

Khalid M El-Say

List of Publications by Year in descending order

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72
papers

2,072
citations

304602

22
h-index

243529

44
g-index

73
all docs

73
docs citations

73
times ranked

3462
citing authors

#	ARTICLE	IF	CITATIONS
1	Polymeric nanoparticles: Promising platform for drug delivery. International Journal of Pharmaceutics, 2017, 528, 675-691.	2.6	425
2	Stimuli-Responsive Nano-Architecture Drug-Delivery Systems to Solid Tumor Micromilieu: Past, Present, and Future Perspectives. ACS Nano, 2018, 12, 10636-10664.	7.3	320
3	Transdermal glimepiride delivery system based on optimized ethosomal nano-vesicles: Preparation, characterization, in vitro , ex vivo and clinical evaluation. International Journal of Pharmaceutics, 2016, 500, 245-254.	2.6	68
4	Development of alginate-reinforced chitosan nanoparticles utilizing W/O nanoemulsification/internal crosslinking technique for transdermal delivery of rabeprazole. Life Sciences, 2014, 110, 35-43.	2.0	66
5	Maximizing the Therapeutic Efficacy of Imatinib Mesylate“Loaded Niosomes on Human Colon Adenocarcinoma Using Box-Behnken Design. Journal of Pharmaceutical Sciences, 2017, 106, 111-122.	1.6	58
6	Optimization of carvedilol solid lipid nanoparticles: An approach to control the release and enhance the oral bioavailability on rabbits. PLoS ONE, 2018, 13, e0203405.	1.1	56
7	Pomegranate extract-loaded solid lipid nanoparticles: design, optimization, and in vitro cytotoxicity study. International Journal of Nanomedicine, 2018, Volume 13, 1313-1326.	3.3	53
8	Optimization of self-nanoemulsifying systems for the enhancement of <i>in vivo</i> hypoglycemic efficacy of glimepiride transdermal patches. Expert Opinion on Drug Delivery, 2014, 11, 1005-1013.	2.4	51
9	Inflammatory markers and control of type 2 diabetes mellitus. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2019, 13, 800-804.	1.8	50
10	Maximizing the encapsulation efficiency and the bioavailability of controlled-release cetirizine microspheres using Draper–Lin small composite design. Drug Design, Development and Therapy, 2016, 10, 825.	2.0	49
11	Design and Optimization of Self-Nanoemulsifying Delivery System to Enhance Quercetin Hepatoprotective Activity in Paracetamol-Induced Hepatotoxicity. Journal of Pharmaceutical Sciences, 2014, 103, 602-612.	1.6	46
12	Diacerein niosomal gel for topical delivery: development, <i>in vitro</i> and <i>in vivo</i> assessment. Journal of Liposome Research, 2016, 26, 57-68.	1.5	46
13	Self-Nanoemulsifying Lyophilized Tablets for Flash Oral Transmucosal Delivery of Vitamin K: Development and Clinical Evaluation. Journal of Pharmaceutical Sciences, 2017, 106, 2447-2456.	1.6	40
14	Enhanced permeation parameters of optimized nanostructured simvastatin transdermal films: <i>ex vivo</i> and <i>in vivo</i> evaluation. Pharmaceutical Development and Technology, 2015, 20, 919-926.	1.1	38
15	Optimized vinpocetine-loaded vitamin E D- α -tocopherol polyethylene glycol 1000 succinate- α lipoic acid micelles as a potential transdermal drug delivery system: <i>in vitro</i> and <i>ex vivo</i> studies. International Journal of Nanomedicine, 2019, Volume 14, 33-43.	3.3	37
16	Glycosylated Sertraline-Loaded Liposomes for Brain Targeting: QbD Study of Formulation Variabilities and Brain Transport. AAPS PharmSciTech, 2016, 17, 1404-1420.	1.5	36
17	Transdermal film-loaded finasteride microplates to enhance drug skin permeation: Two-step optimization study. European Journal of Pharmaceutical Sciences, 2016, 88, 246-256.	1.9	33
18	Utilization of nanotechnology to enhance percutaneous absorption of acyclovir in the treatment of herpes simplex viral infections. International Journal of Nanomedicine, 2015, 10, 3973.	3.3	30

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19	Complement-mediated Activation of Calcium-independent Phospholipase A ₂ ³ . <i>Journal of Biological Chemistry</i> , 2013, 288, 3871-3885.	1.6	28
20	<p>Superiority of TPGS-loaded micelles in the brain delivery of vinpocetine via administration of thermosensitive intranasal gel</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 5555-5567.	3.3	28
21	Development of Pomegranate Extract-Loaded Solid Lipid Nanoparticles: Quality by Design Approach to Screen the Variables Affecting the Quality Attributes and Characterization. <i>ACS Omega</i> , 2020, 5, 21712-21721.	1.6	25
22	Bioactive constituents from <i>Thunbergia erecta</i> as potential anticholinesterase and anti-ageing agents: Experimental and in silico studies. <i>Bioorganic Chemistry</i> , 2021, 108, 104643.	2.0	22
23	Miconazole Nitrate Oral Disintegrating Tablets: In Vivo Performance and Stability Study. <i>AAPS PharmSciTech</i> , 2012, 13, 760-771.	1.5	21
24	Statistical optimization of controlled release microspheres containing cetirizine hydrochloride as a model for water soluble drugs. <i>Pharmaceutical Development and Technology</i> , 2015, 20, 738-746.	1.1	21
25	Optimization of the Factors Affecting the Absorption of Vardenafil from Oral Disintegrating Tablets: A Clinical Pharmacokinetic Investigation. <i>Pharmaceutics</i> , 2019, 11, 11.	2.0	21
26	Genetic Ablation of Calcium-independent Phospholipase A ₂ ³ Induces Glomerular Injury in Mice. <i>Journal of Biological Chemistry</i> , 2016, 291, 14468-14482.	1.6	19
27	Optimized sildenafil citrate fast erodissolvable film: a promising formula for overcoming the barriers hindering erectile dysfunction treatment. <i>Drug Delivery</i> , 2016, 23, 355-361.	2.5	19
28	Enhancing the Therapeutic Efficacy of Tamoxifen Citrate Loaded Span-Based Nano-Vesicles on Human Breast Adenocarcinoma Cells. <i>AAPS PharmSciTech</i> , 2018, 19, 1529-1543.	1.5	19
29	Rosuvastatin lyophilized tablets loaded with flexible chitosomes for improved drug bioavailability, anti-hyperlipidemic and anti-oxidant activity. <i>International Journal of Pharmaceutics</i> , 2020, 588, 119791.	2.6	19
30	Development of optimized self-nanoemulsifying lyophilized tablets (SNELTs) to improve finasteride clinical pharmacokinetic behavior. <i>Drug Development and Industrial Pharmacy</i> , 2018, 44, 652-661.	0.9	18
31	Structure- and Ligand-Based in silico Studies towards the Repurposing of Marine Bioactive Compounds to Target SARS-CoV-2. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103092.	2.3	18
32	Development of a fluvastatin-loaded self-nanoemulsifying system to maximize therapeutic efficacy in human colorectal carcinoma cells. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 46, 7-13.	1.4	16
33	Chemometric-enhanced metabolic profiling of five <i>Pinus</i> species using HPLC-MS/MS spectrometry: Correlation to in vitro anti-aging, anti-Alzheimer and antidiabetic activities. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1177, 122759.	1.2	16
34	Development of Multi-Compartment 3D-Printed Tablets Loaded with Self-Nanoemulsified Formulations of Various Drugs: A New Strategy for Personalized Medicine. <i>Pharmaceutics</i> , 2021, 13, 1733.	2.0	15
35	Risperidone oral disintegrating mini-tablets: A robust-product for pediatrics. <i>Acta Pharmaceutica</i> , 2015, 65, 365-382.	0.9	14
36	Investigating the Potential of Transmucosal Delivery of Febuxostat from Oral Lyophilized Tablets Loaded with a Self-Nanoemulsifying Delivery System. <i>Pharmaceutics</i> , 2020, 12, 534.	2.0	14

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37	Regulation of Autophagy Progress via Lysosomal Depletion by Fluvastatin Nanoparticle Treatment in Breast Cancer Cells. <i>ACS Omega</i> , 2020, 5, 15476-15486.	1.6	14
38	Calcium-independent Phospholipase A2 ³ Enhances Activation of the ATF6 Transcription Factor during Endoplasmic Reticulum Stress. <i>Journal of Biological Chemistry</i> , 2015, 290, 3009-3020.	1.6	13
39	Chitosan-TPP nanoparticles stabilized by poloxamer for controlling the release and enhancing the bioavailability of doxazosin mesylate: <i>in vitro</i> , and <i>in vivo</i> evaluation. <i>Drug Development and Industrial Pharmacy</i> , 2019, 45, 1130-1139.	0.9	13
40	Improved Transmucosal Delivery of Glimepiride via Unidirectional Release Buccal Film Loaded With Vitamin E TPGS-Based Nanocarrier. <i>Dose-Response</i> , 2020, 18, 155932582094516.	0.7	12
41	Depot injectable atorvastatin biodegradable in situ gel: development, optimization, <i>in vitro</i> , and <i>in vivo</i> evaluation. <i>Drug Design, Development and Therapy</i> , 2016, 10, 405.	2.0	11
42	Enhancing the Hypolipidemic Effect of Simvastatin in Poloxamer-Induced Hyperlipidemic Rats via Liquisolid Approach: Pharmacokinetic and Pharmacodynamic Evaluation. <i>AAPS PharmSciTech</i> , 2020, 21, 223.	1.5	11
43	Genetic Ablation of Calcium-independent Phospholipase A2 ³ Exacerbates Glomerular Injury in Adriamycin Nephrosis in Mice. <i>Scientific Reports</i> , 2019, 9, 16229.	1.6	10
44	Oleic acid-reinforced PEGylated polymethacrylate transdermal film with enhanced antidyslipidemic activity and bioavailability of atorvastatin: A mechanistic ex-vivo/in-vivo analysis. <i>International Journal of Pharmaceutics</i> , 2021, 608, 121057.	2.6	10
45	Matrix-type transdermal films to enhance simvastatin <i>ex vivo</i> skin permeability. <i>Pharmaceutical Development and Technology</i> , 2017, 22, 492-499.	1.1	9
46	Quality by design approach to screen the formulation and process variables influencing the characteristics of carvedilol solid lipid nanoparticles. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 45, 168-176.	1.4	9
47	Development and optimization of carvedilol orodispersible tablets: enhancement of pharmacokinetic parameters in rabbits. <i>Drug Design, Development and Therapy</i> , 2015, 9, 1379.	2.0	8
48	A PLGA-reinforced PEG in situ gel formulation for improved sustainability of hypoglycaemic activity of glimepiride in streptozotocin-induced diabetic rats. <i>Scientific Reports</i> , 2017, 7, 16384.	1.6	8
49	Cytotoxic and anti-diabetic potential, metabolic profiling and <i>in silico</i> studies of <i>Syzygium cumini</i> (L.) Skeels belonging to family <i>Myrtaceae</i> . <i>Natural Product Research</i> , 2022, 36, 1026-1030.	1.0	8
50	<p>Zein-alpha lipoic acid-loaded nanoparticles to enhance the oral bioavailability of dapoxetine: optimization and clinical pharmacokinetic evaluation</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 7461-7473.	3.3	7
51	New Adenosine Derivatives from <i>Aizoon canariense</i> L.: In Vitro Anticholinesterase, Antimicrobial, and Cytotoxic Evaluation of Its Extracts. <i>Molecules</i> , 2021, 26, 1198.	1.7	7
52	<p>An Optimized Surfactant-Based PEG-PLCL In Situ Gel Formulation For Enhanced Activity Of Rosuvastatin In Poloxamer-Induced Hyperlipidemic Rats</p>. <i>Drug Design, Development and Therapy</i> , 2019, Volume 13, 4035-4051.	2.0	6
53	Atheroprotective and atheroregressive potential of azapeptide derivatives of GHRP-6 as selective CD36 ligands in apolipoprotein E-deficient mice. <i>Atherosclerosis</i> , 2020, 307, 52-62.	0.4	6
54	Development of 3D-Printed, Liquisolid and Directly Compressed Glimepiride Tablets, Loaded with Black Seed Oil Self-Nanoemulsifying Drug Delivery System: In Vitro and In Vivo Characterization. <i>Pharmaceutics</i> , 2022, 15, 68.	1.7	6

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55	Antihyperlipidemic effect of ambrex, a polyherbal formulation against experimentally induced hypercholesterolemia in rats. African Journal of Pharmacy and Pharmacology, 2013, 7, 1737-1743.	0.2	5
56	Investigating the Potential of Transdermal Delivery of Avanafil Using Vitamin E-TPGS Based Mixed Micelles Loaded Films. Pharmaceutics, 2021, 13, 739.	2.0	5
57	Optimized gastroretentive floating carvedilol tablets: an approach for prolonged gastric residence time and enhanced absorption. Journal of Applied Pharmaceutical Science, 0, , 012-019.	0.7	5
58	Cholesterol-Based Nanovesicles Enhance the In Vitro Cytotoxicity, Ex Vivo Intestinal Absorption, and In Vivo Bioavailability of Flutamide. Pharmaceutics, 2021, 13, 1741.	2.0	5
59	Improving the Solubility and Oral Bioavailability of a Novel Aromatic Aldehyde Antisickling Agent (PP10) for the Treatment of Sickle Cell Disease. Pharmaceutics, 2021, 13, 1148.	2.0	4
60	Pairing 3D-Printing with Nanotechnology to Manage Metabolic Syndrome. International Journal of Nanomedicine, 2022, Volume 17, 1783-1801.	3.3	4
61	Development and optimization of fluoxetine orally disintegrating tablets using Box-Behnken design. Tropical Journal of Pharmaceutical Research, 2016, 15, 667.	0.2	3
62	Cytotoxic potential of three Sabal species grown in Egypt: a metabolomic and docking-based study. Natural Product Research, 2022, 36, 1109-1114.	1.0	3
63	Serum Neutrophil Gelatinase-Associated Lipocalin (NGAL) in HCV-Positive Egyptian Patients Treated with Sofosbuvir. Canadian Journal of Gastroenterology and Hepatology, 2020, 2020, 1-7.	0.8	3
64	Preclinical activity of fluvastatin-loaded self-nanoemulsifying delivery system against breast cancer models: Emphasis on apoptosis. Journal of Cellular Biochemistry, 2022, 123, 947-963.	1.2	3
65	Sterile dosage forms loaded nanosystems for parenteral, nasal, pulmonary and ocular administration. , 2018, , 335-395.		2
66	Clinical Pharmacokinetic Evaluation of Optimized Liquisolid Tablets as a Potential Therapy for Male Sexual Dysfunction. Pharmaceutics, 2020, 12, 1187.	2.0	2
67	Transdermal Film Loaded with Avanafil Ultra-deformable Nanovesicles to Enhance its Percutaneous Absorption and Bioavailability. AAPS PharmSciTech, 2022, 23, 46.	1.5	2
68	Buccal Route of Drug Delivery. , 2021, , 1-10.		1
69	Buccal Route of Drug Delivery. , 2022, , 222-231.		1
70	Anti-androgenic potential of the fruit extracts of certain Egyptian <i>Sabal</i> species and their genetic variability studies: a metabolomic-molecular modeling approach. Food and Function, 0, , .	2.1	1
71	The promising expedition of the delivery systems for monoclonal antibodies. , 2020, , 69-103.		0
72	Reexamining Povarov Reaction's Scope and Limitation in the Generation of HCV-NS4A Peptidomimetics. Heteroatom Chemistry, 2022, 2022, 1-12.	0.4	0