

Khaled Greish

List of Publications by Citations

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Version: 2024-04-26

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

102
papers

6,210
citations

36
h-index

78
g-index

117
ext. papers

6,912
ext. citations

5.5
avg, IF

6.2
L-index

#	Paper	IF	Citations
102	Exploiting the enhanced permeability and retention effect for tumor targeting. <i>Drug Discovery Today</i> , 2006 , 11, 812-8	8.8	1422
101	Enhanced permeability and retention (EPR) effect for anticancer nanomedicine drug targeting. <i>Methods in Molecular Biology</i> , 2010 , 624, 25-37	1.4	533
100	Enhanced permeability and retention of macromolecular drugs in solid tumors: a royal gate for targeted anticancer nanomedicines. <i>Journal of Drug Targeting</i> , 2007 , 15, 457-64	5.4	492
99	Anticancer nanomedicine and tumor vascular permeability; Where is the missing link?. <i>Journal of Controlled Release</i> , 2012 , 164, 265-75	11.7	233
98	Macromolecular therapeutics: advantages and prospects with special emphasis on solid tumour targeting. <i>Clinical Pharmacokinetics</i> , 2003 , 42, 1089-105	6.2	227
97	PEGylated PAMAM dendrimers: Enhancing efficacy and mitigating toxicity for effective anticancer drug and gene delivery. <i>Acta Biomaterialia</i> , 2016 , 43, 14-29	10.8	226
96	Influence of geometry, porosity, and surface characteristics of silica nanoparticles on acute toxicity: their vasculature effect and tolerance threshold. <i>ACS Nano</i> , 2012 , 6, 2289-301	16.7	160
95	SMA-doxorubicin, a new polymeric micellar drug for effective targeting to solid tumours. <i>Journal of Controlled Release</i> , 2004 , 97, 219-30	11.7	155
94	In vivo antitumor activity of pegylated zinc protoporphyrin: targeted inhibition of heme oxygenase in solid tumor. <i>Cancer Research</i> , 2003 , 63, 3567-74	10.1	155
93	Elevating blood pressure as a strategy to increase tumor-targeted delivery of macromolecular drug SMANCS: cases of advanced solid tumors. <i>Japanese Journal of Clinical Oncology</i> , 2009 , 39, 756-66	2.8	143
92	Enhancement of chemotherapeutic response of tumor cells by a heme oxygenase inhibitor, pegylated zinc protoporphyrin. <i>International Journal of Cancer</i> , 2004 , 109, 1-8	7.5	142
91	Size and surface charge significantly influence the toxicity of silica and dendritic nanoparticles. <i>Nanotoxicology</i> , 2012 , 6, 713-23	5.3	122
90	Nanomedicine for drug targeting: strategies beyond the enhanced permeability and retention effect. <i>International Journal of Nanomedicine</i> , 2014 , 9, 2539-55	7.3	118
89	The EPR Effect and Polymeric Drugs: A Paradigm Shift for Cancer Chemotherapy in the 21st Century. <i>Advances in Polymer Science</i> , 2005 , 103-121	1.3	115
88	Polymeric micelles of zinc protoporphyrin for tumor targeted delivery based on EPR effect and singlet oxygen generation. <i>Journal of Drug Targeting</i> , 2007 , 15, 496-506	5.4	87
87	Copoly(styrene-maleic acid)-pirarubicin micelles: high tumor-targeting efficiency with little toxicity. <i>Bioconjugate Chemistry</i> , 2005 , 16, 230-6	6.3	85
86	High-loading nanosized micelles of copoly(styrene-maleic acid)-zinc protoporphyrin for targeted delivery of a potent heme oxygenase inhibitor. <i>Biomaterials</i> , 2007 , 28, 1871-81	15.6	79

85	Charge affects the oral toxicity of poly(amidoamine) dendrimers. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013 , 84, 330-4	5.7	78
84	Targeting of heat shock protein 32 (Hsp32)/heme oxygenase-1 (HO-1) in leukemic cells in chronic myeloid leukemia: a novel approach to overcome resistance against imatinib. <i>Blood</i> , 2008 , 111, 2200-10	2.2	78
83	Water-soluble polymer conjugates of ZnPP for photodynamic tumor therapy. <i>Bioconjugate Chemistry</i> , 2007 , 18, 494-9	6.3	67
82	Subchronic and chronic toxicity evaluation of inorganic nanoparticles for delivery applications. <i>Advanced Drug Delivery Reviews</i> , 2019 , 144, 112-132	18.5	65
81	Silk-elastinlike recombinant polymers for gene therapy of head and neck cancer: from molecular definition to controlled gene expression. <i>Journal of Controlled Release</i> , 2009 , 140, 256-61	11.7	62
80	Enhanced permeability and retention effect for selective targeting of anticancer nanomedicine: are we there yet?. <i>Drug Discovery Today: Technologies</i> , 2012 , 9, e71-e174	7.1	57
79	Gold nanorod mediated plasmonic photothermal therapy: a tool to enhance macromolecular delivery. <i>International Journal of Pharmaceutics</i> , 2011 , 415, 315-8	6.5	55
78	Comparison of active and passive targeting of docetaxel for prostate cancer therapy by HPMA copolymer-RGDfK conjugates. <i>Molecular Pharmaceutics</i> , 2011 , 8, 1090-9	5.6	48
77	Silk-elastinlike protein polymer hydrogels for localized adenoviral gene therapy of head and neck tumors. <i>Biomacromolecules</i> , 2009 , 10, 2183-8	6.9	48
76	Silk-elastinlike protein polymers improve the efficacy of adenovirus thymidine kinase enzyme prodrug therapy of head and neck tumors. <i>Journal of Gene Medicine</i> , 2010 , 12, 572-9	3.5	48
75	Novel imidazole derivatives as heme oxygenase-1 (HO-1) and heme oxygenase-2 (HO-2) inhibitors and their cytotoxic activity in human-derived cancer cell lines. <i>European Journal of Medicinal Chemistry</i> , 2015 , 96, 162-72	6.8	46
74	In vitro and in vivo evaluation of tumor targeting styrene-maleic acid copolymer-pirarubicin micelles: Survival improvement and inhibition of liver metastases. <i>Cancer Science</i> , 2010 , 101, 1866-74	6.9	44
73	Silk-elastin-like hydrogel improves the safety of adenovirus-mediated gene-directed enzyme-prodrug therapy. <i>Molecular Pharmaceutics</i> , 2010 , 7, 1050-6	5.6	42
72	Polymeric nano-micelles: versatile platform for targeted delivery in cancer. <i>Therapeutic Delivery</i> , 2014 , 5, 1101-21	3.8	41
71	Synthesis and therapeutic effect of styrene-maleic acid copolymer-conjugated pirarubicin. <i>Cancer Science</i> , 2015 , 106, 270-8	6.9	39
70	Nanomedicine: is it lost in translation?. <i>Therapeutic Delivery</i> , 2018 , 9, 269-285	3.8	38
69	Styrene maleic acid-pirarubicin disrupts tumor microcirculation and enhances the permeability of colorectal liver metastases. <i>Journal of Vascular Research</i> , 2009 , 46, 218-28	1.9	37
68	Oxystress inducing antitumor therapeutics via tumor-targeted delivery of PEG-conjugated D-amino acid oxidase. <i>International Journal of Cancer</i> , 2008 , 122, 1135-44	7.5	36

67	Identification of heat shock protein 32 (Hsp32) as a novel survival factor and therapeutic target in neoplastic mast cells. <i>Blood</i> , 2007 , 110, 661-9	2.2	36
66	Novel Structural Insight into Inhibitors of Heme Oxygenase-1 (HO-1) by New Imidazole-Based Compounds: Biochemical and In Vitro Anticancer Activity Evaluation. <i>Molecules</i> , 2018 , 23,	4.8	35
65	Anticancer and antiangiogenic activity of HPMA copolymer-aminohexylgeldanamycin-RGDfK conjugates for prostate cancer therapy. <i>Journal of Controlled Release</i> , 2011 , 151, 263-70	11.7	35
64	Comparison of silk-elastinlike protein polymer hydrogel and poloxamer in matrix-mediated gene delivery. <i>International Journal of Pharmaceutics</i> , 2012 , 427, 97-104	6.5	33
63	Synthesis and evaluation of poly(styrene-co-maleic acid) micellar nanocarriers for the delivery of tanespimycin. <i>International Journal of Pharmaceutics</i> , 2011 , 420, 111-7	6.5	33
62	HSP32 (HO-1) inhibitor, copoly(styrene-maleic acid)-zinc protoporphyrin IX, a water-soluble micelle as anticancer agent: In vitro and in vivo anticancer effect. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012 , 81, 540-7	5.7	30
61	In vivo methods of nanotoxicology. <i>Methods in Molecular Biology</i> , 2012 , 926, 235-53	1.4	30
60	Sildenafil citrate improves the delivery and anticancer activity of doxorubicin formulations in a mouse model of breast cancer. <i>Journal of Drug Targeting</i> , 2018 , 26, 610-615	5.4	29
59	Synthetic cannabinoids nano-micelles for the management of triple negative breast cancer. <i>Journal of Controlled Release</i> , 2018 , 291, 184-195	11.7	29
58	Controlled Delivery of Nitric Oxide for Cancer Therapy. <i>Pharmaceutical Nanotechnology</i> , 2019 , 7, 279-303	4	28
57	The Effect of Silver Nanoparticles on Learning, Memory and Social Interaction in BALB/C Mice. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	25
56	Nanotechnology in Insulin Delivery for Management of Diabetes. <i>Pharmaceutical Nanotechnology</i> , 2019 , 7, 113-128	4	24
55	pH-sensitive polymeric cisplatin-ion complex with styrene-maleic acid copolymer exhibits tumor-selective drug delivery and antitumor activity as a result of the enhanced permeability and retention effect. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 138, 128-37	6	24
54	Evaluation of the effect of SMA-pirarubicin micelles on colorectal cancer liver metastases and of hyperbaric oxygen in CBA mice. <i>Journal of Drug Targeting</i> , 2007 , 15, 487-95	5.4	24
53	Evidence of oral translocation of anionic G6.5 dendrimers in mice. <i>Molecular Pharmaceutics</i> , 2013 , 10, 988-98	5.6	22
52	SMA-copolymer conjugate of AHPP: a polymeric inhibitor of xanthine oxidase with potential antihypertensive effect. <i>Journal of Controlled Release</i> , 2009 , 135, 211-7	11.7	22
51	Hypoxia Responsive Drug Delivery Systems in Tumor Therapy. <i>Current Pharmaceutical Design</i> , 2016 , 22, 2808-20	3.3	20
50	Curcumin-derivative nanomicelles for the treatment of triple negative breast cancer. <i>Journal of Drug Targeting</i> , 2013 , 21, 675-83	5.4	18

49	Curcumin?Copper Complex Nanoparticles for the Management of Triple-Negative Breast Cancer. <i>Nanomaterials</i> , 2018 , 8,	5.4	18
48	Targeting of heat-shock protein 32/heme oxygenase-1 in canine mastocytoma cells is associated with reduced growth and induction of apoptosis. <i>Experimental Hematology</i> , 2008 , 36, 1461-70	3.1	17
47	A combination of tyrosine kinase inhibitors, crizotinib and dasatinib for the treatment of glioblastoma multiforme. <i>Oncotarget</i> , 2015 , 6, 37948-64	3.3	16
46	Screening and Molecular Docking of Novel Benzothiazole Derivatives as Potential Antimicrobial Agents. <i>Antibiotics</i> , 2020 , 9,	4.9	15
45	New Arylethanolimidazole Derivatives as HO-1 Inhibitors with Cytotoxicity against MCF-7 Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	14
44	Styrene maleic acid micelles as a nanocarrier system for oral anticancer drug delivery - dual uptake through enterocytes and M-cells. <i>International Journal of Nanomedicine</i> , 2015 , 10, 4653-67	7.3	14
43	Protective Effect of Extract against Dextran-Sulfate-Sodium-Induced Ulcerative Colitis in Rats. <i>Nutrients</i> , 2019 , 11,	6.7	13
42	A novel role for raloxifene nanomicelles in management of castrate resistant prostate cancer. <i>BioMed Research International</i> , 2014 , 2014, 323594	3	13
41	Nitric oxide-releasing nanoparticles improve doxorubicin anticancer activity. <i>International Journal of Nanomedicine</i> , 2018 , 13, 7771-7787	7.3	12
40	Raloxifene nanomicelles reduce the growth of castrate-resistant prostate cancer. <i>Journal of Drug Targeting</i> , 2016 , 24, 441-9	5.4	10
39	The Influence of Drug Loading on Caveolin-1 Mediated Intracellular Internalization of Doxorubicin Nanomicelles in vitro. <i>Journal of Nanomedicine & Nanotechnology</i> , 2014 , 05,	1.9	9
38	Styrene maleic acid-encapsulated paclitaxel micelles: antitumor activity and toxicity studies following oral administration in a murine orthotopic colon cancer model. <i>International Journal of Nanomedicine</i> , 2016 , 11, 3979-91	7.3	9
37	Synthesis, and studies of HO-1 inducers and lung antifibrotic agents. <i>Future Medicinal Chemistry</i> , 2019 , 11, 1523-1536	4.1	9
36	Raloxifene nano-micelles effect on triple-negative breast cancer is mediated through estrogen receptor- β and epidermal growth factor receptor. <i>Journal of Drug Targeting</i> , 2019 , 27, 903-916	5.4	9
35	Styrene maleic acid encapsulated raloxifene micelles for management of inflammatory bowel disease. <i>Clinical and Translational Medicine</i> , 2017 , 6, 28	5.7	8
34	Effect of styrene maleic acid WIN55,212-2 micelles on neuropathic pain in a rat model. <i>Journal of Drug Targeting</i> , 2015 , 23, 353-9	5.4	8
33	Micellar formulations of Crizotinib and Dasatinib in the management of glioblastoma multiforme. <i>Journal of Drug Targeting</i> , 2018 , 26, 692-708	5.4	7
32	Enhanced Permeability and Retention (EPR) Effect and Tumor-Selective Delivery of Anticancer Drugs 2006 , 37-52		7

31	Current Update on the Role of Enhanced Permeability and Retention Effect in Cancer Nanomedicine 2017 , 62-109		6
30	SMANCS dynamic therapy for various advanced solid tumors and promising clinical effects: enhanced drug delivery by hydrodynamic modulation with vascular mediators, particularly angiotensin II, during arterial infusion. <i>Drug Delivery System</i> , 2007 , 22, 510-521	0	6
29	A combination of sorafenib and nilotinib reduces the growth of castrate-resistant prostate cancer. <i>International Journal of Nanomedicine</i> , 2016 , 11, 179-200	7.3	6
28	Styrene maleic acid-encapsulated RL71 micelles suppress tumor growth in a murine xenograft model of triple negative breast cancer. <i>International Journal of Nanomedicine</i> , 2017 , 12, 7225-7237	7.3	5
27	Oral Insulin Delivery Using Poly (Styrene Co-Maleic Acid) Micelles in a Diabetic Mouse Model. <i>Pharmaceutics</i> , 2020 , 12,	6.4	5
26	The Potential Role of Sildenafil in Cancer Management through EPR Augmentation. <i>Journal of Personalized Medicine</i> , 2021 , 11,	3.6	5
25	Encapsulation of tDodSNO generates a photoactivated nitric oxide releasing nanoparticle for localized control of vasodilation and vascular hyperpermeability. <i>Free Radical Biology and Medicine</i> , 2019 , 130, 297-305	7.8	5
24	The effect of adjuvant therapy with TNF- α in animal model of triple-negative breast cancer. <i>Therapeutic Delivery</i> , 2018 , 9, 333-342	3.8	4
23	The Use of Styrene Maleic Acid Nanomicelles Encapsulating the Synthetic Cannabinoid Analog WIN55,212-2 for the Treatment of Cancer. <i>Anticancer Research</i> , 2015 , 35, 4707-12	2.3	4
22	Drug repurposing strategies and key challenges for COVID-19 management. <i>Journal of Drug Targeting</i> , 2021 , 1-17	5.4	4
21	Data characterizing the biophysical and nitric oxide release properties of the tDodSNO - Styrene maleic anhydride nanoparticle SMA-tDodSNO. <i>Data in Brief</i> , 2018 , 21, 1771-1775	1.2	3
20	Styrene maleic acid copolymer-pirarubicin induces tumor-selective oxidative stress and decreases tumor hypoxia as possible treatment of colorectal cancer liver metastases. <i>Surgery</i> , 2015 , 158, 236-47	3.6	2
19	A multivariate statistical analysis of the effects of styrene maleic acid encapsulated RL71 in a xenograft model of triple negative breast cancer. <i>Journal of Biological Methods</i> , 2019 , 6, e121	1.4	2
18	Prospects of Nanocarriers for Oral Delivery of Bioactives Using Targeting Strategies. <i>Current Pharmaceutical Biotechnology</i> , 2016 , 17, 683-99	2.6	2
17	The Cooperative Anticancer Effect of Dual Styrenemaleic Acid Nano- Miceller System against Pancreatic Cancer. <i>Journal of Nanomedicine & Nanotechnology</i> , 2014 ,	1.9	2
16	Enhanced Anticancer Activity of Nanoformulation of Dasatinib against Triple-Negative Breast Cancer. <i>Journal of Personalized Medicine</i> , 2021 , 11,	3.6	2
15	Tumor Vasculature, EPR Effect, and Anticancer Nanomedicine: Connecting the Dots 2013 , 207-239		2
14	Heme Oxygenase Modulation Drives Ferroptosis in TNBC Cells. <i>International Journal of Molecular Sciences</i> , 2022 , 23, 5709	6.3	2

13	In Vivo Evaluation of Acute and Chronic Nanotoxicity 2014 , 65-86		1
12	Enhanced Vascular Permeability in Solid Tumors: A Promise for Anticancer Nanomedicine. <i>Cancer Metastasis - Biology and Treatment</i> , 2013 , 81-118		1
11	The Heme Oxygenase-1-Targeting Compound PEG-ZnPP Inhibits Growth of Imatinib-Resistant BCR/ABL-Transformed Cells.. <i>Blood</i> , 2004 , 104, 1986-1986	2.2	1
10	Heme Oxygenase-1 (HO-1): A Novel KIT D816V-Dependent Target in Neoplastic Human Mast Cells (HMC-1).. <i>Blood</i> , 2005 , 106, 3521-3521	2.2	1
9	Heme Oxygenase-1 (HO-1)/Heat Shock Protein 32 (Hsp32) as a Novel Survival Factor and Target in AML.. <i>Blood</i> , 2006 , 108, 1901-1901	2.2	1
8	Novel Heme Oxygenase-1 (HO-1) Inducers Based on Dimethyl Fumarate Structure. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	1
7	Inhibition of aquaporins as a potential adjunct to breast cancer cryotherapy. <i>Oncology Letters</i> , 2021 , 21, 458	2.6	1
6	The Promise of Nanotechnology in Personalized Medicine. <i>Journal of Personalized Medicine</i> , 2022 , 12, 673	3.6	1
5	Potential Health Benefits of a Pomegranate Extract, Rich in Phenolic Compounds, in Intestinal Inflammation. <i>Current Nutrition and Food Science</i> , 2021 , 17, 833-843	0.7	0
4	Combination drug delivery approaches for cancer therapy 2022 , 213-237		0
3	Novel Tyrosine Kinase Inhibitors to Target Chronic Myeloid Leukemia. <i>Molecules</i> , 2022 , 27, 3220	4.8	0
2	Targeting of Heat Shock Protein 32 (Hsp32) in Neoplastic Cells by Styrene Maleic Acid Zinc Protoporphyrin (SMA-ZnPP) Is Associated with Reduced Growth and Induction of Apoptosis.. <i>Blood</i> , 2006 , 108, 4323-4323	2.2	
1	Polymeric Micelles in Management of Lung Cancer 2019 , 193-216		