

# Ismail Koyuncu

## List of Publications by Year in descending order

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Version: 2024-02-01

82  
papers

793  
citations

471509

17  
h-index

677142

22  
g-index

82  
all docs

82  
docs citations

82  
times ranked

1025  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Protective Effect of Naringenin-Oxime on Cisplatin-Induced Toxicity in Rats. <i>Biochemistry Research International</i> , 2017, 2017, 1-9.	3.3	44
2	Ginger ( <i>Zingiber officinale</i> Roscoe) for the treatment and prevention of necrotizing enterocolitis. <i>Journal of Ethnopharmacology</i> , 2018, 225, 297-308.	4.1	35
3	Evaluation of anticancer, antioxidant activity and phenolic compounds of <i>Artemisia absinthium</i> ÂL. Extract. <i>Cellular and Molecular Biology</i> , 2018, 64, 25-34.	0.9	33
4	Ameliorative influence of <i>Urtica dioica</i> L against cisplatin-induced toxicity in mice bearing Ehrlich ascites carcinoma. <i>Drug and Chemical Toxicology</i> , 2012, 35, 251-257.	2.3	29
5	Selective inhibition of carbonic anhydrase-IX by sulphonamide derivatives induces pH and reactive oxygen species-mediated apoptosis in cervical cancer HeLa cells. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2018, 33, 1137-1149.	5.2	27
6	Assessment of the antiproliferative and apoptotic roles of sulfonamide carbonic anhydrase IX inhibitors in HeLa cancer cell line. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2019, 34, 75-86.	5.2	25
7	Synthesis and cytotoxic activities of novel copper and silver complexes of 1,3-diaryltriazene-substituted sulfonamides. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2019, 34, 110-116.	5.2	24
8	Inhibition of Carbonic Anhydrase IX Promotes Apoptosis through Intracellular pH Level Alterations in Cervical Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6098.	4.1	24
9	Anticancer, anticholinesterase and antidiabetic activities of tunceli garlic ( <i>Allium tuncelianum</i> ): determining its phytochemical content by LC-MS/MS analysis. <i>Journal of Food Measurement and Characterization</i> , 2021, 15, 3323-3335.	3.2	23
10	A Comprehensive Study of Oxidative Stress in Tinnitus Patients. <i>Indian Journal of Otolaryngology and Head and Neck Surgery</i> , 2018, 70, 521-526.	0.9	22
11	Sumac ( <i>Rhus coriaria</i> ) for the prevention and treatment of necrotizing enterocolitis. <i>Journal of Food Biochemistry</i> , 2019, 43, e13068.	2.9	22
12	Antigenotoxic and antioxidant potentials of newly derivatized compound naringenin-oxime relative to naringenin on human mononuclear cells. <i>Drug and Chemical Toxicology</i> , 2016, 39, 66-73.	2.3	20
13	The apoptotic, cytotoxic and genotoxic effect of novel binuclear boron-fluoride complex on endometrial cancer. <i>BioMetals</i> , 2017, 30, 933-944.	4.1	20
14	The cytotoxic, apoptotic and oxidative effects of carbonic anhydrase IX inhibitor on colorectal cancer cells. <i>Journal of Bioenergetics and Biomembranes</i> , 2018, 50, 107-116.	2.3	20
15	Evaluation of the anticancer potential of a sulphonamide carbonic anhydrase IX inhibitor on cervical cancer cells. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2019, 34, 703-711.	5.2	20
16	Oxidative stress and decreased Nrf2 level in pediatric patients with COVID-19. <i>Journal of Medical Virology</i> , 2022, 94, 2259-2264.	5.0	20
17	Thiol level and total oxidant/antioxidant status in patients with COVID-19 infection. <i>Irish Journal of Medical Science</i> , 2022, 191, 1925-1930.	1.5	19
18	Synthesis, characterization, in vitro cytotoxicity and antimicrobial investigation and evaluation of physicochemical properties of novel 4-(2-methylacetamide)benzenesulfonamide derivatives. <i>Bioorganic Chemistry</i> , 2017, 70, 163-172.	4.1	18

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19	CCT3 suppression prompts apoptotic machinery through oxidative stress and energy deprivation in breast and prostate cancers. <i>Free Radical Biology and Medicine</i> , 2021, 165, 88-99.	2.9	18
20	The evaluation of antioxidant and anticancer effects of <i>Lepidium Sativum</i> Subsp <i>Spinescens</i> L. methanol extract on cancer cells. <i>Cellular and Molecular Biology</i> , 2018, 64, 72-80.	0.9	18
21	Comparison of cytokines and prooxidants/antioxidants markers among adults with refractory versus well-controlled epilepsy: A cross-sectional study. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2018, 60, 105-109.	2.0	16
22	miRNA-mediated apoptosis activation through TMEM 48 inhibition in A549 cell line. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 323-329.	2.1	15
23	The evaluation of thiol/disulphide homeostasis in diabetic nephropathy. <i>Diabetes Research and Clinical Practice</i> , 2019, 148, 249-253.	2.8	15
24	An Investigation of Oxidative Stress and Thiol/Disulphide Homeostasis in Graves' Disease. <i>Medicina (Lithuania)</i> , 2019, 55, 275.	2.0	13
25	Therapeutic and preventative effects of ankaferd blood stopper in an experimental necrotizing enterocolitis model. <i>Biomedicine and Pharmacotherapy</i> , 2019, 110, 105-110.	5.6	13
26	Synthesis and Characterization of the Hemi-Salen Ligands and Their Triboron Complexes: Spectroscopy and Examination of Anticancer Properties. <i>Chemistry and Biodiversity</i> , 2018, 15, e1700428.	2.1	12
27	Antiproliferative and Apoptotic Role of Novel Synthesized Cu(II) Complex with 3-(3-(4-fluorophenyl)Triaz-1-en-1-yl) Benzenesulfonamide in Common Cancer Models. <i>Anticancer Research</i> , 2018, 38, 5115-5120.	1.1	11
28	Relationships between paroxysmal atrial fibrillation, total oxidant status, and DNA damage. <i>Revista Portuguesa De Cardiologia</i> , 2021, 40, 5-10.	0.5	11
29	High Serum Levels of Serum 100 Beta Protein, Neuron-specific Enolase, Tau, Active Caspase-3, M30 and M65 in Children with Autism Spectrum Disorders. <i>Clinical Psychopharmacology and Neuroscience</i> , 2020, 18, 270-278.	2.0	11
30	A new biomarker for the early diagnosis of ovarian torsion: SCUBE-1. <i>Clinical and Experimental Reproductive Medicine</i> , 2018, 45, 94-99.	1.5	10
31	Preventative and therapeutic effects of fennel ( <i>Foeniculum vulgare</i> ) seed extracts against necrotizing enterocolitis. <i>Journal of Food Biochemistry</i> , 2020, 44, e13284.	2.9	10
32	Identification of phenolic compounds, antioxidant activity and anti-cancer effects of the extract obtained from the shoots of <i>Ornithogalum narbonense</i> AL. <i>Cellular and Molecular Biology</i> , 2018, 64, 75-83.	0.9	10
33	Novel Fluorine Boron Hybrid Complex as Potential Antiproliferative Drugs on Colorectal Cancer Cell Line. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019, 19, 627-637.	1.7	10
34	Intracellular pH-mediated induction of apoptosis in HeLa cells by a sulfonamide carbonic anhydrase inhibitor. <i>International Journal of Biological Macromolecules</i> , 2022, 201, 37-46.	7.5	10
35	Interleukin-33 and oxidative stress in epilepsy patients. <i>Epilepsy Research</i> , 2021, 176, 106738.	1.6	9
36	Pistachio Green Hull Extract Induces Apoptosis through Multiple Signaling Pathways by Causing Oxidative Stress on Colon Cancer Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2021, 21, 725-737.	1.7	8

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37	The effect of a bisâ€structured Schiff base on apoptosis, cytotoxicity, and DNA damage of breast cancer cells. <i>Journal of Biochemical and Molecular Toxicology</i> , 2022, 36, .	3.0	8
38	Association between the No-Reflow Phenomenon and Soluble CD40 Ligand Level in Patients with Acute ST-Segment Elevation Myocardial Infarction. <i>Medicina (Lithuania)</i> , 2019, 55, 376.	2.0	6
39	The relationship among noise, total oxidative status and DNA damage. <i>International Archives of Occupational and Environmental Health</i> , 2022, 95, 849-854.	2.3	6
40	The Role of Interferences in the Increasing Incidence of Vitamin D Deficiency. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2020, 20, 1303-1308.	1.2	6
41	Investigation of galectin-3 levels in diabetic foot ulcers. <i>Journal of Wound Care</i> , 2018, 27, 843-848.	1.2	5
42	Diagnostic potential of <i>Brucella melitensis</i> Rev1 native Omp28 precursor in human brucellosis. <i>Central-European Journal of Immunology</i> , 2018, 43, 81-89.	1.2	5
43	Evaluation of serum prolidase activity and oxidative stress in patients with temporomandibular joint internal derangement. <i>Cranio - Journal of Craniomandibular Practice</i> , 2021, 39, 238-248.	1.4	5
44	Molecular Docking Demonstration of the Liquorice Chemical Molecules on the Protease and ACE2 of COVID-19 Virus. <i>Current Enzyme Inhibition</i> , 2021, 17, 98-110.	0.4	5
45	Effects of Inositol Supplementation in Sperm Extender on the Quality of Cryopreserved Mesopotamian Catfish ( <i>Silurus triostegus</i> , H. 1843) Sperm. <i>Animals</i> , 2021, 11, 3029.	2.3	5
46	False Immunosuppressant Measurement by LC-MS/MS Method Due to Radiopaque Agents. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2019, 22, 129-134.	1.1	5
47	Plasma-Free Amino Acid Profiling of Nasal Polyposis Patients. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2020, 22, 657-662.	1.1	5
48	Comparison of sVCAM-1 and sICAM-1 levels in maternal serum and vaginal secretion between pregnant women with preterm prelabour ruptures of membranes and healthy pregnant women. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2019, 32, 910-915.	1.5	4
49	Impaired Thiol/Disulfide Homeostasis in Children Diagnosed with Autism: A Caseâ€Control Study. <i>Journal of Molecular Neuroscience</i> , 2021, 71, 1394-1402.	2.3	4
50	Evaluation of the Oxidative Stress Level and Serum Prolidase Activity in Patients with Sleep Bruxism. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2021, 24, 286-293.	1.1	4
51	In Vitro Demonstration of Drug-Reagent Interactions Among Commonly Used Parenteral Drugs in Cardiology. <i>Cardiovascular and Hematological Agents in Medicinal Chemistry</i> , 2021, 19, 43-49.	1.0	4
52	Comparisons of microbiota-generated metabolites in patients with young and elderly acute coronary syndrome. <i>Anatolian Journal of Cardiology</i> , 2020, 24, 175-182.	0.9	4
53	Measurement of the Cellular Hemoglobin Concentration by Laser Scatter Method from Excessive Lipemic Sample: CASE REPORT. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2019, 22, 502-505.	1.1	4
54	Relationship Between Oxidative Stress, Tau Level and Antioxidant Mechanisms of the KEAP-1/NRF-2/HO-1 in Children with Hydrocephalus. <i>Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry</i> , 2021, 20, 282-289.	1.1	4

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55	Effect of intrauterine infusion of <i>Momordica charantia</i> L. on oxidative stress and pregnancy rate in infertile cows. <i>Journal of Veterinary Research (Poland)</i> , 2017, 61, 489-496.	1.0	3
56	Expression Levels of A Disintegrin-like Metalloproteinase with Thrombospondin Motifs-4 and -5 (ADAMTS-4 and ADAMTS-5) in Inflamed and Healthy Gingival Tissues. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2020, 23, 168-176.	1.1	3
57	A Pilot Study for Investigation of Plasma Amino Acid Profile in Neurofibromatosis Type 1 Patients. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2020, 23, .	1.1	3
58	Investigation of the plasma copeptin level in cases with childhood migraine. <i>Human and Experimental Toxicology</i> , 2021, 40, 952-959.	2.2	3
59	Silencing of TP73-AS1 impairs prostate cancer cell proliferation and induces apoptosis via regulation of TP73. <i>Molecular Biology Reports</i> , 2022, 49, 6859-6869.	2.3	3
60	Antineuronal antibodies and 8-OHdG an indicator of cerebellar dysfunction in autism spectrum disorder: a case-control study. <i>Journal of Theoretical Social Psychology</i> , 2019, 29, 840-846.	1.9	2
61	Thiol-disulphide balance and total oxidant-antioxidant status in patients with chronic hepatitis C. <i>International Journal of Clinical Practice</i> , 2021, 75, e13988.	1.7	2
62	False Measurement of Blood Amino Acids by LC-MS/MS in a Patient Dependent on Matrix Effect after Total Parenteral Nutrition Infusion. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2021, 21, 966-969.	1.2	2
63	False Laboratory Test Result Through Colistin Interference in an Intensive Care Patient: Case Report. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2020, 23, 827-831.	1.1	2
64	Soluble ST2 as a Potential Biomarker in Pericardial Fluid of Coronary Artery Patients. <i>Brazilian Journal of Cardiovascular Surgery</i> , 2021, 36, 677-684.	0.6	2
65	Single Nucleotide Polymorphism Analysis in HIV and Kaposi's Sarcoma Disease by Microarray Technique. <i>Current HIV Research</i> , 2020, 18, 154-164.	0.5	2
66	Glucocorticoids in a Neonatal Hyperoxic Lung Injury Model: Pulmonary and Neurotoxic effects. <i>Pediatric Research</i> , 2021, , .	2.3	2
67	Comparison of the cytotoxic, genotoxic and apoptotic effects of Sugammadex and Neostigmine on human embryonic renal cell (HEK-293). <i>Cellular and Molecular Biology</i> , 2018, 64, 74-78.	0.9	2
68	Oxidative stress in prelingual sensorineural hearing loss and the effects of cochlear implant application on serum oxidative stress levels. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2019, 119, 177-182.	1.0	1
69	Enzyme Replacement Therapy may Affect Blood Immunosuppressant Monitoring. <i>Current Pediatric Reviews</i> , 2021, 16, 314-319.	0.8	1
70	Interactions Between Sedative, Analgesic and Anaesthetic Drugs with SARS-CoV-2, ACE-2 and SARS-CoV-2- ACE-2 Complex. <i>Türk Yoğun Bakım Derneği Dergisi</i> , 2021, .	0.2	1
71	Evaluation of antineuronal antibodies and 8-OHdG in mothers of children with autism spectrum disorder: a case-control study. <i>International Journal of Psychiatry in Clinical Practice</i> , 2021, , 1-7.	2.4	1
72	Rapid and sensitive determination of carnitine profiling by tandem mass spectrometry can be a diagnostic marker of paroxysmal atrial fibrillation. <i>Journal of Clinical and Analytical Medicine</i> , 2018, 9, .	0.1	1

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73	Oxidant and antioxidant parameters in people who fast during Ramadan, and those who do not. African Health Sciences, 2019, 19, 2713-2717.	0.7	1
74	Metabolomics in Lipoid Proteinosis. Current Metabolomics and Systems Biology, 2020, 7, 32-41.	0.6	1
75	Plasma Free Amino Acid Profile in HIV-Positive Cases. Current HIV Research, 2022, 20, 228-235.	0.5	1
76	Amino acid metabolism disorders and PAH gene mutations in Southeastern Anatolia Region. Biyokimya Dergisi, 2021, 46, 387-392.	0.5	0
77	Investigating the Levels of Brain-Specific Proteins in Hydrocephalus Patients. Combinatorial Chemistry and High Throughput Screening, 2021, 24, 409-414.	1.1	0
78	Investigation the levels of endotoxin and 8-hydroxy-2'-deoxyguanosine in sera of patients with <i>Helicobacter pylori</i> -positive peptic ulcer. International Journal of Clinical Practice, 2021, 75, e14501.	1.7	0
79	Evaluation of Micro-RNA Levels, Apoptosis and Oxidative Stress Markers in Patients Receiving Chemotherapy. Combinatorial Chemistry and High Throughput Screening, 2020, 23, 17-27.	1.1	0
80	Effect of Camellia sinensis, Hypericum perforatum and Urtica dioica on kidney and liver injury induced by carbon tetrachloride in rats. Cellular and Molecular Biology, 2019, 65, 79-86.	0.9	0
81	A Predictor of Oxidative Stress in the Children with Measles: Thiol-Disulfide Homeostasi. , 2022, 57, 200-204.		0
82	Cedrus libani tar prompts reactive oxygen species toxicity and DNA damage in colon cancer cells. Molecular Biology Reports, 0, , .	2.3	0