

Hussein K Al-Hakeim

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

1,013
citations

623699

14
h-index

642715

23
g-index

129
all docs

129
docs citations

129
times ranked

811
citing authors

#	ARTICLE	IF	CITATIONS
1	A Causal-Pathway Phenotype of Chronic Fatigue Syndrome due to Hemodialysis in Patients with End-Stage Renal Disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2023, 22, 191-206.	1.4	9
2	In Transfusion-Dependent Thalassemia Children, Increased Iron Overload is Associated with Lower Serum Alpha-Klotho, Which is Strongly Associated with Lower Total and Ionized Calcium Concentrations. <i>Current Molecular Medicine</i> , 2023, 23, 442-452.	1.3	1
3	Intersections between pneumonia, lowered oxygen saturation percentage and immune activation mediate depression, anxiety, and chronic fatigue syndrome-like symptoms due to COVID-19: A nomothetic network approach. <i>Journal of Affective Disorders</i> , 2022, 297, 233-245.	4.1	44
4	Intersections between Copper, β -Arrestin-1, Calcium, FBXW7, CD17, Insulin Resistance and Atherogenicity Mediate Depression and Anxiety Due to Type 2 Diabetes Mellitus: A Nomothetic Network Approach. <i>Journal of Personalized Medicine</i> , 2022, 12, 23.	2.5	14
5	Sex hormones and age are the most effectors on the serum visfatin and resistin levels in patients with poly cystic ovary syndrome. <i>AIP Conference Proceedings</i> , 2022, , .	0.4	0
6	Increased ACE2, sRAGE, and Immune Activation, but Lowered Calcium and Magnesium in COVID-19. <i>Recent Advances in Inflammation & Allergy Drug Discovery</i> , 2022, 16, 32-43.	0.8	10
7	Pathway Phenotypes Underpinning Depression, Anxiety, and Chronic Fatigue Symptoms Due to Acute Rheumatoid Arthritis: A Precision Nomothetic Psychiatry Analysis. <i>Journal of Personalized Medicine</i> , 2022, 12, 476.	2.5	10
8	The tryptophan catabolite or kynurenine pathway in schizophrenia: meta-analysis reveals dissociations between central, serum, and plasma compartments. <i>Molecular Psychiatry</i> , 2022, 27, 3679-3691.	7.9	39
9	Inflammatory and bone biomarkers/composites as a predictive tool for clinical characteristics of rheumatoid arthritis patients. <i>Acta Biologica Szegediensis</i> , 2022, 2, 271-283.	0.3	1
10	The Tryptophan Catabolite or Kynurenine Pathway in Alzheimer's Disease: A Systematic Review and Meta-Analysis. <i>Journal of Alzheimer's Disease</i> , 2022, 88, 1325-1339.	2.6	13
11	The tryptophan catabolite or kynurenine pathway in COVID-19 and critical COVID-19: a systematic review and meta-analysis. <i>BMC Infectious Diseases</i> , 2022, 22, .	2.9	44
12	Schizophrenia phenomenology revisited: positive and negative symptoms are strongly related reflective manifestations of an underlying single trait indicating overall severity of schizophrenia. <i>CNS Spectrums</i> , 2021, 26, 368-377.	1.2	27
13	Trace element, immune and opioid biomarkers of unstable angina, increased atherogenicity and insulin resistance: Results of machine learning. <i>Journal of Trace Elements in Medicine and Biology</i> , 2021, 64, 126703.	3.0	15
14	High Mobility Group Protein 1 and Dickkopf-Related Protein 1 in Schizophrenia and Treatment-Resistant Schizophrenia: Associations With Interleukin-6, Symptom Domains, and Neurocognitive Impairments. <i>Schizophrenia Bulletin</i> , 2021, 47, 530-541.	4.3	32
15	Chronic fatigue syndrome and fibromyalgia-like symptoms are an integral component of the phenome of schizophrenia: neuro-immune and opioid system correlates. <i>Metabolic Brain Disease</i> , 2021, 36, 169-183.	2.9	17
16	In schizophrenia, non-remitters and partial remitters to treatment with antipsychotics are qualitatively distinct classes with respect to neurocognitive deficits and neuro-immune biomarkers: results of soft independent modeling of class analogy. <i>Metabolic Brain Disease</i> , 2021, 36, 939-955.	2.9	7
17	Osmotic fragility in essential hypertension revisited: A correlation with Iron status and lipid profile. <i>Journal of Physics: Conference Series</i> , 2021, 1853, 012032.	0.4	0
18	Anticancer And Antiangiogenic Activities Of Alkaloids Isolated From Lantana Camara By Adsorption On The Magnetic Nanoparticles. <i>Karbala International Journal of Modern Science</i> , 2021, 7, .	1.0	0

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19	Construction of an exposure-pathway-phenotype in children with depression due to transfusion-dependent thalassemia: Results of (un)supervised machine learning.. Journal of Affective Disorders, 2021, 282, 644-655.	4.1	7
20	Subgrouping of Type 2 Diabetes Mellitus Based on Proteinuria and Diabetic Control for Treatment and Follow-Up. Egyptian Journal of Chemistry, 2021, .	0.2	0
21	Lowered serum cesium levels in schizophrenia: association with immune-inflammatory biomarkers and cognitive impairments. Revista Brasileira De Psiquiatria, 2021, 43, 131-137.	1.7	6
22	A pathway phenotype linking metabolic, immune, oxidative, and opioid pathways with comorbid depression, atherosclerosis, and unstable angina. CNS Spectrums, 2021, , 1-15.	1.2	19
23	Cytokine dependent hematopoietic cell linker (CLNK) is highly elevated in blood transfusion dependent beta-thalassemia major patients. Transfusion Clinique Et Biologique, 2021, 28, 194-198.	0.4	3
24	In schizophrenia, immune-inflammatory pathways are strongly associated with depressive and anxiety symptoms, which are part of a latent trait which comprises neurocognitive impairments and schizophrenia symptoms.. Journal of Affective Disorders, 2021, 287, 316-326.	4.1	26
25	Increased zinc and albumin but lowered copper in children with transfusion-dependent thalassemia. Journal of Trace Elements in Medicine and Biology, 2021, 65, 126713.	3.0	3
26	Wnt/ β -catenin pathway proteins in end-stage renal disease. Biomarkers in Medicine, 2021, 15, 1423-1434.	1.4	4
27	Increased Serum Thromboxane A2 and Prostacyclin but Lower Complement C3 and C4 Levels in COVID-19: Associations with Chest CT Scan Anomalies and Lowered Peripheral Oxygen Saturation. Covid, 2021, 1, 489-502.	1.5	8
28	Lowered zinc and copper levels in drug-naïve patients with major depression: Effects of antidepressants, ketoprofen and immune activation. World Journal of Biological Psychiatry, 2020, 21, 127-138.	2.6	18
29	The Neuroimmune and Neurotoxic Fingerprint of Major Neurocognitive Psychosis or Deficit Schizophrenia: a Supervised Machine Learning Study. Neurotoxicity Research, 2020, 37, 753-771.	2.7	31
30	Serum agrin and talin are increased in major depression while agrin and creatine phosphokinase are associated with chronic fatigue and fibromyalgia symptoms in depression. Metabolic Brain Disease, 2020, 35, 225-235.	2.9	4
31	In major depression, increased kappa and mu opioid receptor levels are associated with immune activation. Acta Neuropsychiatrica, 2020, 32, 99-108.	2.1	18
32	Hereditary haematologic disorders in Najaf province-Iraq. Transfusion Clinique Et Biologique, 2020, 27, 213-217.	0.4	2
33	Serum cytokine dependent hematopoietic cell linker (CLNK) as a predictor for the duration of illness in type 2 diabetes mellitus. Journal of Diabetes and Metabolic Disorders, 2020, 19, 959-966.	1.9	4
34	Evaluation of Erythroferrone, Hcpidin, and Iron Overload Status in Iraqi Transfusion-Dependent β -Thalassemia Major Patients. Hemoglobin, 2020, 44, 272-277.	0.8	6
35	The Endogenous Opioid System in Schizophrenia and Treatment Resistant Schizophrenia: Increased Plasma Endomorphin 2, and δ and μ Opioid Receptors Are Associated with Interleukin-6. Diagnostics, 2020, 10, 633.	2.6	19
36	Chronic fatigue and fibromyalgia symptoms are key components of deficit schizophrenia and are strongly associated with activated immune-inflammatory pathways. Schizophrenia Research, 2020, 222, 342-353.	2.0	15

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37	Serum apelin and galectin-3 in preeclampsia in Iraq. <i>Hypertension in Pregnancy</i> , 2020, 39, 379-386.	1.1	18
38	Serum chemerin and visfatin levels and their ratio as possible diagnostic parameters of rheumatoid arthritis. <i>Reumatologia</i> , 2020, 58, 67-75.	1.1	14
39	Major Depression in Children with Transfusion-Dependent Thalassemia Is Strongly Associated with the Combined Effects of Blood Transfusion Rate, Iron Overload, and Increased Pro-inflammatory Cytokines. <i>Neurotoxicity Research</i> , 2020, 38, 228-241.	2.7	12
40	Construction of a Neuro-Immune-Cognitive Pathway-Phenotype Underpinning the Phenome of Deficit Schizophrenia. <i>Current Topics in Medicinal Chemistry</i> , 2020, 20, 747-758.	2.1	21
41	Plasma Indoleamine-2,3-Dioxygenase (IDO) is Increased in Drug-Na ⁺ ve Major Depressed Patients and Treatment with Sertraline and Ketoprofen Normalizes IDO in Association with Pro-Inflammatory and Immune-Regulatory Cytokines. <i>CNS and Neurological Disorders - Drug Targets</i> , 2020, 19, 44-54.	1.4	19
42	Activity and stability of urease enzyme immobilized on Amberlite resin. <i>Analele UniversitÄii Ovidius Constana: Seria Chimie</i> , 2020, 31, 1-4.	0.9	1
43	Investigation of Anticancer Drug Activity 5-Fluorouracil and Some Analog Derivatives by QSAR: Theoretical Study. <i>Journal of Physics: Conference Series</i> , 2020, 1660, 012032.	0.4	0
44	Carbon Nanotubes Inhibit the Pepsin Activity at High Ionic Strength. <i>Current Enzyme Inhibition</i> , 2020, 16, 251-257.	0.4	2
45	Schizophrenia Phenomenology Revisited: Positive and Negative Symptoms Are Strongly Related Reflective Manifestations of an Underlying Single Trait Indicating Overall Severity of Schizophrenia.. <i>SSRN Electronic Journal</i> , 2019, , .	0.4	0
46	Total and ionized calcium and magnesium are significantly lowered in drug-na ⁺ ve depressed patients: effects of antidepressants and associations with immune activation. <i>Metabolic Brain Disease</i> , 2019, 34, 1493-1503.	2.9	18
47	IL-10 is associated with increased mu-opioid receptor levels in major depressive disorder. <i>European Psychiatry</i> , 2019, 57, 46-51.	0.2	32
48	Development of a Novel Neuro-immune and Opioid-Associated Fingerprint with a Cross-Validated Ability to Identify and Authenticate Unknown Patients with Major Depression: Far Beyond Differentiation, Discrimination, and Classification. <i>Molecular Neurobiology</i> , 2019, 56, 7822-7835.	4.0	11
49	Synthesis, Spectral Identification and Biological Activity of Chelate Complexes Derived from New Azo Naphthresorcenol.. <i>Journal of Physics: Conference Series</i> , 2019, 1294, 052066.	0.4	1
50	Serum Cesium, Rhenium, and Rubidium in Rheumatoid Arthritis Patients. <i>Biological Trace Element Research</i> , 2019, 189, 379-386.	3.5	11
51	Reduction in serum IL-1 β , IL-6, and IL-18 levels and Beck Depression Inventory-II score by combined sertraline and ketoprofen administration in major depressive disorder: A clinical trial. <i>Neurology Psychiatry and Brain Research</i> , 2018, 30, 148-153.	2.0	10
52	Effect of serum fibroblast growth factor receptor 2 and CAPS proteins on calcium status in β -thalassaemia major patients who are free from overt inflammation. <i>Growth Factors</i> , 2018, 36, 178-185.	1.7	8
53	Serum Interleukin Levels and Insulin Resistance in Major Depressive Disorder. <i>CNS and Neurological Disorders - Drug Targets</i> , 2018, 17, 618-625.	1.4	25
54	Stability of Anticancer Drug 5-Fluorouracil in Aqueous Solution: An Assessment of Kinetic Behavior. <i>Nano Biomedicine and Engineering</i> , 2018, 10, .	0.9	6

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55	Anticancer Drug 5-Fluorouracil in Aqueous Solution by Differential Pulse Polarography: An Assessment of Optimum Conditions. <i>Nano Biomedicine and Engineering</i> , 2018, 10, .	0.9	1
56	Immobilization of urease enzyme on nanoceria modifies secondary and tertiary protein structures. <i>Acta Chimica Slovaca</i> , 2016, 9, 44-53.	0.8	6
57	High Ionic Strength Enhances the Anti-Pepsin Activity of Titanium Dioxide Nanoparticles. <i>Nano Biomedicine and Engineering</i> , 2016, 8, .	0.9	4
58	Efficiency of Fetuin-A and Procalcitonin in the Diagnosis of Infection in Patients with Febrile Seizure. <i>Acta Facultatis Medicae Naissensis</i> , 2016, 33, 31-42.	0.4	0
59	Anti-pepsin activity of silicon dioxide nanoparticles. <i>Revista Colombiana De Quimica</i> , 2016, 45, 5.	0.4	2
60	Interaction Of Calcium Phosphate Nanoparticles With Human Chorionic Gonadotropin Modifies Secondary And Tertiary Protein Structure. <i>Nova Biotechnologica Et Chimica</i> , 2015, 14, 141-157.	0.1	1
61	Correlation Between Glycated Hemoglobin and Homa Indices in Type 2 Diabetes Mellitus: Prediction of Beta-Cell Function from Glycated Hemoglobin / Korelacija IzmeÅu Glikoliziranog Hemoglobina I Homa Indeksa U Dijabetes Melitusu Tipa 2: PredviÅanje Funkcije Beta Åtelija Na Osnovu Glikoliziranog Hemoglobina. <i>Journal of Medical Biochemistry</i> . 2015. 34. 191-199.	1.7	15
62	IL-6, IL-18, sIL-2R, and TNFÎ± proinflammatory markers in depression and schizophrenia patients who are free of overt inflammation. <i>Journal of Affective Disorders</i> , 2015, 182, 106-114.	4.1	120
63	Adsorption of LH, FSH, and TSH on Magnetic Nanoparticles. <i>Journal of Bionanoscience</i> , 2015, 9, 439-447.	0.4	2
64	Proteinuria as the Most Relevant Parameter Affecting Fetuin-A Levels in Preeclampsia. <i>Acta Facultatis Medicae Naissensis</i> , 2015, 32, 267-277.	0.4	2
65	Correlation of Heparin Level with Insulin Resistance and Endocrine Glands Function in Major Thalassemia. <i>Advances in Clinical and Experimental Medicine</i> , 2015, 24, 69-78.	1.4	8
66	Lack of correlation between non-labile iron parameters, total carbonyl and malondialdehyde in major thalassemia. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2014, 55, 203-206.	1.4	12
67	Correlation between Iron Status Parameters and Hormone Levels in Women with Polycystic Ovary Syndrome. <i>Clinical Medicine Insights Women's Health</i> , 2012, 5, CMWH.S8780.	0.6	8
68	Study of the effect of iron overload on the function of endocrine glands in male thalassemia patients. <i>Asian Journal of Transfusion Science</i> , 2011, 5, 127.	0.3	31
69	Serum Levels of Lipids, Calcium and Magnesium in Women with Hypothyroidism and Cardiovascular Diseases. <i>Journal of Laboratory Physicians</i> , 2009, 1, 049-052.	1.1	14
70	Serum cortisol, immunoglobulins and some complements among depressed patients. <i>Indian Journal of Clinical Biochemistry</i> , 2008, 23, 76-80.	1.9	9
71	Cytokine Dependent Hematopoietic Cell Linker (CLNK) Is Highly Elevated in Blood Transfusion Dependent Beta-Thalassemia Major Patients. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
72	Depression, Anxiety, and Chronic Fatigue Symptoms in Acute Rheumatoid Arthritis Are Associated With Immune-Inflammatory, Autoimmune, Endogenous Opioid System and Lactosylceramide Signaling Pathways: A Nomothetic Network Approach. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0