

Amin F Majdalawieh

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

2,111
citations

218677

26
h-index

233421

45
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53
all docs

53
docs citations

53
times ranked

2867
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	10.3	27
2	Stereodivergent Complexity-to-Diversity Strategy en Route to the Synthesis of Nature-Inspired Skeleta. <i>Journal of Organic Chemistry</i> , 2022, 87, 1377-1397.	3.2	12
3	JC-10 probe as a novel method for analyzing the mitochondrial membrane potential and cell stress in whole zebrafish embryos. <i>Toxicology Research</i> , 2022, 11, 77-87.	2.1	11
4	Bioluminescence Imaging Applications in Cancer: A Comprehensive Review. <i>IEEE Reviews in Biomedical Engineering</i> , 2021, 14, 307-326.	18.0	32
5	Design and synthesis of nature-inspired chromenopyrroles as potential modulators of mitochondrial metabolism. <i>Medicinal Chemistry Research</i> , 2021, 30, 635-646.	2.4	3
6	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.	3.2	15
7	Thymoquinone, a major constituent in <i>Nigella sativa</i> seeds, is a potential preventative and treatment option for atherosclerosis. <i>European Journal of Pharmacology</i> , 2021, 909, 174420.	3.5	7
8	Objectively quantified physical activity and sedentary behaviour in a young UAE population. <i>BMJ Open Sport and Exercise Medicine</i> , 2021, 7, e000957.	2.9	16
9	Potential immunomodulatory role of sesamin in combating immune dysregulation associated with COVID-19. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2021, 11, 421.	1.2	1
10	Health benefits of sesamin on cardiovascular disease and its associated risk factors. <i>Saudi Pharmaceutical Journal</i> , 2020, 28, 1276-1289.	2.7	54
11	Stereocontrolled transformations of cyclohexadienone derivatives to access stereochemically rich and natural product-inspired architectures. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 8526-8571.	2.8	41
12	Divergent Strategy for Diastereocontrolled Synthesis of Small- and Medium-Ring Architectures. <i>Journal of Organic Chemistry</i> , 2020, 85, 10695-10708.	3.2	11
13	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.	3.5	46
14	Organ-specific toxicity evaluation of stearamidopropyl dimethylamine (SAPDMA) surfactant using zebrafish embryos. <i>Science of the Total Environment</i> , 2020, 741, 140450.	8.0	14
15	AEBP1 is a Novel Oncogene: Mechanisms of Action and Signaling Pathways. <i>Journal of Oncology</i> , 2020, 2020, 1-20.	1.3	31
16	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.	2.9	40
17	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.	3.8	77
18	AEO-7 surfactant is super toxic and induces severe cardiac, liver and locomotion damage in zebrafish embryos. <i>Environmental Sciences Europe</i> , 2020, 32, .	5.5	8

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19	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.	1.2	7
20	Sesamol, a major lignan in sesame seeds (Sesamum indicum): Anti-cancer properties and mechanisms of action. European Journal of Pharmacology, 2019, 855, 75-89.	3.5	93
21	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.	0.7	2
22	Pharmacognostic evaluation of Terminalia chebula standard extracts and finished products. Mediterranean Journal of Chemistry, 2019, 8, 441-452.	0.7	3
23	Laboratory challenges in the diagnosis of hepatitis E virus. Journal of Medical Microbiology, 2018, 67, 466-480.	1.8	60
24	Anti-cancer properties and mechanisms of action of thymoquinone, the major active ingredient of Nigella sativa. Critical Reviews in Food Science and Nutrition, 2017, 57, 3911-3928.	10.3	108
25	A comprehensive review on the anti-cancer properties and mechanisms of action of sesamin, a lignan in sesame seeds (Sesamum indicum). European Journal of Pharmacology, 2017, 815, 512-521.	3.5	104
26	Seroprevalence and incidence of hepatitis E virus among blood donors: A review. Reviews in Medical Virology, 2017, 27, e1937.	8.3	30
27	Anti-Bacterial and Anti-Fungal Activity of Xanthones Obtained via Semi-Synthetic Modification of \pm -Mangostin from Garcinia mangostana. Molecules, 2017, 22, 275.	3.8	52
28	Recent advances on the anti-cancer properties of Nigella sativa, a widely used food additive. Journal of Ayurveda and Integrative Medicine, 2016, 7, 173-180.	1.7	80
29	Preparation and characterization of gatifloxacin-loaded sodium alginate hydrogel membranes supplemented with hydroxypropyl methylcellulose and hydroxypropyl cellulose polymers for wound dressing. International Journal of Pharmaceutical Investigation, 2016, 6, 86.	0.3	18
30	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.	0.7	0
31	Immunomodulatory and anti-inflammatory action of Nigella sativa and thymoquinone: A comprehensive review. International Immunopharmacology, 2015, 28, 295-304.	3.8	167
32	Sesamol and sesame (Sesamum indicum) oil enhance macrophage cholesterol efflux via up-regulation of PPAR γ 1 and LXRL \pm transcriptional activity in a MAPK-dependent manner. European Journal of Nutrition, 2015, 54, 691-700.	3.9	21
33	Recent Advances in Gold and Silver Nanoparticles: Synthesis and Applications. Journal of Nanoscience and Nanotechnology, 2014, 14, 4757-4780.	0.9	155
34	The Anti-Atherogenic Properties of Sesamin are Mediated via Improved Macrophage Cholesterol Efflux Through PPAR γ 1-LXR \pm and MAPK Signaling. International Journal for Vitamin and Nutrition Research, 2014, 84, 79-91.	1.5	15
35	Evaluation of the interaction potential of synthetic ethylene glycol compounds with nuclear Factor κ B. Mediterranean Journal of Chemistry, 2013, 2, 471-483.	0.7	0
36	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.	0.7	2

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37	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.	3.4	30
38	DNA base-calling using artificial neural networks. , 2011, , .		2
39	Lactation Defect with Impaired Secretory Activation in AEBP1-Null Mice. <i>PLoS ONE</i> , 2011, 6, e27795.	2.5	11
40	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.	4.4	23
41	PPAR β and LXRE face a new regulator of macrophage cholesterol homeostasis and inflammatory responsiveness, AEBP1. <i>Nuclear Receptor Signaling</i> , 2010, 8, nrs.08004.	1.0	70
42	DNA base-calling using polynomial classifiers. , 2010, , .		0
43	Regulation of IB Function and NF-B Signaling: AEBP1 Is a Novel Proinflammatory Mediator in Macrophages. <i>Mediators of Inflammation</i> , 2010, 2010, 1-27.	3.0	76
44	<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.	4.1	133
45	<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.	1.5	135
46	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.	2.8	45
47	The trans-10, cis-12 isomer of conjugated linoleic acid decreases adiponectin assembly by PPAR β -dependent and PPAR β -independent mechanisms. <i>Journal of Lipid Research</i> , 2008, 49, 550-562.	4.2	38
48	Adipocyte Enhancer-binding Protein-1 Promotes Macrophage Inflammatory Responsiveness by Up-Regulating NF- κ B via I κ B β Negative Regulation. <i>Molecular Biology of the Cell</i> , 2007, 18, 930-942.	2.1	48
49	Adipocyte Enhancer-Binding Protein 1 Modulates Adiposity and Energy Homeostasis*. <i>Obesity</i> , 2007, 15, 288-302.	3.0	36
50	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.	7.1	62
51	The Role of AEBP1 in Sex-Specific Diet-Induced Obesity. <i>Molecular Medicine</i> , 2005, 11, 39-47.	4.4	39