

Nuri Gven

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

78
papers

1,972
citations

26
h-index

42
g-index

81
ext. papers

2,355
ext. citations

5.3
avg, IF

4.81
L-index

#	Paper	IF	Citations
78	Senataxin, defective in ataxia oculomotor apraxia type 2, is involved in the defense against oxidative DNA damage. <i>Journal of Cell Biology</i> , 2007 , 177, 969-79	7.3	141
77	Aprataxin, a novel protein that protects against genotoxic stress. <i>Human Molecular Genetics</i> , 2004 , 13, 1081-93	5.6	133
76	NQO1-dependent redox cycling of idebenone: effects on cellular redox potential and energy levels. <i>PLoS ONE</i> , 2011 , 6, e17963	3.7	127
75	Functional link between BLM defective in Bloom's syndrome and the ataxia-telangiectasia-mutated protein, ATM. <i>Journal of Biological Chemistry</i> , 2002 , 277, 30515-23	5.4	95
74	Idebenone protects against retinal damage and loss of vision in a mouse model of Leber's hereditary optic neuropathy. <i>PLoS ONE</i> , 2012 , 7, e45182	3.7	72
73	ATP activates ataxia-telangiectasia mutated (ATM) in vitro. Importance of autophosphorylation. <i>Journal of Biological Chemistry</i> , 2003 , 278, 9309-17	5.4	68
72	Features of idebenone and related short-chain quinones that rescue ATP levels under conditions of impaired mitochondrial complex I. <i>PLoS ONE</i> , 2012 , 7, e36153	3.7	66
71	Border between natural product and drug: comparison of the related benzoquinones idebenone and coenzyme Q10. <i>Redox Biology</i> , 2015 , 4, 289-95	11.3	64
70	Dramatic extension of tumor latency and correction of neurobehavioral phenotype in Atm-mutant mice with a nitroxide antioxidant. <i>Free Radical Biology and Medicine</i> , 2006 , 41, 992-1000	7.8	63
69	ATM protein-dependent phosphorylation of Rad50 protein regulates DNA repair and cell cycle control. <i>Journal of Biological Chemistry</i> , 2011 , 286, 31542-56	5.4	56
68	Fucoidan Extracts Ameliorate Acute Colitis. <i>PLoS ONE</i> , 2015 , 10, e0128453	3.7	55
67	A novel profluorescent nitroxide as a sensitive probe for the cellular redox environment. <i>Free Radical Biology and Medicine</i> , 2010 , 49, 67-76	7.8	55
66	CK2 phosphorylation-dependent interaction between aprataxin and MDC1 in the DNA damage response. <i>Nucleic Acids Research</i> , 2010 , 38, 1489-503	20.1	47
65	Functional consequences of sequence alterations in the ATM gene. <i>DNA Repair</i> , 2004 , 3, 1197-205	4.3	47
64	Stress-based animal models of depression: Do we actually know what we are doing?. <i>Brain Research</i> , 2016 , 1652, 30-42	3.7	46
63	Epidermal growth factor sensitizes cells to ionizing radiation by down-regulating protein mutated in ataxia-telangiectasia. <i>Journal of Biological Chemistry</i> , 2001 , 276, 8884-91	5.4	45
62	Down-regulation of ATM protein sensitizes human prostate cancer cells to radiation-induced apoptosis. <i>Journal of Biological Chemistry</i> , 2005 , 280, 23262-72	5.4	44

61	ATM-dependent phosphorylation of MRE11 controls extent of resection during homology directed repair by signalling through Exonuclease 1. <i>Nucleic Acids Research</i> , 2015 , 43, 8352-67	20.1	39
60	Improved Muscle Function in Duchenne Muscular Dystrophy through L-Arginine and Metformin: An Investigator-Initiated, Open-Label, Single-Center, Proof-Of-Concept-Study. <i>PLoS ONE</i> , 2016 , 11, e0147634	3.7	38
59	A novel role for hSMG-1 in stress granule formation. <i>Molecular and Cellular Biology</i> , 2011 , 31, 4417-29	4.8	34
58	Nucleolar localization of aprataxin is dependent on interaction with nucleolin and on active ribosomal DNA transcription. <i>Human Molecular Genetics</i> , 2006 , 15, 2239-49	5.6	33
57	In-vitro suppression of IL-6 and IL-8 release from human pulmonary epithelial cells by non-anticoagulant fraction of enoxaparin. <i>PLoS ONE</i> , 2015 , 10, e0126763	3.7	29
56	Pilosulins: a review of the structure and mode of action of venom peptides from an Australian ant <i>Myrmecia pilosula</i> . <i>Toxicon</i> , 2015 , 98, 54-61	2.8	27
55	Targeting mitochondrial function to treat optic neuropathy. <i>Mitochondrion</i> , 2017 , 36, 7-14	4.9	27
54	Site-directed mutagenesis of the ATM promoter: consequences for response to proliferation and ionizing radiation. <i>Genes Chromosomes and Cancer</i> , 2003 , 38, 157-67	5	27
53	Transcriptional downregulation of ATM by EGF is defective in ataxia-telangiectasia cells expressing mutant protein. <i>Oncogene</i> , 2001 , 20, 4281-90	9.2	26
52	Treatment with L-citrulline and metformin in Duchenne muscular dystrophy: study protocol for a single-centre, randomised, placebo-controlled trial. <i>Trials</i> , 2016 , 17, 389	2.8	24
51	Alzheimer's Disease and NQO1: Is there a Link?. <i>Current Alzheimer Research</i> , 2018 , 15, 56-66	3	22
50	On-line sequential injection-capillary electrophoresis for near-real-time monitoring of extracellular lactate in cell culture flasks. <i>Journal of Chromatography A</i> , 2014 , 1323, 157-62	4.5	21
49	Dimethyl Fumarate and Its Esters: A Drug with Broad Clinical Utility?. <i>Pharmaceuticals</i> , 2020 , 13,	5.2	21
48	Opposing effects of low molecular weight heparins on the release of inflammatory cytokines from peripheral blood mononuclear cells of asthmatics. <i>PLoS ONE</i> , 2015 , 10, e0118798	3.7	17
47	Non-Anticoagulant Fractions of Enoxaparin Suppress Inflammatory Cytokine Release from Peripheral Blood Mononuclear Cells of Allergic Asthmatic Individuals. <i>PLoS ONE</i> , 2015 , 10, e0128803	3.7	16
46	The radioprotective potential of the Bowman-Birk protease inhibitor is independent of its secondary structure. <i>Cancer Letters</i> , 1998 , 125, 77-82	9.9	15
45	Defective responses to DNA single- and double-strand breaks in spinocerebellar ataxia. <i>DNA Repair</i> , 2008 , 7, 1061-76	4.3	15
44	Idebenone Protects against Acute Murine Colitis via Antioxidant and Anti-Inflammatory Mechanisms. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	15

43	Targeting Nrf2 for the treatment of Duchenne Muscular Dystrophy. <i>Redox Biology</i> , 2021 , 38, 101803	11.3	15
42	Regulation of the Atm promoter in vivo. <i>Genes Chromosomes and Cancer</i> , 2006 , 45, 61-71	5	14
41	Capillary electrophoresis for automated on-line monitoring of suspension cultures: Correlating cell density, nutrients and metabolites in near real-time. <i>Analytica Chimica Acta</i> , 2016 , 920, 94-101	6.6	14
40	Bitter melon protects against ER stress in LS174T colonic epithelial cells. <i>BMC Complementary and Alternative Medicine</i> , 2017 , 17, 2	4.7	13
39	Morphine dosing strategy plays a key role in the generation and duration of the produced antinociceptive tolerance. <i>Neuropharmacology</i> , 2017 , 121, 158-166	5.5	13
38	Copper transporter 1 in human colorectal cancer cell lines: Effects of endogenous and modified expression on oxaliplatin cytotoxicity. <i>Journal of Inorganic Biochemistry</i> , 2017 , 177, 249-258	4.2	13
37	Effect of Combination l-Citrulline and Metformin Treatment on Motor Function in Patients With Duchenne Muscular Dystrophy: A Randomized Clinical Trial. <i>JAMA Network Open</i> , 2019 , 2, e1914171	10.4	13
36	Idebenone: When an antioxidant is not an antioxidant. <i>Redox Biology</i> , 2021 , 38, 101812	11.3	13
35	Orally Administered Enoxaparin Ameliorates Acute Colitis by Reducing Macrophage-Associated Inflammatory Responses. <i>PLoS ONE</i> , 2015 , 10, e0134259	3.7	12
34	Amide linked redox-active naphthoquinones for the treatment of mitochondrial dysfunction. <i>MedChemComm</i> , 2019 , 10, 399-412	5	11
33	Defective p53 response and apoptosis associated with an ataxia-telangiectasia-like phenotype. <i>Cancer Research</i> , 2006 , 66, 2907-12	10.1	11
32	Pressurized Hot Water Extraction as a Viable Bioprospecting Tool: Isolation of Coumarin Natural Products from Previously Unexamined Correa (Rutaceae) Species. <i>ChemistrySelect</i> , 2017 , 2, 2439-2443	1.8	10
31	Heparins in ulcerative colitis: proposed mechanisms of action and potential reasons for inconsistent clinical outcomes. <i>Expert Review of Clinical Pharmacology</i> , 2015 , 8, 795-811	3.8	10
30	Adenylosuccinic acid therapy ameliorates murine Duchenne Muscular Dystrophy. <i>Scientific Reports</i> , 2020 , 10, 1125	4.9	9
29	Targeting mitochondrial function to protect against vision loss. <i>Expert Opinion on Therapeutic Targets</i> , 2016 , 20, 721-36	6.4	9
28	Therapeutic strategies for Leber's hereditary optic neuropathy: A current update. <i>Intractable and Rare Diseases Research</i> , 2013 , 2, 130-5	1.4	9
27	Micro RNA Expression after Ingestion of Fucoidan; A Clinical Study. <i>Marine Drugs</i> , 2020 , 18,	6	8
26	Towards complete identification of allergens in Jack Jumper (<i>Myrmecia pilosula</i>) ant venom and their clinical relevance: An immunoproteomic approach. <i>Clinical and Experimental Allergy</i> , 2018 , 48, 1222-1234	4.1	8

25	Standard of care versus new-wave corticosteroids in the treatment of Duchenne muscular dystrophy: Can we do better?. <i>Orphanet Journal of Rare Diseases</i> , 2021 , 16, 117	4.2	8
24	Pathway Analysis of Fucoïdan Activity Using a Yeast Gene Deletion Library Screen. <i>Marine Drugs</i> , 2019 , 17,	6	8
23	Mixed alkoxy/hydroxy 1,8-naphthalimides: expanded fluorescence colour palette and in vitro bioactivity. <i>Chemical Communications</i> , 2020 , 56, 6866-6869	5.8	7
22	Anti-Inflammatory Activity of Fucoïdan Extracts In Vitro.. <i>Marine Drugs</i> , 2021 , 19,	6	7
21	Characterisation of colonic dysplasia-like epithelial atypia in murine colitis. <i>World Journal of Gastroenterology</i> , 2016 , 22, 8334-8348	5.6	6
20	Age-dependent antinociception and behavioral inhibition by morphine. <i>Pharmacology Biochemistry and Behavior</i> , 2018 , 168, 8-16	3.9	5
19	Idebenone as a Novel Therapeutic Approach for Duchenne Muscular Dystrophy. <i>European Neurological Review</i> , 2015 , 10, 189	0.5	5
18	Opioid Analgesia and Opioid-Induced Adverse Effects: A Review. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	5
17	Metabolic Stability of New Mito-Protective Short-Chain Naphthoquinones. <i>Pharmaceuticals</i> , 2020 , 13,	5.2	4
16	Mitochondrial dysfunction in a novel form of autosomal recessive ataxia. <i>Mitochondrion</i> , 2013 , 13, 235-45	4.9	4
15	Idebenone Protects against Spontaneous Chronic Murine Colitis by Alleviating Endoplasmic Reticulum Stress and Inflammatory Response. <i>Biomedicines</i> , 2020 , 8,	4.8	4
14	Time-Resolved Pharmacological Studies using Automated, On-line Monitoring of Five Parallel Suspension Cultures. <i>Scientific Reports</i> , 2017 , 7, 10337	4.9	3
13	Optic Neurodegeneration: Time to Act. <i>Biology and Medicine (Aligarh)</i> , 2014 , 01,	0	3
12	Idebenone treatment in Leber's hereditary optic neuropathy: rationale and efficacy. <i>Expert Opinion on Orphan Drugs</i> , 2013 , 1, 331-339	1.1	3
11	Molecular mechanisms of intestinal inflammation leading to colorectal cancer. <i>AIMS Biophysics</i> , 2017 , 4, 152-177	0.8	3
10	Direct Amidation to Access 3-Amido-1,8-Naphthalimides Including Fluorescent Scriptaid Analogues as HDAC Inhibitors. <i>Cells</i> , 2021 , 10,	7.9	3
9	Profiling the Effects of Repetitive Morphine Administration on Motor Behavior in Rats. <i>Molecules</i> , 2021 , 26,	4.8	3
8	Identification of Key Pro-Survival Proteins in Isolated Colonic Goblet Cells of Winnie, a Murine Model of Spontaneous Colitis. <i>Inflammatory Bowel Diseases</i> , 2020 , 26, 80-92	4.5	3

7	Data on prolonged morphine-induced antinociception and behavioral inhibition in older rats. <i>Data in Brief</i> , 2018 , 19, 183-188	1.2	3
6	Development of a High-throughput Agar Colony Formation Assay to Identify Drug Candidates against Medulloblastoma. <i>Pharmaceuticals</i> , 2020 , 13,	5.2	2
5	Asperuloside Enhances Taste Perception and Prevents Weight Gain in High-Fat Fed Mice. <i>Frontiers in Endocrinology</i> , 2021 , 12, 615446	5.7	2
4	Novel Short-Chain Quinones to Treat Vision Loss in a Rat Model of Diabetic Retinopathy. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
3	Comparative In Vitro Toxicology of Novel Cytoprotective Short-Chain Naphthoquinones. <i>Pharmaceuticals</i> , 2020 , 13,	5.2	1
2	Short-Chain Naphthoquinone Protects Against Both Acute and Spontaneous Chronic Murine Colitis by Alleviating Inflammatory Responses. <i>Frontiers in Pharmacology</i> , 2021 , 12, 709973	5.6	1
1	T-Type Calcium Channel Inhibitors Induce Apoptosis in Medulloblastoma Cells Associated with Altered Metabolic Activity.. <i>Molecular Neurobiology</i> , 2022 , 1	6.2	0