

# Abdullah F Alasmari

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1230135/publications.pdf>

Version: 2024-02-01

56  
papers

970  
citations

567144

15  
h-index

501076

28  
g-index

56  
all docs

56  
docs citations

56  
times ranked

1161  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Neuroinflammatory Cytokines Induce Amyloid Beta Neurotoxicity through Modulating Amyloid Precursor Protein Levels/Metabolism. <i>BioMed Research International</i> , 2018, 2018, 1-8.   | 0.9 | 78        |
| 2  | Targeting hub genes and pathways of innate immune response in COVID-19: A network biology perspective. <i>International Journal of Biological Macromolecules</i> , 2020, 163, 1-8.  | 3.6 | 72        |
| 3  | Short chain fatty acid, acetate ameliorates sepsis-induced acute kidney injury by inhibition of NADPH oxidase signaling in T cells. <i>International Immunopharmacology</i> , 2018, 58, 24-31.  | 1.7 | 65        |
| 4  | Design, synthesis, docking, ADMET studies, and anticancer evaluation of new 3-methylquinoxaline derivatives as VEGFR-2 inhibitors and apoptosis inducers. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021, 36, 1760-1782.  | 2.5 | 63        |
| 5  | Resveratrol attenuates pro-inflammatory cytokines and activation of JAK1-STAT3 in BTBR T + Itpr3 <sup>tf</sup> // autistic mice. <i>European Journal of Pharmacology</i> , 2018, 829, 70-78.  | 1.7 | 52        |
| 6  | Apremilast prevent doxorubicin-induced apoptosis and inflammation in heart through inhibition of oxidative stress mediated activation of NF- $\kappa$ B signaling pathways. <i>Pharmacological Reports</i> , 2018, 70, 993-1000.              | 1.5 | 47        |
| 7  | Bruton's tyrosine kinase inhibitor suppresses imiquimod-induced psoriasis-like inflammation in mice through regulation of IL-23/IL-17A in innate immune cells. <i>International Immunopharmacology</i> , 2020, 80, 106215.                    | 1.7 | 44        |
| 8  | Cardioprotective HIF-1 $\alpha$ -frataxin signaling against ischemia-reperfusion injury. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H867-H879.   | 1.5 | 41        |
| 9  | Protective effect of diosmin against doxorubicin-induced nephrotoxicity. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 4375-4383.   | 1.8 | 29        |
| 10 | IL-17A-induced neutrophilic airway inflammation is mediated by oxidant-antioxidant imbalance and inflammatory cytokines in mice. <i>Biomedicine and Pharmacotherapy</i> , 2018, 107, 1196-1204.   | 2.5 | 27        |
| 11 | Ubiquitous plasticizer, Di-(2-ethylhexyl) phthalate enhances existing inflammatory profile in monocytes of children with autism. <i>Toxicology</i> , 2020, 446, 152597.   | 2.0 | 25        |
| 12 | Designing of a Recombinant Multi-Epitopes Based Vaccine against <i>Enterococcus mundtii</i> Using Bioinformatics and Immunoinformatics Approaches. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3729. | 1.2 | 24        |
| 13 | Diosmin Alleviates Doxorubicin-Induced Liver Injury via Modulation of Oxidative Stress-Mediated Hepatic Inflammation and Apoptosis via Nf $\kappa$ B and MAPK Pathway: A Preclinical Study. <i>Antioxidants</i> , 2021, 10, 1998.             | 2.2 | 24        |
| 14 | Identification of new [1,2,4]triazolo[4,3-a]quinoxalines as potent VEGFR-2 tyrosine kinase inhibitors: Design, synthesis, anticancer evaluation, and in silico studies. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 46, 116384.         | 1.4 | 21        |
| 15 | Development and evaluation of physiologically based pharmacokinetic drug-disease models for predicting captopril pharmacokinetics in chronic diseases. <i>Scientific Reports</i> , 2021, 11, 8589.  | 1.6 | 20        |
| 16 | Systemic TNF- $\alpha$ blockade attenuates anxiety and depressive-like behaviors in db/db mice through downregulation of inflammatory signaling in peripheral immune cells. <i>Saudi Pharmaceutical Journal</i> , 2020, 28, 621-629.          | 1.2 | 19        |
| 17 | Non-pharmacological Interventions for Intractable Epilepsy. <i>Saudi Pharmaceutical Journal</i> , 2020, 28, 951-962.  | 1.2 | 19        |
| 18 | Liraglutide attenuates gefitinib-induced cardiotoxicity and promotes cardioprotection through the regulation of MAPK/NF- $\kappa$ B signaling pathways. <i>Saudi Pharmaceutical Journal</i> , 2020, 28, 509-518.                              | 1.2 | 17        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Cathepsin B inhibitor alleviates Th1, Th17, and Th22 transcription factor signaling dysregulation in experimental autoimmune encephalomyelitis. <i>Experimental Neurology</i> , 2022, 351, 113997.   | 2.0 | 17        |
| 20 | Activation of IGF-1/GLP-1 Signalling via 4-Hydroxyisoleucine Prevents Motor Neuron Impairments in Experimental ALS-Rats Exposed to Methylmercury-Induced Neurotoxicity. <i>Molecules</i> , 2022, 27, 3878.   | 1.7 | 17        |
| 21 | Involvement of CD45 cells in the development of autism spectrum disorder through dysregulation of granulocyte-macrophage colony-stimulating factor, key inflammatory cytokines, and transcription factors. <i>International Immunopharmacology</i> , 2020, 83, 106466.                 | 1.7 | 15        |
| 22 | Role of ITK signaling in acute kidney injury in mice: Amelioration of acute kidney injury associated clinical parameters and attenuation of inflammatory transcription factor signaling in CD4+ T cells by ITK inhibition. <i>International Immunopharmacology</i> , 2021, 99, 108028. | 1.7 | 15        |
| 23 | The potent immunomodulatory compound VGX-1027 regulates inflammatory mediators in CD4+ T cells, which are concomitant with the prevention of neuroimmune dysregulation in BTBR T+ Itpr3tf/J mice. <i>Life Sciences</i> , 2019, 237, 116930.  | 2.0 | 14        |
| 24 | Genomics-guided targeting of stress granule proteins G3BP1/2 to inhibit SARS-CoV-2 propagation. <i>International Journal of Biological Macromolecules</i> , 2021, 190, 636-648.  | 3.6 | 13        |
| 25 | Whole Proteome-Based Therapeutic Targets Annotation and Designing of Multi-Epitope-Based Vaccines against the Gram-Negative XDR- <i>Alcaligenes faecalis</i> Bacterium. <i>Vaccines</i> , 2022, 10, 462.   | 2.1 | 12        |
| 26 | Geraniol Ameliorates Doxorubicin-Mediated Kidney Injury through Alteration of Antioxidant Status, Inflammation, and Apoptosis: Potential Roles of NF- $\kappa$ B and Nrf2/Ho-1. <i>Nutrients</i> , 2022, 14, 1620.   | 1.7 | 12        |
| 27 | DAPTA, a C-C chemokine receptor 5 (CCR5) antagonist attenuates immune aberrations by downregulating Th9/Th17 immune responses in BTBR T+ Itpr3tf/J mice. <i>European Journal of Pharmacology</i> , 2019, 846, 100-108.   | 1.7 | 11        |
| 28 | The histamine-4 receptor antagonist JNJ7777120 prevents immune abnormalities by inhibiting ROR $\gamma$ t/T-bet transcription factor signaling pathways in BTBR T+ Itpr3tf/J mice exposed to gamma rays. <i>Molecular Immunology</i> , 2019, 114, 561-570.                             | 1.0 | 10        |
| 29 | Angiotensin II receptor Nephilysin inhibitor (LCZ696) compared to Valsartan attenuates Hepatotoxicity in STZ-induced hyperglycemic rats. <i>International Journal of Medical Sciences</i> , 2020, 17, 3098-3106.   | 1.1 | 10        |
| 30 | Upregulation of enzymatic antioxidants in CD4+ T cells of autistic children. <i>Biochimie</i> , 2020, 171-172, 205-212.  | 1.3 | 9         |
| 31 | Insights into the SARS-CoV-2-Mediated Alteration in the Stress Granule Protein Regulatory Networks in Humans. <i>Pathogens</i> , 2021, 10, 1459.   | 1.2 | 9         |
| 32 | Elucidation of the Molecular Mechanisms Underlying Sorafenib-Induced Hepatotoxicity. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-10.  | 1.9 | 8         |
| 33 | Design, synthesis and molecular docking of new [1,2,4] triazolo[4,3-a]quinoxaline derivatives as anticancer agents targeting VEGFR-2 kinase. <i>Molecular Diversity</i> , 2022, 26, 1915-1932.   | 2.1 | 8         |
| 34 | Emerging Role of Mitophagy in Inflammatory Diseases: Cellular and Molecular Episodes. <i>Current Pharmaceutical Design</i> , 2020, 26, 485-491.  | 0.9 | 8         |
| 35 | Investigating Chaperone like Activity of Green Silver Nanoparticles: Possible Implications in Drug Development. <i>Molecules</i> , 2022, 27, 944.  | 1.7 | 8         |
| 36 | Biochemical and Biophysical Characterisation of the Hepatitis E Virus Guanine-7-Methyltransferase. <i>Molecules</i> , 2022, 27, 1505.  | 1.7 | 8         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 37 | Time course evaluation of lacosamide alone and in polypharmacy on behavioral manifestations and oxidative stress in lithium-pilocarpine-induced model. <i>Journal of Physiology and Pharmacology</i> , 2020, 71, .   | 1.1 | 8         |
| 38 | Vitamin D2 protects acute and repeated noise stress induced behavioral, biochemical, and histopathological alterations: Possible antioxidant effect. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 601-609.  | 1.8 | 7         |
| 39 | A novel cyclic dinuclear gold( <i>scp</i> ) complex induces anticancer activity <i>via</i> an oxidative stress-mediated intrinsic apoptotic pathway in MDA-MB-231 cancer cells. <i>Dalton Transactions</i> , 2022, 51, 2760-2769.  | 1.6 | 7         |
| 40 | Hyperglycemia in Children Hospitalized with Acute Asthma. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1070, 19-25.  | 0.8 | 5         |
| 41 | Supplementation of Morin Restores the Altered Bone Histomorphometry in Hyperglycemic Rodents via Regulation of Insulin/IGF-1 Signaling. <i>Nutrients</i> , 2021, 13, 2365.   | 1.7 | 5         |
| 42 | Serum Metabolomic Analysis of Male Patients with Cannabis or Amphetamine Use Disorder. <i>Metabolites</i> , 2022, 12, 179.   | 1.3 | 5         |
| 43 | Effects of Chronic Inhalation of Electronic Cigarette Vapor Containing Nicotine on Neurobehaviors and Pre/Postsynaptic Neuron Markers. <i>Toxics</i> , 2022, 10, 338.  | 1.6 | 5         |
| 44 | Serum Proteomic Analysis of Cannabis Use Disorder in Male Patients. <i>Molecules</i> , 2021, 26, 5311.   | 1.7 | 4         |
| 45 | Role of carnitine in regulation of blood pressure (MAP/SBP) and gene expression of cardiac hypertrophy markers ( $\pm$ $\beta$ -MHC) during insulin-induced hypoglycaemia: Role of oxidative stress. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2021, 48, 478-489. | 0.9 | 4         |
| 46 | In silico investigations of heparin binding to SARS-CoV-2 variants with a focus at the RBD/ACE2 interface. <i>Process Biochemistry</i> , 2022, 115, 70-79.   | 1.8 | 4         |
| 47 | Cardioprotective and nephroprotective effects of Quercetin against different toxic agents.. <i>European Review for Medical and Pharmacological Sciences</i> , 2021, 25, 7425-7439.   | 0.5 | 4         |
| 48 | Venetoclax Induces Cardiotoxicity through Modulation of Oxidative-Stress-Mediated Cardiac Inflammation and Apoptosis via NF- $\kappa$ B and BCL-2 Pathway. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6260.  | 1.8 | 4         |
| 49 | 3-Aminobenzamide alleviates elevated DNA damage and DNA methylation in a BTBR T+Itpr3/J mouse model of autism by enhancing repair gene expression. <i>Pharmacology Biochemistry and Behavior</i> , 2020, 199, 173057.  | 1.3 | 3         |
| 50 | Exploration of potential inhibitors for autophagy-related protein 8 as antileishmanial agents. <i>Chemical Biology and Drug Design</i> , 2022, 99, 816-827.  | 1.5 | 3         |
| 51 | Butin Attenuates Arthritis in Complete Freund's Adjuvant-Treated Arthritic Rats: Possibly Mediated by Its Antioxidant and Anti-Inflammatory Actions. <i>Frontiers in Pharmacology</i> , 2022, 13, 810052.  | 1.6 | 3         |
| 52 | Therapeutic effects of thymoquinone on Alzheimer's disease through modulating amyloid beta neurotoxicity and neuro-inflammatory cytokine levels. <i>CNS and Neurological Disorders - Drug Targets</i> , 2022, 21, .  | 0.8 | 3         |
| 53 | Synthesis and Evaluation of Thiol-Conjugated Poloxamer and Its Pharmaceutical Applications. <i>Pharmaceutics</i> , 2021, 13, 693.  | 2.0 | 2         |
| 54 | Dose dependent safety implications and acute intravenous toxicity of aminocellulose-grafted-polycaprolactone coated gelatin nanoparticles in mice. <i>International Journal of Biological Macromolecules</i> , 2021, 192, 1150-1159.   | 3.6 | 2         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 55 | Serum proteomic profiling of patients with amphetamine use disorder. Drug and Alcohol Dependence, 2020, 214, 108157.                           | 1.6 | 1         |
| 56 | Memory Dysfunction Correlates with the Dysregulated Dopaminergic System in the Ventral Tegmental Area in Alzheimer's Disease. , 2019, , 85-98. |     | 0         |