

Amin F Majdalawieh

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

2,111
citations

218592

26
h-index

233338

45
g-index

53
all docs

53
docs citations

53
times ranked

2867
citing authors

#	ARTICLE	IF	CITATIONS
1	Immunomodulatory and anti-inflammatory action of <i>Nigella sativa</i> and thymoquinone: A comprehensive review. <i>International Immunopharmacology</i> , 2015, 28, 295-304.	1.7	167
2	Recent Advances in Gold and Silver Nanoparticles: Synthesis and Applications. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 4757-4780.	0.9	155
3	<i>In Vitro</i> Investigation of the Potential Immunomodulatory and Anti-Cancer Activities of Black Pepper (<i>Piper nigrum</i>) and Cardamom (<i>Elettaria cardamomum</i>). <i>Journal of Medicinal Food</i> , 2010, 13, 371-381.	0.8	135
4	<i>Nigella sativa</i> modulates splenocyte proliferation, Th1/Th2 cytokine profile, macrophage function and NK anti-tumor activity. <i>Journal of Ethnopharmacology</i> , 2010, 131, 268-275.	2.0	133
5	Anti-cancer properties and mechanisms of action of thymoquinone, the major active ingredient of <i>Nigella sativa</i> . <i>Critical Reviews in Food Science and Nutrition</i> , 2017, 57, 3911-3928.	5.4	108
6	A comprehensive review on the anti-cancer properties and mechanisms of action of sesamin, a lignan in sesame seeds (<i>Sesamum indicum</i>). <i>European Journal of Pharmacology</i> , 2017, 815, 512-521.	1.7	104
7	Sesamol, a major lignan in sesame seeds (<i>Sesamum indicum</i>): Anti-cancer properties and mechanisms of action. <i>European Journal of Pharmacology</i> , 2019, 855, 75-89.	1.7	93
8	Recent advances on the anti-cancer properties of <i>Nigella sativa</i> , a widely used food additive. <i>Journal of Ayurveda and Integrative Medicine</i> , 2016, 7, 173-180.	0.9	80
9	Green Synthesis of Encapsulated Copper Nanoparticles Using a Hydroalcoholic Extract of <i>Moringa oleifera</i> Leaves and Assessment of Their Antioxidant and Antimicrobial Activities. <i>Molecules</i> , 2020, 25, 555.	1.7	77
10	Regulation of IB Function and NF- κ B Signaling: AEBP1 Is a Novel Proinflammatory Mediator in Macrophages. <i>Mediators of Inflammation</i> , 2010, 2010, 1-27.	1.4	76
11	PPAR α and LXR α face a new regulator of macrophage cholesterol homeostasis and inflammatory responsiveness, AEBP1. <i>Nuclear Receptor Signaling</i> , 2010, 8, nrs.08004.	1.0	70
12	Adipocyte enhancer-binding protein 1 is a potential novel atherogenic factor involved in macrophage cholesterol homeostasis and inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 2346-2351.	3.3	62
13	Laboratory challenges in the diagnosis of hepatitis E virus. <i>Journal of Medical Microbiology</i> , 2018, 67, 466-480.	0.7	60
14	Health benefits of sesamin on cardiovascular disease and its associated risk factors. <i>Saudi Pharmaceutical Journal</i> , 2020, 28, 1276-1289.	1.2	54
15	Anti-Bacterial and Anti-Fungal Activity of Xanthenes Obtained via Semi-Synthetic Modification of \pm -Mangostin from <i>Garcinia mangostana</i> . <i>Molecules</i> , 2017, 22, 275.	1.7	52
16	Adipocyte Enhancer-binding Protein-1 Promotes Macrophage Inflammatory Responsiveness by Up-Regulating NF- κ B via I κ B α Negative Regulation. <i>Molecular Biology of the Cell</i> , 2007, 18, 930-942.	0.9	48
17	Effects of sesamin on fatty acid and cholesterol metabolism, macrophage cholesterol homeostasis and serum lipid profile: A comprehensive review. <i>European Journal of Pharmacology</i> , 2020, 885, 173417.	1.7	46
18	LPS-induced suppression of macrophage cholesterol efflux is mediated by adipocyte enhancer-binding protein 1. <i>International Journal of Biochemistry and Cell Biology</i> , 2009, 41, 1518-1525.	1.2	45

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19	Stereocontrolled transformations of cyclohexadienone derivatives to access stereochemically rich and natural product-inspired architectures. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 8526-8571.	1.5	41
20	Use of A Hydroalcoholic Extract of <i>Moringa oleifera</i> Leaves for the Green Synthesis of Bismuth Nanoparticles and Evaluation of Their Anti-Microbial and Antioxidant Activities. <i>Materials</i> , 2020, 13, 876.	1.3	40
21	The Role of AEBP1 in Sex-Specific Diet-Induced Obesity. <i>Molecular Medicine</i> , 2005, 11, 39-47.	1.9	39
22	The trans-10, cis-12 isomer of conjugated linoleic acid decreases adiponectin assembly by PPAR γ -dependent and PPAR γ -independent mechanisms. <i>Journal of Lipid Research</i> , 2008, 49, 550-562.	2.0	38
23	Adipocyte Enhancer-Binding Protein 1 Modulates Adiposity and Energy Homeostasis*. <i>Obesity</i> , 2007, 15, 288-302.	1.5	36
24	Bioluminescence Imaging Applications in Cancer: A Comprehensive Review. <i>IEEE Reviews in Biomedical Engineering</i> , 2021, 14, 307-326.	13.1	32
25	AEBP1 is a Novel Oncogene: Mechanisms of Action and Signaling Pathways. <i>Journal of Oncology</i> , 2020, 2020, 1-20.	0.6	31
26	Stromal Adipocyte Enhancer-binding Protein (AEBP1) Promotes Mammary Epithelial Cell Hyperplasia via Proinflammatory and Hedgehog Signaling. <i>Journal of Biological Chemistry</i> , 2012, 287, 39171-39181.	1.6	30
27	Seroprevalence and incidence of hepatitis E virus among blood donors: A review. <i>Reviews in Medical Virology</i> , 2017, 27, e1937.	3.9	30
28	Immunomodulatory and anti-inflammatory effects of sesamin: mechanisms of action and future directions. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 5081-5112.	5.4	27
29	Adipocyte Enhancer-Binding Protein 1 (AEBP1) (a Novel Macrophage Proinflammatory Mediator) Overexpression Promotes and Ablation Attenuates Atherosclerosis in ApoE $^{-/-}$ and LDLR $^{-/-}$ Mice. <i>Molecular Medicine</i> , 2011, 17, 1056-1064.	1.9	23
30	Sesamol and sesame (<i>Sesamum indicum</i>) oil enhance macrophage cholesterol efflux via up-regulation of PPAR γ 1 and LXR α transcriptional activity in a MAPK-dependent manner. <i>European Journal of Nutrition</i> , 2015, 54, 691-700.	1.8	21
31	Preparation and characterization of gatifloxacin-loaded sodium alginate hydrogel membranes supplemented with hydroxypropyl methylcellulose and hydroxypropyl cellulose polymers for wound dressing. <i>International Journal of Pharmaceutical Investigation</i> , 2016, 6, 86.	0.2	18
32	Objectively quantified physical activity and sedentary behaviour in a young UAE population. <i>BMJ Open Sport and Exercise Medicine</i> , 2021, 7, e000957.	1.4	16
33	Stereoselective Late-Stage Transformations of Indolo[2,3- <i>a</i>]quinolizines Skeleta to Nature-Inspired Scaffolds. <i>Journal of Organic Chemistry</i> , 2021, 86, 12872-12885.	1.7	15
34	The Anti-Atherogenic Properties of Sesamin are Mediated via Improved Macrophage Cholesterol Efflux Through PPAR γ 1-LXR α and MAPK Signaling. <i>International Journal for Vitamin and Nutrition Research</i> , 2014, 84, 79-91.	0.6	15
35	Organ-specific toxicity evaluation of stearamidopropyl dimethylamine (SAPDMA) surfactant using zebrafish embryos. <i>Science of the Total Environment</i> , 2020, 741, 140450.	3.9	14
36	Stereodivergent Complexity-to-Diversity Strategy en Route to the Synthesis of Nature-Inspired Skeleta. <i>Journal of Organic Chemistry</i> , 2022, 87, 1377-1397.	1.7	12

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37	Lactation Defect with Impaired Secretory Activation in AEBP1-Null Mice. PLoS ONE, 2011, 6, e27795.	1.1	11
38	Divergent Strategy for Diastereocontrolled Synthesis of Small- and Medium-Ring Architectures. Journal of Organic Chemistry, 2020, 85, 10695-10708.	1.7	11
39	JC-10 probe as a novel method for analyzing the mitochondrial membrane potential and cell stress in whole zebrafish embryos. Toxicology Research, 2022, 11, 77-87.	0.9	11
40	AEO-7 surfactant is super toxic and induces severe cardiac, liver and locomotion damage in zebrafish embryos. Environmental Sciences Europe, 2020, 32, .	2.6	8
41	Thymoquinone, a major constituent in Nigella sativa seeds, is a potential preventative and treatment option for atherosclerosis. European Journal of Pharmacology, 2021, 909, 174420.	1.7	7
42	Sesamum indicum (sesame) enhances NK anti-cancer activity, modulates Th1/Th2 balance, and suppresses macrophage inflammatory response. Asian Pacific Journal of Tropical Biomedicine, 2020, 10, 316.	0.5	7
43	Design and synthesis of nature-inspired chromenopyrroles as potential modulators of mitochondrial metabolism. Medicinal Chemistry Research, 2021, 30, 635-646.	1.1	3
44	Pharmacognostic evaluation of Terminalia chebula standard extracts and finished products. Mediterranean Journal of Chemistry, 2019, 8, 441-452.	0.3	3
45	DNA base-calling using artificial neural networks. , 2011, , .		2
46	A Density Functional Theory Study of the Cu ⁺ O ₂ and Cu ⁺ N ₂ Adducts. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2012, 67, 118-126.	0.3	2
47	Analysis of macro and micro elemental composition of different extracts and finished products of the medicinal Herb " Terminalia bellirica. Mediterranean Journal of Chemistry, 2019, 9, 371-381.	0.3	2
48	Potential immunomodulatory role of sesamin in combating immune dysregulation associated with COVID-19. Asian Pacific Journal of Tropical Biomedicine, 2021, 11, 421.	0.5	1
49	DNA base-calling using polynomial classifiers. , 2010, , .		0
50	Evaluation of the interaction potential of synthetic ethylene glycol compounds with nuclear Factor ĩB. Mediterranean Journal of Chemistry, 2013, 2, 471-483.	0.3	0
51	Efficient and simple protocol employing borohydride systems to design a selective osthol-zirconium (OST-Zr) library from potential natural products. Mediterranean Journal of Chemistry, 2016, 5, 450-457.	0.3	0