

Mohammad Afzal

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1528104/publications.pdf>

Version: 2024-02-01

110
papers

2,142
citations

218677

26
h-index

289244

40
g-index

111
all docs

111
docs citations

111
times ranked

2740
citing authors

#	ARTICLE	IF	CITATIONS
1	Beta- α -thalassemia and the advent of new interventions beyond transfusion and iron chelation. <i>British Journal of Clinical Pharmacology</i> , 2022, 88, 3610-3626.	2.4	8
2	Polo-like Kinase 1 as an emerging drug target: structure, function and therapeutic implications. <i>Journal of Drug Targeting</i> , 2021, 29, 168-184.	4.4	30
3	Lead and zinc interactions – An influence of zinc over lead related toxic manifestations. <i>Journal of Trace Elements in Medicine and Biology</i> , 2021, 64, 126702.	3.0	11
4	A Novel Frameshift Mutation, Deletion of HBB:c.199_202delAAAG [Codon 66/67 (-AAAG)] in β -Thalassemia Major Patients from the Western Region of Uttar Pradesh, India. <i>The Application of Clinical Genetics</i> , 2021, Volume 14, 77-85.	3.0	4
5	Whole-Exome Sequencing Reveals a Rare Variant of OTOF Gene Causing Congenital Non-syndromic Hearing Loss Among Large Muslim Families Favoring Consanguinity. <i>Frontiers in Genetics</i> , 2021, 12, 641925.	2.3	5
6	Whole-exome sequencing reveals a novel homozygous mutation in the COQ8B gene associated with nephrotic syndrome. <i>Scientific Reports</i> , 2021, 11, 13337.	3.3	3
7	Effect of lemon grass extract against methyl methanesulfonate-induced toxicity. <i>Toxin Reviews</i> , 2019, , 1-15.	3.4	2
8	Gene and environment interplay in cognition: Evidence from twin and molecular studies, future directions and suggestions for effective candidate gene x environment (cGxE) research. <i>Multiple Sclerosis and Related Disorders</i> , 2019, 33, 121-130.	2.0	3
9	Evaluation of phyto-medicinal efficacy of thymoquinone against Arsenic induced mitochondrial dysfunction and cytotoxicity in SH-SY5Y cells. <i>Phytomedicine</i> , 2019, 54, 224-230.	5.3	19
10	Induction of apoptosis by piperine in human cervical adenocarcinoma via ROS mediated mitochondrial pathway and caspase-3 activation. <i>EXCLI Journal</i> , 2019, 18, 154-164.	0.7	34
11	Effect of Myricetin on the Loss of Dopaminergic Neurons in the Transgenic Drosophila Model of Parkinson's Disease. <i>Current Drug Therapy</i> , 2019, 14, 58-64.	0.3	12
12	Thymoquinone alleviates arsenic induced hippocampal toxicity and mitochondrial dysfunction by modulating mPTP in Wistar rats. <i>Biomedicine and Pharmacotherapy</i> , 2018, 102, 1152-1160.	5.6	23
13	Ellagic acid mitigates arsenic trioxide induced mitochondrial dysfunction and cytotoxicity in SH-SY5Y cells. <i>Journal of Biochemical and Molecular Toxicology</i> , 2018, 32, e22024.	3.0	21
14	Anxiolytic and anti-inflammatory role of thymoquinone in arsenic-induced hippocampal toxicity in Wistar rats. <i>Heliyon</i> , 2018, 4, e00650.	3.2	34
15	Ellagic acid attenuates arsenic induced neuro-inflammation and mitochondrial dysfunction associated apoptosis. <i>Toxicology Reports</i> , 2018, 5, 411-417.	3.3	73
16	Genetics of consanguinity and inbreeding in health and disease. <i>Annals of Human Biology</i> , 2017, 44, 99-107.	1.0	72
17	Effect of myricetin on the transgenic Drosophila model of Parkinson's disease. <i>Bulletin of Faculty of Pharmacy, Cairo University</i> , 2017, 55, 259-262.	0.3	7
18	Impact of consanguineous marriages and degrees of inbreeding on fertility, child mortality, secondary sex ratio, selection intensity, and genetic load: a cross-sectional study from Northern India. <i>Pediatric Research</i> , 2017, 81, 18-26.	2.3	19

#	ARTICLE	IF	CITATIONS
19	Effect of Myricetin on the Oxidative Stress Markers in the Brain of Transgenic Flies Expressing Human Alpha-Synuclein. <i>International Journal of Nutrition, Pharmacology, Neurological Diseases</i> , 2017, 7, 101.	0.5	3
20	Genetic structure of human populations based on 5 gene loci: A preliminary report from Northern India. <i>Gene Reports</i> , 2016, 4, 244-248.	0.8	1
21	Increased cardiovascular risks associated with familial inbreeding: a population-based study of adolescent cohort. <i>Annals of Epidemiology</i> , 2016, 26, 283-292.	1.9	11
22	Anticarcinogenic and antimutagenic activity of <i>Alstonia scholaris</i> on the albino mice bone marrow cells and peripheral human lymphocyte culture against methyl methane sulfonate induced genotoxicity. <i>Advanced Biomedical Research</i> , 2016, 5, 92.	0.5	2
23	Epigenetic regulation of human hedgehog interacting protein in glioma cell lines and primary tumor samples. <i>Tumor Biology</i> , 2015, 36, 2383-2391.	1.8	13
24	Prevalence and gene frequency of color vision impairments among children of six populations from North Indian region. <i>Genes and Diseases</i> , 2015, 2, 211-218.	3.4	35
25	Estimating the Inbreeding Depression on Cognitive Behavior: A Population Based Study of Child Cohort. <i>PLoS ONE</i> , 2014, 9, e109585.	2.5	44
26	Evidence of inbreeding depression on height, weight, and body mass index: A population-based child cohort study. <i>American Journal of Human Biology</i> , 2014, 26, 784-795.	1.6	35
27	Induction of Apoptosis and Antiproliferative Activity of Naringenin in Human Epidermoid Carcinoma Cell through ROS Generation and Cell Cycle Arrest. <i>PLoS ONE</i> , 2014, 9, e110003.	2.5	130
28	<i>Terminalia arjuna</i> , a herbal remedy against environmental carcinogenicity: An in vitro and in vivo study. <i>Egyptian Journal of Medical Human Genetics</i> , 2014, 15, 61-67.	1.0	21
29	<i>Andrographia paniculata</i> a Miracle Herbs for cancer treatment: In vivo and in vitro studies against Aflatoxin B1 Toxicity. <i>Egyptian Journal of Medical Human Genetics</i> , 2014, 15, 163-171.	1.0	12
30	A1A2BO and Rh gene frequencies among six populations of Jammu and Kashmir, India. <i>Transfusion and Apheresis Science</i> , 2014, 50, 247-252.	1.0	9
31	<i>Terminalia catappa</i> , an anticlastogenic agent against MMS induced genotoxicity in the human lymphocyte culture and in bone marrow cells of Albino mice. <i>Egyptian Journal of Medical Human Genetics</i> , 2014, 15, 227-233.	1.0	6
32	Prevalence and Genetic Analysis of Bitter Taste Perception for Phenylthiocarbamide (PTC) Among Some Muslim Populations of Uttar Pradesh, India. <i>Iranian Journal of Public Health</i> , 2014, 43, 441-52.	0.5	2
33	Antigenotoxic and anticlastogenic potential of <i>Agaricus bisporus</i> against MMS induced toxicity in human lymphocyte cultures and in bone marrow cells of mice. <i>Egyptian Journal of Medical Human Genetics</i> , 2013, 14, 395-402.	1.0	11
34	Does <i>Caesalpinia bonducella</i> ameliorate genotoxicity? An in vitro study in human lymphocyte culture and in vivo study in Albino mice. <i>Egyptian Journal of Medical Human Genetics</i> , 2013, 14, 247-257.	1.0	6
35	Gene frequency of sickle cell trait among Muslim populations in a Malarial belt of India, i.e., Manipur. <i>Egyptian Journal of Medical Human Genetics</i> , 2013, 14, 207-208.	1.0	0
36	Evaluation of micronucleus frequency by acridine orange fluorescent staining in buccal epithelial cells of oral submucosus fibrosis (OSMF) patients. <i>Egyptian Journal of Medical Human Genetics</i> , 2013, 14, 189-193.	1.0	13

#	ARTICLE	IF	CITATIONS
37	Single nucleotide polymorphism in genome-wide association of human population: A tool for broad spectrum service. Egyptian Journal of Medical Human Genetics, 2013, 14, 123-134.	1.0	55
38	Distribution of sensory taste thresholds for phenylthiocarbamide (PTC) taste ability in North Indian Muslim populations. Egyptian Journal of Medical Human Genetics, 2013, 14, 367-373.	1.0	2
39	Prevalence and gene frequencies of A1A2BO and Rh(D) blood group alleles among some Muslim populations of North India. Egyptian Journal of Medical Human Genetics, 2013, 14, 69-76.	1.0	8
40	Prevalence of diabetes and hypertension and association with various risk factors among different Muslim populations of Manipur, India. Journal of Diabetes and Metabolic Disorders, 2013, 12, 52.	1.9	37
41	Prevalence of Red-Green Color Vision Defects among Muslim Males and Females of Manipur, India. Iranian Journal of Public Health, 2013, 42, 16-24.	0.5	22
42	Estimation of Lipid Peroxidation Induced by Hydrogen Peroxide in Cultured Human Lymphocytes. Dose-Response, 2012, 10, dose-response.1.	1.6	120
43	Antigenotoxic effect of the <i>Plumbago zeylanica</i> extract against the genotoxic damage induced by potassium canrenoate in cultured human peripheral blood lymphocytes. Drug and Chemical Toxicology, 2012, 35, 119-126.	2.3	5
44	Validation of 1-methyl-2-phenylindole method for estimating lipid peroxidation in the third instar larvae of transgenic <i>Drosophila melanogaster</i> (hsp70-lacZ)Bg9. Pharmaceutical Methods, 2012, 3, 94-97.	0.4	7
45	Effect of the Steroid K-canrenoate on <i>hsp70</i> Expression and Tissue Damage in Transgenic <i>Drosophila melanogaster</i> (<i>hsp70-lacZ</i>)Bg9. Journal of Insect Science, 2012, 12, 1-10.	1.5	5
46	The Dietary Supplementation of Nordihydroguaiaretic Acid (NDGA) Delayed the Loss of Climbing Ability in <i>Drosophila</i> Model of Parkinson's Disease. Journal of Dietary Supplements, 2012, 9, 1-8.	2.6	26
47	Genetic study of phenylthiocarbamide (PTC) taste perception among six human populations of Jammu and Kashmir (India). Egyptian Journal of Medical Human Genetics, 2012, 13, 161-166.	1.0	14
48	Gene frequency of sickle cell trait among Muslim populations in a malarial belt of India, i.e., Manipur. Egyptian Journal of Medical Human Genetics, 2012, 13, 323-330.	1.0	5
49	Genotoxic damage in cultured human peripheral blood lymphocytes of oral contraceptive users. Egyptian Journal of Medical Human Genetics, 2012, 13, 301-305.	1.0	3
50	Effect of L-Ascorbic Acid on the Climbing Ability and Protein Levels in the Brain of <i>Drosophila</i> Model of Parkinson's Disease. International Journal of Neuroscience, 2012, 122, 704-709.	1.6	35
51	Biochemical Effects of Oral Contraceptives among Users: A Review. International Journal of Pharmacology, 2012, 8, 314-320.	0.3	2
52	Lipid Profile of Women Using Oral Contraceptive Pills. Pakistan Journal of Biological Sciences, 2012, 15, 947-950.	0.5	17
53	Protective role of <i>Plumbago zeylanica</i> extract against the toxic effects of ethinylestradiol in the third instar larvae of transgenic <i>Drosophila melanogaster</i> (hsp70-lacZ)Bg9 and cultured human peripheral blood lymphocytes. Alternative Medicine Studies, 2011, 1, 7.	0.2	4
54	Protective role of <i>Eclipta alba</i> L. extract against ethinylestradiol induced genotoxic damage in cultured human lymphocytes. Alternative Medicine Studies, 2011, 1, 4.	0.2	1

#	ARTICLE	IF	CITATIONS
55	Human hedgehog interacting protein expression and promoter methylation in medulloblastoma cell lines and primary tumor samples. <i>Journal of Neuro-Oncology</i> , 2011, 103, 287-296.	2.9	21
56	Expression and epigenetic modulation of sonic hedgehog-GLI1 pathway genes in neuroblastoma cell lines and tumors. <i>Tumor Biology</i> , 2011, 32, 113-127.	1.8	30
57	Effect of methyl methanesulfonate on hsp70 expression and tissue damage in the third instar larvae of transgenic <i>Drosophila melanogaster</i> (hsp70-lacZ) Bg9. <i>Interdisciplinary Toxicology</i> , 2011, 4, 159-65.	1.0	7
58	Analysis of genotoxic damage induced by dacarbazine: an in vitro study. <i>Toxin Reviews</i> , 2010, 29, 130-136.	3.4	4
59	Regulation of sonic hedgehog-GLI1 downstream target genes PTCH1, Cyclin D2, Plakoglobin, PAX6 and NKX2.2 and their epigenetic status in medulloblastoma and astrocytoma. <i>BMC Cancer</i> , 2010, 10, 614.	2.6	69
60	Assessment of cell viability, lipid peroxidation and quantification of DNA fragmentation after the treatment of anticancerous drug mitomycin C and curcumin in cultured human blood lymphocytes. <i>Experimental and Toxicologic Pathology</i> , 2010, 62, 503-508.	2.1	37
61	Anticlastogenic effect of apigenin in human lymphocytes treated with ethinylestradiol. <i>FÄ-toterapÄ-Äç</i> , 2010, 81, 590-594.	2.2	16
62	Antigenotoxic effect of allicin against estradiol-17 β -induced genotoxic damage in cultured mammalian cells. <i>Natural Product Research</i> , 2010, 24, 1087-1094.	1.8	8
63	Effect of <i>Centella asiatica</i> L. extract against ethinylestradiol-induced geno-toxic damage on cultured human lymphocytes. <i>Biomedical Research (Aligarh, India)</i> , 2009, 20, 166.	0.1	2
64	Protective effect of ascorbic acid against oxidative damage induced by hydrogen peroxide in cultured human peripheral blood lymphocytes. <i>Indian Journal of Clinical Biochemistry</i> , 2009, 24, 294-300.	1.9	13
65	Antigenotoxic effect of apigenin against mitomycin C induced genotoxic damage in mice bone marrow cells. <i>Food and Chemical Toxicology</i> , 2009, 47, 536-539.	3.6	36
66	Gene diversity and biochemical markers among some Muslim Populations of Uttar Pradesh. <i>Anthropologischer Anzeiger</i> , 2009, 67, 29-36.	0.4	1
67	Protective effect of apigenin against hydrogen peroxide induced genotoxic damage on cultured human peripheral blood lymphocytes. <i>Journal of Applied Biomedicine</i> , 2009, 7, 35-43.	1.7	10
68	Chromosomal aberration and micronucleus studies of two topoisomerase (II) targeting anthracyclines. <i>Journal of Environmental Biology</i> , 2009, 30, 409-12.	0.5	12
69	Antigenotoxic role of <i>Centella asiatica</i> L. extract against cyproterone acetate induced genotoxic damage in cultured human lymphocytes. <i>Toxicology in Vitro</i> , 2008, 22, 10-17.	2.4	26
70	Antigenotoxic effect of apigenin against anti-cancerous drugs. <i>Toxicology in Vitro</i> , 2008, 22, 625-631.	2.4	46
71	ABORTION INDEX AND MORTALITY OF OFFSPRING AMONG WOMEN OF DIFFERENT AGE, CASTE AND POPULATION GROUPS OF NORTH INDIAN MUSLIMS. <i>Journal of Biosocial Science</i> , 2008, 40, 431-443.	1.2	3
72	Gene Diversity among Some Muslim Populations of Western Uttar Pradesh, India. <i>Anthropologist</i> , 2008, 10, 5-9.	0.1	8

#	ARTICLE	IF	CITATIONS
73	Antigenotoxic Effect of Genistein and Gingerol on Genotoxicity Induced by Norethandrolone and Oxandrolone in Cultured Human Lymphocytes. <i>International Journal of Pharmacology</i> , 2008, 4, 177-183.	0.3	13
74	A Review on the Beneficial Effects of Tea Polyphenols on Human Health. <i>International Journal of Pharmacology</i> , 2008, 4, 314-338.	0.3	48
75	Genetics and Public Health in Post-Genomic Era. <i>Trends in Medical Research</i> , 2008, 3, 41-63.	0.2	1
76	Antioxidant Effect of ECG on Testosterone Propionate Induced Chromosome Damage. <i>International Journal of Pharmacology</i> , 2008, 4, 258-263.	0.3	2
77	Mental Retardation and Mental Health: Paradigm Shifts in Genetic, Clinical and Behavioural Research. <i>Journal of Medical Sciences (Faisalabad, Pakistan)</i> , 2008, 8, 603-640.	0.0	0
78	Anti-genotoxic effect of <i>Ocimum sanctum</i> L. extract against cyproterone acetate induced genotoxic damage in cultured mammalian cells. <i>Acta Biologica Hungarica</i> , 2007, 58, 397-409.	0.7	17
79	Ethical Concerns Related to Medical Genetics. <i>Anthropologist</i> , 2007, 9, 67-71.	0.1	0
80	Antigenotoxic effect of nordihydroguaiaretic acid against chlormadinone acetate-induced genotoxicity in mice bone-marrow cells. <i>Journal of Natural Medicines</i> , 2007, 62, 52-56.	2.3	9
81	Protective role of nordihydroguaiaretic acid (NDGA) against the genotoxic damage induced by ethynodiol diacetate in human lymphocytes in vitro. <i>Journal of Environmental Biology</i> , 2007, 28, 279-82.	0.5	5
82	Genotoxic potential of medroxyprogesterone acetate in cultured human peripheral blood lymphocytes. <i>Life Sciences</i> , 2006, 80, 212-218.	4.3	14
83	Protective effect of nordihydroguaiaretic acid (NDGA) against norgestrel induced genotoxic damage. <i>Toxicology in Vitro</i> , 2006, 20, 227-233.	2.4	20
84	Reproductive Fitness and Selection Intensity Among Muslims of North India. <i>Journal of Human Ecology: International, Interdisciplinary Journal of Man-environment Relationship</i> , 2006, 19, 107-112.	0.1	6
85	Genotoxic potential of ethinylestradiol in cultured mammalian cells. <i>Chemico-Biological Interactions</i> , 2005, 151, 133-141.	4.0	24
86	Economic burden of hepatitis C in Canada and the potential impact of prevention. <i>European Journal of Health Economics</i> , 2005, 6, 159-165.	2.8	40
87	Gene Diversity in Some Muslim Populations of North India. <i>Human Biology</i> , 2005, 77, 343-353.	0.2	13
88	Antigenotoxic effects of ascorbic acid against megestrol acetate-induced genotoxicity in mice. <i>Human and Experimental Toxicology</i> , 2005, 24, 121-127.	2.2	38
89	Genotoxic potential of cyproterone acetate: a possible role of reactive oxygen species. <i>Toxicology in Vitro</i> , 2005, 19, 63-68.	2.4	17
90	Protective role of allicin and L-ascorbic acid against the genotoxic damage induced by chlormadinone acetate in cultured human lymphocytes. <i>Indian Journal of Experimental Biology</i> , 2005, 43, 769-72.	0.0	5

#	ARTICLE	IF	CITATIONS
91	Evaluation of genotoxic potential of norethynodrel in human lymphocytes in vitro. Journal of Environmental Biology, 2005, 26, 387-92.	0.5	2
92	Antigenotoxic effect of allicin against methyl methanesulphonate induced genotoxic damage. Journal of Environmental Biology, 2005, 26, 547-50.	0.5	4
93	Induction of Chromosomal Aberrations and Sister Chromatid Exchanges by Cyproterone Acetate in Human Lymphocytes. International Journal of Human Genetics, 2004, 4, 187-191.	0.1	4
94	Amelioration of genotoxic damage by certain phytoproducts in human lymphocyte cultures. Chemico-Biological Interactions, 2004, 149, 107-115.	4.0	23
95	Evaluation of genotoxic potential of synthetic progestin chlormadinone acetate. Toxicology Letters, 2004, 153, 221-225.	0.8	15
96	Antigenotoxic effect of allicin against SCEs induced by methyl methanesulphonate in cultured mammalian cells. Indian Journal of Experimental Biology, 2004, 42, 437-8.	0.0	9
97	Induction of chromosomal aberrations and sister chromatid exchanges by chlormadinone acetate in human lymphocytes: a possible role of reactive oxygen species. Indian Journal of Experimental Biology, 2004, 42, 1078-83.	0.0	7
98	Additive Action of Vitamins C and E against Hydrocortisone-Induced Genotoxicity in Human Lymphocyte Chromosomes. International Journal for Vitamin and Nutrition Research, 2002, 72, 204-209.	1.5	12
99	Evaluation of genotoxic potential of synthetic progestins-norethindrone and norgestrel in human lymphocytes in vitro. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2001, 494, 13-20.	1.7	20
100	Genotoxic effects of estradiol-17 β on human lymphocyte chromosomes. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2000, 466, 109-115.	1.7	25
101	Age-specific differences in blood pressure among inbred and non-inbred north Indian children. Journal of Biosciences, 1999, 24, 177-184.	1.1	12
102	Effects of Inbreeding on Mortality: A North Indian Study. Journal of Human Ecology: International, Interdisciplinary Journal of Man-environment Relationship, 1998, 9, 463-466.	0.1	0
103	Steroid Hormones and Sister Chromatid Exchanges in the Human Lymphocyte Chromosomes.. Cytologia, 1996, 61, 53-56.	0.6	1
104	Oxidation of retinyl acetate and analogues by nitric oxide and nitrogen dioxide. Bioorganic and Medicinal Chemistry Letters, 1996, 6, 2329-2332.	2.2	8
105	Management of psoriasis with Aloe vera extract in a hydrophilic cream: a placebo-controlled, double-blind study. Tropical Medicine and International Health, 1996, 1, 505-509.	2.3	175
106	Effects of inbreeding on marriage payment in North India. Journal of Biosocial Science, 1995, 27, 333-337.	1.2	7
107	Inbreeding and congenital heart diseases in a North Indian population. Clinical Genetics, 1994, 45, 288-291.	2.0	48
108	Inbreeding depression and intelligence quotient among north Indian children. Behavior Genetics, 1993, 23, 343-347.	2.1	15

#	ARTICLE	IF	CITATIONS
109	Impact of Vitamin B12 against Pesticide Induced Mitoinhibition and Clastogeny.. Cytologia, 1992, 57, 353-358.	0.6	2
110	Consequences of consanguinity on cognitive behavior. Behavior Genetics, 1988, 18, 583-594.	2.1	28