

# Khuloud Bajbouj

## List of Publications by Year in descending order

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Version: 2024-02-01

67  
papers

1,541  
citations

394421

19  
h-index

315739

38  
g-index

70  
all docs

70  
docs citations

70  
times ranked

2216  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Fisetin Deters Cell Proliferation, Induces Apoptosis, Alleviates Oxidative Stress and Inflammation in Human Cancer Cells, HeLa. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1707.                      | 4.1 | 19        |
| 2  | Iron Overload Induces Oxidative Stress, Cell Cycle Arrest and Apoptosis in Chondrocytes. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 821014.   | 3.7 | 18        |
| 3  | Metformin enhances LDL-cholesterol uptake by suppressing the expression of the pro-protein convertase subtilisin/kexin type 9 (PCSK9) in liver cells. <i>Endocrine</i> , 2022, 76, 543-557.                               | 2.3 | 6         |
| 4  | The role of disrupted iron homeostasis in the development and progression of arthropathy. <i>Journal of Orthopaedic Research</i> , 2022, , .  | 2.3 | 3         |
| 5  | Synergistic Anti-Angiogenic Effect of Combined VEGFR Kinase Inhibitors, Lenvatinib, and Regorafenib: A Therapeutic Potential for Breast Cancer. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4408.      | 4.1 | 6         |
| 6  | Ethanol Extract of <i>Calotropis procera</i> Exhibits Antitumor Effects on Human Breast and Colon Cancer Cells via Cell Cycle Arrest. <i>FASEB Journal</i> , 2022, 36, .  | 0.5 | 2         |
| 7  | Differential Expression of Microglial BDNF in Response to Acute Hyperglycemia and Hypoxia. <i>FASEB Journal</i> , 2022, 36, .   | 0.5 | 0         |
| 8  | Bcl10 Regulates Lipopolysaccharide-Induced Pro-Fibrotic Signaling in Bronchial Fibroblasts from Severe Asthma Patients. <i>Biomedicines</i> , 2022, 10, 1716.   | 3.2 | 2         |
| 9  | Reduced Expression of Ch11 gene Impairs Insulin Secretion by Down-Regulating the Expression of Key Molecules of $\beta$ -cell Function. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2021, 129, 864-872. | 1.2 | 9         |
| 10 | HER2 overexpression is a putative diagnostic and prognostic biomarker for late-stage colorectal cancer in North African patients. <i>Libyan Journal of Medicine</i> , 2021, 16, 1955462.                                  | 1.6 | 5         |
| 11 | Luteolin inhibits proliferation, triggers apoptosis and modulates Akt/mTOR and MAP kinase pathways in HeLa cells. <i>Oncology Letters</i> , 2021, 21, 192.  | 1.8 | 33        |
| 12 | Role of Matrix Metalloproteinases in Angiogenesis and Its Implications in Asthma. <i>Journal of Immunology Research</i> , 2021, 2021, 1-12.   | 2.2 | 22        |
| 13 | IL-13 Augments Histone Demethylase JMJD2B/KDM4B Expression Levels, Activity, and Nuclear Translocation in Airway Fibroblasts in Asthma. <i>Journal of Immunology Research</i> , 2021, 2021, 1-10.                         | 2.2 | 6         |
| 14 | Carnosic Acid Induces Apoptosis and Inhibits Akt/mTOR Signaling in Human Gastric Cancer Cell Lines. <i>Pharmaceuticals</i> , 2021, 14, 230.   | 3.8 | 21        |
| 15 | Wnt Signaling Is Deranged in Asthmatic Bronchial Epithelium and Fibroblasts. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 641404.  | 3.7 | 14        |
| 16 | PRMT5 Selective Inhibitor Enhances Therapeutic Efficacy of Cisplatin in Lung Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6131.   | 4.1 | 16        |
| 17 | Abstract 2454: Vitamin D-mediated anti-cancer activity involves iron homeostatic balance disruption and oxidative stress induction in breast cancer. , 2021, , .  |     | 0         |
| 18 | The Coffee Diterpene, Kahweol, Ameliorates Pancreatic $\beta$ -Cell Function in Streptozotocin (STZ)-Treated Rat INS-1 Cells through NF- $\kappa$ B and p-AKT/Bcl-2 Pathways. <i>Molecules</i> , 2021, 26, 5167.          | 3.8 | 12        |

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|----|---|-----|-----------|
| 19 | Heme Oxygenase-1 (HMOX-1) and inhibitor of differentiation proteins (ID1, ID3) are key response mechanisms against iron-overload in pancreatic $\beta^2$ -cells. <i>Molecular and Cellular Endocrinology</i> , 2021, 538, 111462.   | 3.2 | 18        |
| 20 | Copine 3 is a novel regulator for insulin secretion and glucose uptake in pancreatic $\beta^2$ -cells. <i>Scientific Reports</i> , 2021, 11, 20692.   | 3.3 | 11        |
| 21 | Histone Modification in NSCLC: Molecular Mechanisms and Therapeutic Targets. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11701.  | 4.1 | 42        |
| 22 | Co-targeting BET bromodomain BRD4 and RAC1 suppresses growth, stemness and tumorigenesis by disrupting the c-MYC-G9a-FTH1 axis and downregulation of HDAC1 in molecular subtypes of breast cancer. <i>International Journal of Biological Sciences</i> , 2021, 17, 4474-4492. | 6.4 | 15        |
| 23 | Vitamin D-Mediated Anti-cancer Activity Involves Iron Homeostatic Balance Disruption and Oxidative Stress Induction in Breast Cancer. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 766978.   | 3.7 | 7         |
| 24 | Chrysin inhibits propagation of HeLa cells by attenuating cell survival and inducing apoptotic pathways. <i>European Review for Medical and Pharmacological Sciences</i> , 2021, 25, 2206-2220.   | 0.7 | 9         |
| 25 | The Case for an Estrogen-iron Axis in Health and Disease. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2020, 128, 270-277.   | 1.2 | 18        |
| 26 | Estrogen signaling differentially alters iron metabolism in monocytes in an Interleukin 6-dependent manner. <i>Immunobiology</i> , 2020, 225, 151995.   | 1.9 | 11        |
| 27 | IL-13 AUGMENTS HISTONE DEMETHYLASE JMJD2B/KDM4B EXPRESSION LEVELS, ACTIVITY AND NUCLEAR TRANSLOCATION IN AIRWAY FIBROBLASTS IN ASTHMA. <i>Chest</i> , 2020, 158, A42-A43.   | 0.8 | 0         |
| 28 | Estrogen-induced epigenetic silencing of <i>FTH1</i> and <i>TFRC</i> genes reduces liver cancer cell growth and survival. <i>Epigenetics</i> , 2020, 15, 1302-1318.   | 2.7 | 35        |
| 29 | IL-17 Induced Autophagy Regulates Mitochondrial Dysfunction and Fibrosis in Severe Asthmatic Bronchial Fibroblasts. <i>Frontiers in Immunology</i> , 2020, 11, 1002.  | 4.8 | 14        |
| 30 | Oncogenic Potential of Bisphenol A and Common Environmental Contaminants in Human Mammary Epithelial Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3735.  | 4.1 | 25        |
| 31 | <i>Micromeria fruticosa</i> Induces Cell Cycle Arrest and Apoptosis in Breast and Colorectal Cancer Cells. <i>Pharmaceuticals</i> , 2020, 13, 115.  | 3.8 | 12        |
| 32 | Estrogen Signaling Induces Mitochondrial Dysfunction-Associated Autophagy and Senescence in Breast Cancer Cells. <i>Biology</i> , 2020, 9, 68.  | 2.8 | 5         |
| 33 | Anti-tumor activity of the ethanolic extract of <i>Micromeria fruticosa</i> on human breast and colon cancer cells. <i>FASEB Journal</i> , 2020, 34, 1-1.   | 0.5 | 1         |
| 34 | Abstract 5030: Vitamin D exhibits therapeutic anti-tumor and anti-angiogenic potential by reducing VEGF levels and altering TIMP/MMP system in breast cancer. , 2020, , .   |     | 1         |
| 35 | Enhanced mitophagy in bronchial fibroblasts from severe asthmatic patients. <i>PLoS ONE</i> , 2020, 15, e0242695.   | 2.5 | 15        |
| 36 | Enhanced mitophagy in bronchial fibroblasts from severe asthmatic patients. , 2020, 15, e0242695.   |     | 0         |

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| 37 | Enhanced mitophagy in bronchial fibroblasts from severe asthmatic patients. , 2020, 15, e0242695.   |     | 0         |
| 38 | Enhanced mitophagy in bronchial fibroblasts from severe asthmatic patients. , 2020, 15, e0242695.   |     | 0         |
| 39 | Enhanced mitophagy in bronchial fibroblasts from severe asthmatic patients. , 2020, 15, e0242695.   |     | 0         |
| 40 | Enhanced mitophagy in bronchial fibroblasts from severe asthmatic patients. , 2020, 15, e0242695.   |     | 0         |
| 41 | Enhanced mitophagy in bronchial fibroblasts from severe asthmatic patients. , 2020, 15, e0242695.   |     | 0         |
| 42 | Quercetin modulates signaling pathways and induces apoptosis in cervical cancer cells. Bioscience Reports, 2019, 39, .  | 2.4 | 73        |
| 43 | &lt;p&gt;Estrogen-dependent disruption of intracellular iron metabolism augments the cytotoxic effects of doxorubicin in select breast and ovarian cancer cells&lt;/p&gt;. Cancer Management and Research, 2019, Volume 11, 4655-4668.            | 1.9 | 13        |
| 44 | 17- $\beta$ estradiol promotes autophagy and induces cellular senescence in breast cancer cells.. Journal of Clinical Oncology, 2019, 37, e12523-e12523.  | 1.6 | 0         |
| 45 | Abstract 4711: PRMT5 selective inhibitor enhances therapeutic efficacy of cisplatin in lung adenocarcinoma cells. , 2019, , .   |     | 2         |
| 46 | Abstract 4711: PRMT5 selective inhibitor enhances therapeutic efficacy of cisplatin in lung adenocarcinoma cells. , 2019, , .   |     | 0         |
| 47 | High-Dose Deferoxamine Treatment Disrupts Intracellular Iron Homeostasis, Reduces Growth, and Induces Apoptosis in Metastatic and Nonmetastatic Breast Cancer Cell Lines. Technology in Cancer Research and Treatment, 2018, 17, 153303381876447. | 1.9 | 76        |
| 48 | Elevated Levels of Estrogen Suppress Hecpidin Synthesis and Enhance Serum Iron Availability in Premenopausal Women. Experimental and Clinical Endocrinology and Diabetes, 2018, 126, 453-459.   | 1.2 | 24        |
| 49 | PO-015 Potentiating anti-neoplastic effect of cisplatin by a protein arginine methyltransferase 5 selective inhibitor in lung adenocarcinoma cells. ESMO Open, 2018, 3, A233.   | 4.5 | 0         |
| 50 | E2 to enhance the ability of doxorubicin to disturb iron homeostasis, induce cell cycle arrest and apoptosis in breast and ovarian cancer cell lines.. Journal of Clinical Oncology, 2018, 36, e24225-e24225.                                     | 1.6 | 0         |
| 51 | Estrogen-induced disruption of intracellular iron metabolism leads to oxidative stress, membrane damage, and cell cycle arrest in MCF-7 cells. Tumor Biology, 2017, 39, 101042831772618.  | 1.8 | 19        |
| 52 | Estrogen-Dependent Downregulation of Hecpidin Synthesis Induces Intracellular Iron Efflux in Cancer Cells In Vitro. Biology and Medicine (Aligarh), 2016, 08, .   | 0.3 | 3         |
| 53 | The Re-Emerging Role of Iron in Infection and Immunity. Integrative Molecular Medicine, 2016, 3, .  | 0.3 | 6         |
| 54 | Defective Autophagosome Formation in p53-Null Colorectal Cancer Reinforces Crocin-Induced Apoptosis. International Journal of Molecular Sciences, 2015, 16, 1544-1561.  | 4.1 | 66        |

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|----|--|-----|-----------|
| 55 | Carnosol Induces ROS-Mediated Beclin1-Independent Autophagy and Apoptosis in Triple Negative Breast Cancer. PLoS ONE, 2014, 9, e109630.  | 2.5 | 92        |
| 56 | ATF2 knockdown reinforces oxidative stress-induced apoptosis in TE7 cancer cells. Journal of Cellular and Molecular Medicine, 2013, 17, 976-988.                                     | 3.6 | 19        |
| 57 | Abstract A21: Autophagy: A potential target for colorectal cancer therapeutics.. , 2013, , .   |     | 0         |
| 58 | Apoptosis Signalling Activated by TNF in the Lower Gastrointestinal Tract-Review. Current Pharmaceutical Biotechnology, 2012, 13, 2248-2258.   | 1.6 | 8         |
| 59 | The anticancer effect of saffron in two p53 isogenic colorectal cancer cell lines. BMC Complementary and Alternative Medicine, 2012, 12, 69.   | 3.7 | 55        |
| 60 | Epigenetic mechanisms of plant-derived anticancer drugs. Frontiers in Bioscience - Landmark, 2012, 17, 129.  | 3.0 | 46        |
| 61 | P53-dependent antiproliferative and pro-apoptotic effects of trichostatin A (TSA) in glioblastoma cells. Journal of Neuro-Oncology, 2012, 107, 503-516.                              | 2.9 | 29        |
| 62 | Cutting edge: Chk1 directs senescence and mitotic catastrophe in recovery from G2 checkpoint arrest. Journal of Cellular and Molecular Medicine, 2011, 15, 1528-1541.                | 3.6 | 26        |
| 63 | Saffron: A potential candidate for a novel anticancer drug against hepatocellular carcinoma. Hepatology, 2011, 54, 857-867.  | 7.3 | 159       |
| 64 | Trichostatin A causes p53 to switch oxidative-damaged colorectal cancer cells from cell cycle arrest into apoptosis. Journal of Cellular and Molecular Medicine, 2008, 12, 607-621.  | 3.6 | 48        |
| 65 | Thymoquinone Triggers Inactivation of the Stress Response Pathway Sensor <i>CHEK1</i> and Contributes to Apoptosis in Colorectal Cancer Cells. Cancer Research, 2008, 68, 5609-5618. | 0.9 | 145       |
| 66 | Lack of p53 augments thymoquinone-induced apoptosis and caspase activation in human osteosarcoma cells. Cancer Biology and Therapy, 2007, 6, 160-169.                                | 3.4 | 169       |
| 67 | Vitamin D Exerts Significant Antitumor Effects by Suppressing Vasculogenic Mimicry in Breast Cancer Cells. Frontiers in Oncology, 0, 12, .   | 2.8 | 4         |