

Maged W Helmy

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

2,241
citations

159585

30
h-index

233421

45
g-index

67
all docs

67
docs citations

67
times ranked

2302
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-assembled amphiphilic zein-lactoferrin micelles for tumor targeted co-delivery of rapamycin and wogonin to breast cancer. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 128, 156-169.	4.3	124
2	Novel ionically crosslinked casein nanoparticles for flutamide delivery: formulation, characterization, and in vivo pharmacokinetics. <i>International Journal of Nanomedicine</i> , 2013, 8, 1721.	6.7	84
3	Spray-dried casein-based micelles as a vehicle for solubilization and controlled delivery of flutamide: Formulation, characterization, and in vivo pharmacokinetics. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 84, 487-496.	4.3	79
4	Pharmacological, toxicological and neuronal localization assessment of galantamine/chitosan complex nanoparticles in rats: future potential contribution in Alzheimer's disease management. <i>Drug Delivery</i> , 2016, 23, 3111-3122.	5.7	76
5	Shell-crosslinked zein nanocapsules for oral codelivery of exemestane and resveratrol in breast cancer therapy. <i>Nanomedicine</i> , 2017, 12, 2785-2805.	3.3	75
6	Hyaluronate/lactoferrin layer-by-layer-coated lipid nanocarriers for targeted co-delivery of rapamycin and berberine to lung carcinoma. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 169, 183-194.	5.0	75
7	Dual-targeted casein micelles as green nanomedicine for synergistic phytotherapy of hepatocellular carcinoma. <i>Journal of Controlled Release</i> , 2018, 287, 78-93.	9.9	75
8	Phytosomal bilayer-enveloped casein micelles for codelivery of monascus yellow pigments and resveratrol to breast cancer. <i>Nanomedicine</i> , 2018, 13, 481-499.	3.3	66
9	Synthesis of lactoferrin mesoporous silica nanoparticles for pemetrexed/ellagic acid synergistic breast cancer therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 188, 110824.	5.0	64
10	Lactoferrin-tagged quantum dots-based theranostic nanocapsules for combined COX-2 inhibitor/herbal therapy of breast cancer. <i>Nanomedicine</i> , 2018, 13, 2637-2656.	3.3	63
11	Inhalable lactoferrin-chondroitin nanocomposites for combined delivery of doxorubicin and ellagic acid to lung carcinoma. <i>Nanomedicine</i> , 2018, 13, 2015-2035.	3.3	63
12	Multi-Reservoir Phospholipid Shell Encapsulating Protamine Nanocapsules for Co-Delivery of Letrozole and Celecoxib in Breast Cancer Therapy. <i>Pharmaceutical Research</i> , 2017, 34, 1956-1969.	3.5	60
13	Liquid crystalline assembly for potential combinatorial chemo–herbal drug delivery to lung cancer cells. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 499-517.	6.7	59
14	Ionically-crosslinked milk protein nanoparticles as flutamide carriers for effective anticancer activity in prostate cancer-bearing rats. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 85, 444-451.	4.3	55
15	Targeting sialic acid residues on lung cancer cells by inhalable boronic acid-decorated albumin nanocomposites for combined chemo/herbal therapy. <i>Journal of Controlled Release</i> , 2018, 285, 230-243.	9.9	52
16	Dual-Targeted Lactoferrin Shell-Oily Core Nanocapsules for Synergistic Targeted/Herbal Therapy of Hepatocellular Carcinoma. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 26731-26744.	8.0	49
17	Superiority of aromatase inhibitor and cyclooxygenase-2 inhibitor combined delivery: Hyaluronate-targeted versus PEGylated protamine nanocapsules for breast cancer therapy. <i>International Journal of Pharmaceutics</i> , 2017, 529, 178-192.	5.2	47
18	Micellar Delivery of Flutamide Via Milk Protein Nanovehicles Enhances its Anti-Tumor Efficacy in Androgen-Dependent Prostate Cancer Rat Model. <i>Pharmaceutical Research</i> , 2013, 30, 2654-2663.	3.5	46

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19	Lactobionic/Folate Dual-Targeted Amphiphilic Maltodextrin-Based Micelles for Targeted Codelivery of Sulfasalazine and Resveratrol to Hepatocellular Carcinoma. <i>Bioconjugate Chemistry</i> , 2018, 29, 3026-3041.	3.6	46
20	Role of Wnt4/ β -catenin, Ang II/TGF β 2, ACE2, NF- κ B, and IL-18 in attenuating renal ischemia/reperfusion-induced injury in rats treated with Vit D and pioglitazone. <i>European Journal of Pharmacology</i> , 2018, 831, 68-76.	3.5	42
21	Additive Renoprotection by Pioglitazone and Fenofibrate against Inflammatory, Oxidative and Apoptotic Manifestations of Cisplatin Nephrotoxicity: Modulation by PPARs. <i>PLoS ONE</i> , 2015, 10, e0142303.	2.5	40
22	Expanding the anticancer potential of 1,2,3-triazoles via simultaneously targeting Cyclooxygenase-2, 15-lipoxygenase and tumor-associated carbonic anhydrases. <i>European Journal of Medicinal Chemistry</i> , 2020, 200, 112439.	5.5	40
23	Inhalable multi-compartmental phospholipid enveloped lipid core nanocomposites for localized mTOR inhibitor/herbal combined therapy of lung carcinoma. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 130, 152-164.	4.3	37
24	Combining hydrophilic chemotherapy and hydrophobic phytotherapy via tumor-targeted albumin-QDs nano-hybrids: covalent coupling and phospholipid complexation approaches. <i>Journal of Nanobiotechnology</i> , 2019, 17, 7.	9.1	36
25	Synergistic antiproliferative effects of curcumin and celecoxib in hepatocellular carcinoma HepG2 cells. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2018, 391, 1399-1410.	3.0	35
26	Lactoferrin-decorated vs PEGylated zein nanospheres for combined aromatase inhibitor and herbal therapy of breast cancer. <i>Expert Opinion on Drug Delivery</i> , 2018, 15, 835-850.	5.0	35
27	Dual-targeted nano-in-nano albumin carriers enhance the efficacy of combined chemo/herbal therapy of lung cancer. <i>Nanomedicine</i> , 2018, 13, 2221-2224.	3.3	34
28	Coated nanostructured lipid carriers targeting the joints – An effective and safe approach for the oral management of rheumatoid arthritis. <i>International Journal of Pharmaceutics</i> , 2019, 567, 118447.	5.2	34
29	Folate conjugated vs PEGylated phytosomal casein nanocarriers for codelivery of fungal- and herbal-derived anticancer drugs. <i>Nanomedicine</i> , 2018, 13, 1463-1480.	3.3	33
30	Inhalable Dual-Targeted Hybrid Lipid Nanocore-Protein Shell Composites for Combined Delivery of Genistein and All-Trans Retinoic Acid to Lung Cancer Cells. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 71-87.	5.2	32
31	Endothelin A receptor/lipid peroxides/COX-2/TGF β 1 signalling underlies aggravated nephrotoxicity caused by cyclosporine plus indomethacin in rats. <i>British Journal of Pharmacology</i> , 2015, 172, 4291-4302.	5.4	30
32	Inhibition of SRC/FAK cue: A novel pathway for the synergistic effect of rosuvastatin on the anti-cancer effect of dasatinib in hepatocellular carcinoma. <i>Life Sciences</i> , 2018, 213, 248-257.	4.3	30
33	Layer-by-layer gelatin/chondroitin quantum dots-based nanotheranostics: combined rapamycin/celecoxib delivery and cancer imaging. <i>Nanomedicine</i> , 2018, 13, 1707-1730.	3.3	30
34	Celecoxib, but not indomethacin, ameliorates the hypertensive and perivascular fibrotic actions of cyclosporine in rats: Role of endothelin signaling. <i>Toxicology and Applied Pharmacology</i> , 2015, 284, 1-7.	2.8	27
35	Decorating protein nanospheres with lactoferrin enhances oral COX-2 inhibitor/herbal therapy of hepatocellular carcinoma. <i>Nanomedicine</i> , 2018, 13, 2377-2395.	3.3	27
36	Lactoferrin-dual drug nanoconjugate: Synergistic anti-tumor efficacy of docetaxel and the NF- κ B inhibitor celastrol. <i>Materials Science and Engineering C</i> , 2021, 118, 111422.	7.3	27

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37	Inhalable Lactoferrin/Chondroitin-Functionalized Monoolein Nanocomposites for Localized Lung Cancer Targeting. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 1030-1042.	5.2	26
38	Promoted Antitumor Activity of Myricetin against Lung Carcinoma Via Nanoencapsulated Phospholipid Complex in Respirable Microparticles. <i>Pharmaceutical Research</i> , 2020, 37, 82.	3.5	26
39	Celecoxib offsets the negative renal influences of cyclosporine via modulation of the TGF- β 1/IL-2/COX-2/endothelin ETB receptor cascade. <i>Toxicology and Applied Pharmacology</i> , 2014, 275, 88-95.	2.8	25
40	The synergistic anti-proliferative effect of the combination of diosmin and BEZ-235 (dactolisib) on the HCT-116 colorectal cancer cell line occurs through inhibition of the PI3K/Akt/mTOR/NF- κ B axis. <i>Molecular Biology Reports</i> , 2020, 47, 2217-2230.	2.3	25
41	Selective ETA receptor blockade protects against cisplatin-induced acute renal failure in male rats. <i>European Journal of Pharmacology</i> , 2014, 730, 133-139.	3.5	24
42	Bioassay-guided isolation of potential bioactive constituents from pomegranate agrifood by-product. <i>Food Chemistry</i> , 2020, 326, 126993.	8.2	23
43	Combination of magnetic targeting with synergistic inhibition of NF- κ B and glutathione via micellar drug nanomedicine enhances its anti-tumor efficacy. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 155, 162-176.	4.3	21
44	Boronic-targeted albumin-shell oily-core nanocapsules for synergistic aromatase inhibitor/herbal breast cancer therapy. <i>Materials Science and Engineering C</i> , 2019, 105, 110099.	7.3	20
45	Co-Administration of Tretinoin Enhances the Anti-Cancer Efficacy of Etoposide via Tumor-Targeted Green Nano-Micelles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 192, 110997.	5.0	20
46	Synergistic and receptor-mediated targeting of arthritic joints via intra-articular injectable smart hydrogels containing leflunomide-loaded lipid nanocarriers. <i>Drug Delivery and Translational Research</i> , 2021, 11, 2496-2519.	5.8	18
47	Chemopreventive and antitumor effects of benzyl isothiocyanate on HCC models: A possible role of HGF /pAkt/ STAT3 axis and VEGF. <i>Biomedicine and Pharmacotherapy</i> , 2018, 108, 65-75.	5.6	17
48	Dual Therapeutic Targeting of Lung Infection and Carcinoma Using Lactoferrin-Based Green Nanomedicine. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 5685-5699.	5.2	16
49	Chemotherapeutic potential of L-carnosine from stimuli-responsive magnetic nanoparticles against breast cancer model. <i>Nanomedicine</i> , 2020, 15, 891-911.	3.3	16
50	Enhancing the in vitro and in vivo activity of itraconazole against breast cancer using miltefosine-modified lipid nanocapsules. <i>Drug Delivery</i> , 2021, 28, 906-919.	5.7	16
51	Systemic bee venom exerts antiarthritic and anti-inflammatory properties in a rat model of arthritis. <i>Biomedical Reports</i> , 2020, 13, 20.	2.0	14
52	Combinatorial strategy of epigenetic and hormonal therapies: A novel promising approach for treating advanced prostate cancer. <i>Life Sciences</i> , 2018, 198, 71-78.	4.3	13
53	Pegylated liposomes: A novel combined passive targeting nanoplatform of L-carnosine for breast cancer. <i>International Journal of Pharmaceutics</i> , 2021, 602, 120666.	5.2	11
54	The Cardioprotective Effect of Vitamin D in Breast Cancer Patients Receiving Adjuvant Doxorubicin Based Chemotherapy. <i>Clinical Breast Cancer</i> , 2022, 22, 359-366.	2.4	11

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55	Multicompartmental lipid-protein nanohybrids for combined tretinoin/herbal lung cancer therapy. <i>Nanomedicine</i> , 2019, 14, 2461-2479.	3.3	9
56	Effect of Regorafenib on P2X7 Receptor Expression and Different Oncogenic Signaling Pathways in a Human Breast Cancer Cell Line: A Potential of New Insight of the Antitumor Effects of Regorafenib. <i>Current Issues in Molecular Biology</i> , 2021, 43, 2199-2209.	2.4	9
57	Co-targeting of endothelin-A and vitamin D receptors: a novel strategy to ameliorate cisplatin-induced nephrotoxicity. <i>Pharmacological Reports</i> , 2019, 71, 917-925.	3.3	8
58	Catalpol synergistically potentiates the anti-tumour effects of regorafenib against hepatocellular carcinoma via dual inhibition of PI3K/Akt/mTOR/NF- κ B and VEGF/VEGFR2 signaling pathways. <i>Molecular Biology Reports</i> , 2021, 48, 7233-7242.	2.3	8
59	Antitumor effects of rhamnazin sorafenib-treated human hepatocellular carcinoma cell lines via modulation of VEGF signaling and PI3K/NF- κ B p38/caspase-3 axes cross talk. <i>Life Sciences</i> , 2022, 297, 120443.	4.3	8
60	Upregulation of cystathionine- β -lyase/hydrogen sulfide pathway underlies the celecoxib counteraction of cyclosporine-induced hypertension and renal insult in rats. <i>Prostaglandins and Other Lipid Mediators</i> , 2019, 141, 1-10.	1.9	7
61	DNA fingerprinting, biological and chemical investigation of certain <i>Yucca</i> species. <i>Natural Product Research</i> , 2018, 32, 2617-2620.	1.8	6
62	Enhanced lipoxigenase/LTD4 signaling accounts for the exaggerated hypertensive and nephrotoxic effects of cyclosporine plus indomethacin in rats. <i>Biomedicine and Pharmacotherapy</i> , 2018, 102, 309-316.	5.6	5
63	Omega 3 fatty acids effect on the vascular calcification biomarkers fetuin A and osteoprotegerin in hemodialysis patients. <i>Clinical and Experimental Medicine</i> , 2022, 22, 301-310.	3.6	4
64	Combinatorial antitumor effects of amino acids and epigenetic modulations in hepatocellular carcinoma cell lines. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2021, 394, 2245-2257.	3.0	3
65	The effect of direct acting antiviral agents on vascular endothelial function in Egyptian patients with chronic hepatitis C virus infection. <i>Saudi Pharmaceutical Journal</i> , 2021, 29, 1120-1128.	2.7	3
66	Itraconazole for Topical Treatment of Skin Carcinogenesis: Efficacy Enhancement by Lipid Nanocapsule Formulations. <i>Journal of Biomedical Nanotechnology</i> , 2022, 18, 97-111.	1.1	2
67	Additive Renoprotective Effects Of Pioglitazone And Fenofibrate Against Cisplatin-Induced Renal Failure: PPARs/TNF- α Modulation. <i>FASEB Journal</i> , 2015, 29, 938.5.	0.5	0