

Zuhier A Awan

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

2,800
citations

186265

28
h-index

182427

51
g-index

79
all docs

79
docs citations

79
times ranked

3998
citing authors

#	ARTICLE	IF	CITATIONS
1	Identifying significant genes and functionally enriched pathways in familial hypercholesterolemia using integrated gene co-expression network analysis. Saudi Journal of Biological Sciences, 2022, 29, 3287-3299.	3.8	4
2	Association between serum uric acid with diabetes and other biochemical markers. Journal of Family Medicine and Primary Care, 2022, 11, 1401.	0.9	6
3	Molecular profiling of melanocortin 4 receptor variants and agouti-related peptide interactions in morbid obese phenotype: a novel paradigm from molecular docking and dynamics simulations. Biologia (Poland), 2022, 77, 1481.	1.5	2
4	Identification of Novel and Known LDLR Variants Triggering Severe Familial Hypercholesterolemia in Saudi Families. Current Vascular Pharmacology, 2022, 20, 361-369.	1.7	1
5	Associations between body mass index, body composition and bone density in young adults: Findings from Saudi cohort. Journal of Radiation Research and Applied Sciences, 2022, 15, 268-274.	1.2	1
6	Identification and functional characterization of 2 Rare LDLR stop gain variants (p.C231* and p.R744*) in Saudi familial hypercholesterolemia patients. Panminerva Medica, 2022, , .	0.8	3
7	Effect of Altitude on Hemoglobin and Red Blood Cell Indices in Adults in Different Regions of Saudi Arabia. International Journal of General Medicine, 2022, Volume 15, 3559-3565.	1.8	4
8	Optimized 2-methoxyestradiol invasomes fortified with apamin: a promising approach for suppression of A549 lung cancer cells. Drug Delivery, 2022, 29, 1536-1548.	5.7	8
9	Isolated Neutropenia/Benign Ethnic Neutropenia: A Common Clinical and Laboratory Finding in Southern and Western Saudi Arabia. International Journal of General Medicine, 2021, Volume 14, 451-457.	1.8	3
10	Repurposing of Some Natural Product Isolates as SARS-COV-2 Main Protease Inhibitors via In Vitro Cell Free and Cell-Based Antiviral Assessments and Molecular Modeling Approaches. Pharmaceuticals, 2021, 14, 213.	3.8	45
11	Familial Hypercholesterolemia in the Arabian Gulf Region: Clinical results of the Gulf FH Registry. PLoS ONE, 2021, 16, e0251560.	2.5	17
12	Project-Based Learning Strategy for Teaching Molecular Biology: A Study of Studentsâ€™ Perceptions. Education in Medicine Journal, 2021, 13, 43-53.	0.4	2
13	Development of Polymer and Surfactant Based Naringenin Nanosuspension for Improvement of Stability, Antioxidant, and Antitumour Activity. Journal of Chemistry, 2020, 2020, 1-10.	1.9	7
14	<p>Optimized Nanostructured Lipid Carriers Integrated into In Situ Nasal Gel for Enhancing Brain Delivery of Flibanserin</p>. International Journal of Nanomedicine, 2020, Volume 15, 5253-5264.	6.7	28
15	Improvement initiative in LDL-C management in Saudi Arabia: A call to action. IJC Heart and Vasculature, 2020, 31, 100667.	1.1	7
16	<p>The Prevalence of Isolated Neutropenia at High Altitude in Southern Saudi Arabia: Does Altitude Affect Leucocyte Count?</p>. International Journal of General Medicine, 2020, Volume 13, 1373-1379.	1.8	8
17	Piceatannol-Loaded Emulsomes Exhibit Enhanced Cytostatic and Apoptotic Activities in Colon Cancer Cells. Antioxidants, 2020, 9, 419.	5.1	38
18	Molecular insights into the coding region mutations of low-density lipoprotein receptor adaptor protein 1 (LDLRAP1) linked to familial hypercholesterolemia. Journal of Gene Medicine, 2020, 22, e3176.	2.8	12

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19	Spectral signal processing approaches for selective quantification of the recently FDA approved brand-new combination of Vaborbactam and Meropenem; for conformity assessment of bulk and batch release. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 230, 118066.	3.9	1
20	Improved Analgesic and Anti-Inflammatory Effect of Diclofenac Sodium by Topical Nanoemulgel: Formulation Developmentâ€™<i>In Vitro</i>and<i>In Vivo</i>Studies. <i>Journal of Chemistry</i> , 2020, 2020, 1-10.	1.9	26
21	Prevalence of Helicobacter pylori Infection and Diagnostic Methods in the Middle East and North Africa Region. <i>Medicina (Lithuania)</i> , 2020, 56, 169.	2.0	13
22	Levels of soluble cell adhesion molecules in type 2 diabetes mellitus patients with macrovascular complications. <i>Journal of International Medical Research</i> , 2020, 48, 030006051989385.	1.0	13
23	Assessment of medical internâ€™s knowledge, awareness and practice of familial hypercholesterolemia at academic institutes in Jeddah, Saudi Arabia. <i>Lipids in Health and Disease</i> , 2020, 19, 101.	3.0	4
24	Molecular design, synthesis and biological characterization of novel Resveratrol derivative as potential anticancer agent targeting NF-Î®B. <i>Journal of Applied Biomedicine</i> , 2020, 18, 8-17.	1.7	3
25	The genetic association study of TP53 polymorphisms in Saudi obese patients. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 1338-1343.	3.8	7
26	PCSK9 and inflammation: a review of experimental and clinical evidence. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2019, 5, 237-245.	3.0	104
27	Large-Scale Production of Bioactive Terrein by <i>Aspergillus terreus</i> Strain S020 Isolated from the Saudi Coast of the Red Sea. <i>Biomolecules</i> , 2019, 9, 480.	4.0	21
28	Identification of key regulatory genes connected to NF-Î®B family of proteins in visceral adipose tissues using gene expression and weighted protein interaction network. <i>PLoS ONE</i> , 2019, 14, e0214337.	2.5	23
29	Recently reported familial hypercholesterolemia-related mutations from cases in the Middle East and North Africa region. <i>Current Opinion in Lipidology</i> , 2019, 30, 88-93.	2.7	4
30	The Gulf Familial Hypercholesterolemia Registry (Gulf FH): Design, Rationale and Preliminary Results. <i>Current Vascular Pharmacology</i> , 2019, 18, 57-64.	1.7	23
31	Integrating an interprofessional education initiative: Evidence from King Abdulaziz University. <i>Medical Teacher</i> , 2018, 40, S15-S21.	1.8	3
32	Posttranslational modification of proprotein convertase subtilisin/kexin type 9 is differentially regulated in response to distinct cardiometabolic treatments as revealed by targeted proteomics. <i>Journal of Clinical Lipidology</i> , 2018, 12, 1027-1038.	1.5	10
33	In Silico Approach to Investigate the Structural and Functional Attributes of Familial Hypercholesterolemia Variants Reported in the Saudi Population. <i>Journal of Computational Biology</i> , 2018, 25, 170-181.	1.6	4
34	Simplified Canadian Definition for Familial Hypercholesterolemia. <i>Canadian Journal of Cardiology</i> , 2018, 34, 1210-1214.	1.7	62
35	Protein phenotype diagnosis of autosomal dominant calmodulin mutations causing irregular heart rhythms. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 8233-8248.	2.6	14
36	Assisting the integration of social media in problem-based learning sessions in the Faculty of Medicine at King Abdulaziz University. <i>Medical Teacher</i> , 2018, 40, S37-S42.	1.8	11

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37	Estrogen-associated severe hypertriglyceridemia with pancreatitis. <i>Journal of Clinical Lipidology</i> , 2017, 11, 297-300.	1.5	21
38	Aortic Calcification Progression in Heterozygote Familial Hypercholesterolemia. <i>Canadian Journal of Cardiology</i> , 2017, 33, 658-665.	1.7	15
39	Thrombin activation of protein C requires prior processing by a liver proprotein convertase. <i>Journal of Biological Chemistry</i> , 2017, 292, 10564-10573.	3.4	10
40	The Proprotein Convertase Subtilisin/Kexin Type 9-resistant R410S Low Density Lipoprotein Receptor Mutation. <i>Journal of Biological Chemistry</i> , 2017, 292, 1573-1590.	3.4	30
41	Perinatal ciclosporin A exposure elicits sex-related cardiac dysfunction and inflammation in the rat progeny. <i>Toxicology Letters</i> , 2017, 281, 35-43.	0.8	10
42	The Spectrum of Familial Hypercholesterolemia (FH) in Saudi Arabia: Prime Time for Patient FH Registry. <i>Open Cardiovascular Medicine Journal</i> , 2017, 11, 66-75.	0.3	15
43	Interpreting the Mechanism of APOE (p.Leu167del) Mutation in the Incidence of Familial Hypercholesterolemia; An In-silico Approach. <i>Open Cardiovascular Medicine Journal</i> , 2017, 11, 84-93.	0.3	11
44	Dyslipidaemia in the Middle East: Current status and a call for action. <i>Atherosclerosis</i> , 2016, 252, 182-187.	0.8	37
45	Consensus clinical recommendations for the management of plasma lipid disorders in the Middle East. <i>International Journal of Cardiology</i> , 2016, 225, 268-283.	1.7	17
46	Reducing Vascular Calcification by Anti-IL-1 β Monoclonal Antibody in a Mouse Model of Familial Hypercholesterolemia. <i>Angiology</i> , 2016, 67, 157-167.	1.8	44
47	Decreased PCSK9 expression in human hepatocellular carcinoma. <i>BMC Gastroenterology</i> , 2015, 15, 176.	2.0	46
48	Exome Sequencing in Suspected Monogenic Dyslipidemias. <i>Circulation: Cardiovascular Genetics</i> , 2015, 8, 343-350.	5.1	45
49	Familial hypercholesterolemia mutations in the Middle Eastern and North African region: A need for a national registry. <i>Journal of Clinical Lipidology</i> , 2015, 9, 187-194.	1.5	44
50	A semi-automated mass spectrometric immunoassay coupled to selected reaction monitoring (MSIA-SRM) reveals novel relationships between circulating PCSK9 and metabolic phenotypes in patient cohorts. <i>Methods</i> , 2015, 81, 66-73.	3.8	23
51	Inflammation modulation and cardiovascular disease prevention. <i>European Journal of Preventive Cardiology</i> , 2015, 22, 719-733.	1.8	47
52	Severe hyperhomocysteinemia due to cystathionine β -synthase deficiency, and Factor V Leiden mutation in a patient with recurrent venous thrombosis. <i>Thrombosis Journal</i> , 2014, 12, 30.	2.1	4
53	The effect of insulin on circulating PCSK9 in postmenopausal obese women. <i>Clinical Biochemistry</i> , 2014, 47, 1033-1039.	1.9	47
54	Proprotein Convertase Subtilisin/Kexin Type 9 (PCSK9): Lessons Learned from Patients with Hypercholesterolemia. <i>Clinical Chemistry</i> , 2014, 60, 1380-1389.	3.2	32

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55	The <i>WVVOX</i> Gene Modulates High-Density Lipoprotein and Lipid Metabolism. <i>Circulation: Cardiovascular Genetics</i> , 2014, 7, 491-504.	5.1	49
56	PCSK9. <i>Circulation Research</i> , 2014, 114, 1022-1036.	4.5	495
57	Aortic calcification: Novel insights from familial hypercholesterolemia and potential role for the low-density lipoprotein receptor. <i>Atherosclerosis</i> , 2013, 226, 9-15.	0.8	130
58	APOE p.Leu167del mutation in familial hypercholesterolemia. <i>Atherosclerosis</i> , 2013, 231, 218-222.	0.8	84
59	Regional Distribution and Metabolic Effect of PCSK9 insLEU and R46L Gene Mutations and apoE Genotype. <i>Canadian Journal of Cardiology</i> , 2013, 29, 927-933.	1.7	32
60	Rosuvastatin, Proprotein Convertase Subtilisin/Kexin Type 9 Concentrations, and LDL Cholesterol Response: the JUPITER Trial. <i>Clinical Chemistry</i> , 2012, 58, 183-189.	3.2	133
61	The HDL proteome in acute coronary syndromes shifts to an inflammatory profile. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2012, 1821, 405-415.	2.4	165
62	The LDLR deficient mouse as a model for aortic calcification and quantification by micro-computed tomography. <i>Atherosclerosis</i> , 2011, 219, 455-462.	0.8	54
63	Circulating Proprotein Convertase Subtilisin/Kexin 9 (PCSK9) Regulates VLDLR Protein and Triglyceride Accumulation in Visceral Adipose Tissue. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 785-791.	2.4	220
64	High-density lipoproteins and cardiovascular disease: 2010 update. <i>Expert Review of Cardiovascular Therapy</i> , 2010, 8, 413-423.	1.5	31
65	Calcium Homeostasis and Skeletal Integrity in Individuals with Familial Hypercholesterolemia and Aortic Calcification. <i>Clinical Chemistry</i> , 2010, 56, 1599-1607.	3.2	17
66	Genetic Lipoprotein Disorders and Cardiovascular Disease. , 2010, , 203-221.		0
67	Aortic calcifications in familial hypercholesterolemia: Potential role of the low-density lipoprotein receptor gene. <i>American Heart Journal</i> , 2009, 157, 170-176.	2.7	30
68	Acquired severe hypercholesterolemia and hypoalphalipoproteinemia. <i>Journal of Clinical Lipidology</i> , 2009, 3, 393-397.	1.5	3
69	Approach to the diagnosis and management of lipoprotein disorders. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2009, 16, 132-140.	2.3	19
70	Comparison of Treatment of Severe High-Density Lipoprotein Cholesterol Deficiency in Men With Daily Atorvastatin (20 mg) Versus Fenofibrate (200 mg) Versus Extended-Release Niacin (2 g). <i>American Journal of Cardiology</i> , 2008, 102, 1341-1347.	1.6	21
71	Treatment of low high-density lipoprotein cholesterol. <i>Canadian Journal of Cardiology</i> , 2008, 24, 27C-31C.	1.7	7
72	Vascular Calcifications in Homozygote Familial Hypercholesterolemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 777-785.	2.4	85

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73	Acute monoarticular arthritis caused by Maltese cross-like crystals. Cmaj, 2005, 172, 741-742.	2.0	11