, overweight and gestational diabetes: an observational cohort study (PREOBE). <i>BMC Public Health</i> , 2016, 16, 207.	1.2	78
9	Melatonin reduces hepatic mitochondrial dysfunction in diabetic obese rats. <i>Journal of Pineal Research</i> , 2015, 59, 70-79.	3.4	72
10	Plasma lipid peroxidation in sporadic Parkinson's disease. Role of the l-dopa. <i>Journal of the Neurological Sciences</i> , 2006, 240, 31-36.	0.3	67
11	Melatonin and metabolic regulation: a review. <i>Food and Function</i> , 2014, 5, 2806-2832.	2.1	59
12	Melatonin improves mitochondrial function in inguinal white adipose tissue of Zucker diabetic fatty rats. <i>Journal of Pineal Research</i> , 2014, 57, 103-109.	3.4	55
13	Vitamin A status in acute exacerbations of cystic fibrosis. <i>American Journal of Clinical Nutrition</i> , 1996, 64, 635-639.	2.2	47
14	Isolation of an Anti-Hepatotoxic Principle from the Juice of <i>Ecballium elaterium</i> . <i>Planta Medica</i> , 1999, 65, 673-675.	0.7	45
15	Activity of melatonin against <i>Leishmania infantum</i> promastigotes by mitochondrial dependent pathway. <i>Chemico-Biological Interactions</i> , 2014, 220, 84-93.	1.7	44
16	Brown adipose tissue and novel therapeutic approaches to treat metabolic disorders. <i>Translational Research</i> , 2015, 165, 464-479.	2.2	42
17	Treatment of Leishmaniasis: A Review and Assessment of Recent Research. <i>Current Pharmaceutical Design</i> , 2015, 21, 2259-2275.	0.9	33
18	<i>Withania coagulans</i> Fruit Extract Reduces Oxidative Stress and Inflammation in Kidneys of Streptozotocin-Induced Diabetic Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-9.	1.9	32

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19	Altered Serum Selenium and Uric Acid Levels and Dyslipidemia in Hemodialysis Patients Could be Associated with Enhanced Cardiovascular Risk. <i>Biological Trace Element Research</i> , 2011, 144, 496-503.	1.9	30
20	Melatonin Improves Mitochondrial Dynamics and Function in the Kidney of Zucker Diabetic Fatty Rats. <i>Journal of Clinical Medicine</i> , 2020, 9, 2916.	1.0	30
21	Role of Na ⁺ ,K ⁺ -ATPase in Morphine-Induced Antinociception. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 306, 1122-1128.	1.3	28
22	Antioxidant activity of melatonin in diabetes in relation to the regulation and levels of plasma Cu, Zn, Fe, Mn, and Se in Zucker diabetic fatty rats. <i>Nutrition</i> , 2013, 29, 785-789.	1.1	28
23	HER2-signaling pathway, JNK and ERKs kinases, and cancer stem-like cells are targets of Bozopinib. <i>Oncotarget</i> , 2014, 5, 3590-3606.	0.8	27
24	Melatonin increases intracellular calcium in the liver, muscle, white adipose tissues and pancreas of diabetic obese rats. <i>Food and Function</i> , 2015, 6, 2671-2678.	2.1	26
25	Mechanisms involved in morphine-induced activation of synaptosomal Na ⁺ ,K ⁺ -ATPase. <i>Brain Research</i> , 2002, 957, 311-319.	1.1	23
26	Analysis of food advertising to children on Spanish television: probing exposure to television marketing. <i>Archives of Medical Science</i> , 2016, 4, 799-807.	0.4	22
27	Time-Restricted Feeding Improves Body Weight Gain, Lipid Profiles, and Atherogenic Indices in Cafeteria-Diet-Fed Rats: Role of Browning of Inguinal White Adipose Tissue. <i>Nutrients</i> , 2020, 12, 2185.	1.7	21
28	Hydroxy-urea protects erythrocytes against oxidative damage. <i>Redox Report</i> , 2000, 5, 29-34.	1.4	18
29	Evaluation of endomorphin-1 on the activity of Na ⁺ ,K ⁺ -ATPase using in vitro and in vivo studies. <i>European Journal of Pharmacology</i> , 2003, 458, 291-297.	1.7	17
30	Serum selenium levels in cirrhotic patients are not influenced by the disease severity index. <i>Nutrition Research</i> , 2010, 30, 574-578.	1.3	17
31	Taiwaniaquinoid and abietane quinone derivatives with trypanocidal activity against <i>T. cruzi</i> and <i>Leishmania</i> spp.. <i>Parasitology International</i> , 2012, 61, 405-413.	0.6	17
32	S-Methylcysteine (SMC) Ameliorates Intestinal, Hepatic, and Splenic Damage Induced by <i>Cryptosporidium parvum</i> Infection Via Targeting Inflammatory Modulators and Oxidative Stress in Swiss Albino Mice. <i>Biomedicines</i> , 2020, 8, 423.	1.4	17
33	Melatonin Improves Endoplasmic Reticulum Stress-Mediated IRE1 β Pathway in Zucker Diabetic Fatty Rat. <i>Pharmaceuticals</i> , 2021, 14, 232.	1.7	17
34	Melatonin Enhances the Mitochondrial Functionality of Brown Adipose Tissue in Obese Diabetic Rats. <i>Antioxidants</i> , 2021, 10, 1482.	2.2	17
35	Potential Relevance of Melatonin Against Some Infectious Agents: A Review and Assessment of Recent Research. <i>Current Medicinal Chemistry</i> , 2015, 22, 3848-3861.	1.2	17
36	Analgesic and antipyretic effects of <i>Ecballium elaterium</i> (L.) A. Richard. Extract in rodents. <i>Phytotherapy Research</i> , 1995, 9, 135-138.	2.8	15

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37	Plasma oxidizability in Mexican-Americans and non-Hispanic whites. <i>Metabolism: Clinical and Experimental</i> , 1996, 45, 876-881.	1.5	15
38	Superoxide production and LDL oxidation by diabetic neutrophils. <i>Journal of Diabetes and Its Complications</i> , 1996, 10, 206-210.	1.2	13
39	Bozepinib, a novel small antitumor agent, induces PKR-mediated apoptosis and synergizes with IFN α ; triggering apoptosis, autophagy and senescence. <i>Drug Design, Development and Therapy</i> , 2013, 7, 1301.	2.0	13
40	Serum Zn Levels and Cu/Zn Ratios Worsen in Hemodialysis Patients, Implying Increased Cardiovascular Risk: A 2-Year Longitudinal Study. <i>Biological Trace Element Research</i> , 2014, 158, 129-135.	1.9	12
41	Dialysability of Magnesium and Calcium from Hospital Duplicate Meals: Influence Exerted by Other Elements. <i>Biological Trace Element Research</i> , 2010, 133, 313-324.	1.9	11
42	Seroprevalence of <i>L</i> infection among asymptomatic renal transplant recipients from southern Spain. <i>Transplant Infectious Disease</i> , 2015, 17, 795-799.	0.7	11
43	Maternal PPARC Pro12Ala polymorphism is associated with infant's neurodevelopmental outcomes at 18 months of age. <i>Early Human Development</i> , 2015, 91, 457-462.	0.8	11
44	Diet quality index as a predictor of treatment efficacy in overweight and obese adolescents: The EVASYON study. <i>Clinical Nutrition</i> , 2019, 38, 782-790.	2.3	11
45	Duplicate portion sampling combined with spectrophotometric analysis affords the most accurate results when assessing daily dietary phosphorus intake. <i>Nutrition Research</i> , 2012, 32, 573-580.	1.3	10
46	Changes in morphine-induced activation of cerebral Na ⁺ ,K ⁺ -ATPase during morphine tolerance: Biochemical and behavioral consequences. <i>Biochemical Pharmacology</i> , 2012, 83, 1572-1581.	2.0	8
47	Distinguishing subgroups among $\frac{1}{4}$ -opioid receptor agonists using Na ⁺ ,K ⁺ -ATPase as an effector mechanism. <i>European Journal of Pharmacology</i> , 2016, 774, 43-49.	1.7	7
48	Protective Effect of Melatonin Administration against SARS-CoV-2 Infection: A Systematic Review. <i>Current Issues in Molecular Biology</i> , 2022, 44, 31-45.	1.0	7
49	Zn, Cu, and Fe Concentrations in Dehydrated Herbs (Thyme, Rosemary, Cloves, Oregano, and Basil) and the Correlation with the Microbial Counts of <i>Listeria monocytogenes</i> and Other Foodborne Pathogens. <i>Foods</i> , 2020, 9, 1658.	1.9	6
50	Feline Leishmaniosis in Northwestern Italy: Current Status and Zoonotic Implications. <i>Veterinary Sciences</i> , 2021, 8, 215.	0.6	6
51	Melatonin administration in diabetes: regulation of plasma Cr, V, and Mg in young male Zucker diabetic fatty rats. <i>Food and Function</i> , 2014, 5, 512.	2.1	5
52	Melatonin induces fat browning by transdifferentiation of white adipocytes and <i>de novo</i> differentiation of mesenchymal stem cells. <i>Food and Function</i> , 2022, 13, 3760-3775.	2.1	5
53	Melatonin increases magnesium concentrations in white adipose tissue and pancreas of diabetic obese rats. <i>Journal of Functional Foods</i> , 2018, 48, 167-172.	1.6	1
54	Melatonin inhibits growth of B16 melanoma in C57BL/6 mice. <i>Melatonin Research</i> , 2020, 3, 436-450.	0.7	1

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55	PLASMA VITAMIN A LEVELS ARE DEPRESSED IN ACUTE EXACERBATIONS OF CYSTIC FIBROSIS. Journal of Pediatric Gastroenterology and Nutrition, 1995, 21, 360.	0.9	0
56	Ca and Mg Concentrations in Spices and Growth of Commonly Sporulated and Non-Sporulated Food-Borne Microorganisms According to Marketing Systems. Foods, 2021, 10, 1122.	1.9	0
57	Melatonin Improves Levels of Zn and Cu in the Muscle of Diabetic Obese Rats. Pharmaceutics, 2021, 13, 1535.	2.0	0