El-Sayed Khafagy

List of Publications by Year
in descending order

58 papers	2,164 citations	236612 25 h-index	233125 45 g-index
58 all docs	58 docs citations	58 times ranked	2044 citing authors

#	Article	IF	Citations
1	Development and Evaluation of Clove and Cinnamon Supercritical Fluid Extracts-Loaded Emulgel for Antifungal Activity in Denture Stomatitis. Gels, 2022, 8, 33.	2.1	8
2	Experimental Design and Optimization of Nano-Transfersomal Gel to Enhance the Hypoglycemic Activity of Silymarin. Polymers, 2022, 14, 508.	2.0	13
3	Enhancement of Vancomycin Potential against Pathogenic Bacterial Strains via Gold Nano-Formulations: A Nano-Antibiotic Approach. Materials, 2022, 15, 1108.	1.3	18
4	Elevated Levels of IL-33, IL-17 and IL-25 Indicate the Progression from Chronicity to Hepatocellular Carcinoma in Hepatitis C Virus Patients. Pathogens, 2022, 11, 57.	1.2	30
5	Screening of Apoptosis Pathway-Mediated Anti-Proliferative Activity of the Phytochemical Compound Furanodienone against Human Non-Small Lung Cancer A-549 Cells. Life, 2022, 12, 114.	1.1	9
6	Design-of-experiment approach to quantify the effect of nano-sized silica on tableting properties of microcrystalline cellulose to facilitate direct compression tableting of binary blend containing a low-dose drug. Journal of Drug Delivery Science and Technology, 2022, 68, 103127.	1.4	4
7	Poly Îµ-Caprolactone Nanoparticles for Sustained Intra-Articular Immune Modulation in Adjuvant-Induced Arthritis Rodent Model. Pharmaceutics, 2022, 14, 519.	2.0	5
8	Cefotaxime Mediated Synthesis of Gold Nanoparticles: Characterization and Antibacterial Activity. Polymers, 2022, 14, 771.	2.0	27
9	Terazosin Interferes with Quorum Sensing and Type Three Secretion System and Diminishes the Bacterial Espionage to Mitigate the Salmonella Typhimurium Pathogenesis. Antibiotics, 2022, 11, 465.	1.5	28
10	Ameliorative Potential of L-Alanyl L-Glutamine Dipeptide in Colon Cancer Patients Receiving Modified FOLFOX-6 Regarding the Incidence of Diarrhea, the Treatment Response, and Patientsâ€™ Survival: A Randomized Controlled Trial. Medicina (Lithuania), 2022, 58, 394.	0.8	0
11	Preparation and Characterization of a Novel Mucoadhesive Carvedilol Nanosponge: A Promising Platform for Buccal Anti-Hypertensive Delivery. Gels, 2022, 8, 235.	2.1	5
12	Pulmonary Targeting of Levofloxacin Using Microsphere-Based Dry Powder Inhalation. Pharmaceuticals, 2022, 15, 560.	1.7	3
13	Anti-Quorum Sensing Activities of Gliptins against Pseudomonas aeruginosa and Staphylococcus aureus. Biomedicines, 2022, 10, 1169.	1.4	23
14	Sodium Citrate Alleviates Virulence in Pseudomonas aeruginosa. Microorganisms, 2022, 10, 1046.	1.6	19
15	Oleuropein as a Potent Compound against Neurological Complications Linked with COVID-19: A Computational Biology Approach. Entropy, 2022, 24, 881.	1.1	3
16	Phytosomes as a Plausible Nano-Delivery System for Enhanced Oral Bioavailability and Improved Hepatoprotective Activity of Silymarin. Pharmaceuticals, 2022, 15, 790.	1.7	14
17	Pulmonary Targeting of Inhalable Moxifloxacin Microspheres for Effective Management of Tuberculosis. Pharmaceutics, 2021, 13, 79.	2.0	36
18	Ghatti gum-base graft copolymer: a plausible platform for pH-controlled delivery of antidiabetic drugs. RSC Advances, 2021, 11, 14871-14882.	1.7	10

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19	Synthesis of Gold Nanoparticles by Using Green Machinery: Characterization and In Vitro Toxicity. Nanomaterials, 2021, 11, 808.	1.9	66
20	Enhanced Cytotoxic Activity of Docetaxel-Loaded Silk Fibroin Nanoparticles against Breast Cancer Cells. Polymers, 2021, 13, 1416.	2.0	21
21	Xylitol Inhibits Growth and Blocks Virulence in Serratia marcescens. Microorganisms, 2021, 9, 1083.	1.6	38
22	Celastrol Modulates Multiple Signaling Pathways to Inhibit Proliferation of Pancreatic Cancer via DDIT3 and ATF3 Up-Regulation and RRM2 and MCM4 Down-Regulation. OncoTargets and Therapy, 2021, Volume 14, 3849-3860.	1.0	36
23	Efficacy of SPG-ODN 1826 Nanovehicles in Inducing M1 Phenotype through TLR-9 Activation in Murine Alveolar J774A.1 Cells: Plausible Nano-Immunotherapy for Lung Carcinoma. International Journal of Molecular Sciences, 2021, 22, 6833.	1.8	33
24	Tamoxifen-loaded functionalized graphene nanoribbons for breast cancer therapy. Journal of Drug Delivery Science and Technology, 2021, 63, 102499.	1.4	11
25	Not Only Antimicrobial: Metronidazole Mitigates the Virulence of Proteus mirabilis Isolated from Macerated Diabetic Foot Ulcer. Applied Sciences (Switzerland), 2021, 11, 6847.	1.3	32
26	Tackling Virulence of Pseudomonas aeruginosa by the Natural Furanone Sotolon. Antibiotics, 2021, 10, 871.	1.5	36
27	Formulation, characterization, and cellular toxicity assessment of tamoxifen-loaded silk fibroin nanoparticles in breast cancer. Drug Delivery, 2021, 28, 1626-1636.	2.5	49
28	A Novel Use of Allopurinol as A Quorum-Sensing Inhibitor in Pseudomonas aeruginosa. Antibiotics, 2021, 10, 1385.	1.5	37
29	Secnidazole Is a Promising Imidazole Mitigator of Serratia marcescens Virulence. Microorganisms, 2021, 9, 2333.	1.6	30
30	Alteration of Salmonella enterica Virulence and Host Pathogenesis through Targeting sdiA by Using the CRISPR-Cas9 System. Microorganisms, 2021, 9, 2564.	1.6	35
31	Systemic and brain delivery of leptin via intranasal coadministration with cell-penetrating peptides and its therapeutic potential for obesity. Journal of Controlled Release, 2020, 319, 397-406.	4.8	25
32	Full Factorial Design, Optimization, In vitro and Ex vivo Studies of Ocular Timolol-Loaded Microsponges. Journal of Pharmaceutical Innovation, 2020, 15, 651-663.	1.1	8
33	Enhancing the Poor Flow and Tableting Problems of High Drug-Loading Formulation of Canagliflozin Using Continuous Green Granulation Process and Design-of-Experiment Approach. Pharmaceuticals, 2020, 13, 473.	1.7	6
34	Influence of formulation variables on miconazole nitrateâ€"loaded lipid based nanocarrier for topical delivery. Colloids and Surfaces B: Biointerfaces, 2020, 193, 111046.	2.5	22
35	Design, Optimization, and Correlation of In Vitro/In Vivo Disintegration of Novel Fast Orally Disintegrating Tablet of High Dose Metformin Hydrochloride Using Moisture Activated Dry Granulation Process and Quality by Design Approach. Pharmaceutics, 2020, 12, 598.	2.0	12
36	Defining design space for optimization of escitalopram ultra-fast melting tablet using suspension spray-coating technique: In-vitro and in-vivo evaluation. Journal of Drug Delivery Science and Technology, 2020, 57, 101631.	1.4	8

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37	Impact Of Penetratin Stereochemistry On The Oral Bioavailability Of Insulin-Loaded Solid Lipid Nanoparticles . International Journal of Nanomedicine, 2019, Volume 14, 9127-9138.	3.3	33
38	Application of design of experiment approach for investigating the effect of partially pre-gelatinized starch on critical quality attributes of rapid orally disintegrating tablets. Journal of Drug Delivery Science and Technology, 2019, 49, 227-234.	1.4	21
39	Preparation of self-flocculated solid lipid. Journal of Research in Pharmacy, 2019, 23, 652-661.	0.1	1
40	Combination Strategy with Complexation Hydrogels and Cell-Penetrating Peptides for Oral Delivery of Insulin. Biological and Pharmaceutical Bulletin, 2018, 41, 811-814.	0.6	25
41	Synthesis, biological evaluation, and molecular docking investigation of benzhydrol- and indole-based dual PPAR-Î³/FFAR1 agonists. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 1595-1602.	1.0	26
42	Potential of single cationic amino acid molecule â€œArginineâ€•for stimulating oral absorption of insulin. International Journal of Pharmaceutics, 2017, 521, 176-183.	2.6	17
43	Rhamnolipids Enhance in Vivo Oral Bioavailability of Poorly Absorbed Molecules. Pharmaceutical Research, 2017, 34, 2197-2210.	1.7	4
44	Use of a non-covalent cell-penetrating peptide strategy to enhance the nasal delivery of interferon beta and its PEGylated form. International Journal of Pharmaceutics, 2016, 510, 304-310.	2.6	29
45	Organization of Endothelial Cells, Pericytes, and Astrocytes into a 3D Microfluidic in Vitro Model of the Bloodâ€“Brain Barrier. Molecular Pharmaceutics, 2016, 13, 895-906.	2.3	123
46	Effect of different intestinal conditions on the intermolecular interaction between insulin and cell-penetrating peptide penetratin and on its contribution to stimulation of permeation through intestinal epithelium. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 94, 42-51.	2.0	25
47	Region-Dependent Role of Cell-Penetrating Peptides in Insulin Absorption Across the Rat Small Intestinal Membrane. AAPS Journal, 2015, 17, 1427-1437.	2.2	29
48	In vivo proof of concept of oral insulin delivery based on a co-administration strategy with the cell-penetrating peptide penetratin. Journal of Controlled Release, 2014, 189, 19-24.	4.8	127
49	Noninvasive insulin delivery: the great potential of cell-penetrating peptides. Therapeutic Delivery, 2013, 4, 315-326.	1.2	46
50	One-month subchronic toxicity study of cell-penetrating peptides for insulin nasal delivery in rats. European Journal of Pharmaceutics and Biopharmaceutics, 2013, 85, 736-743.	2.0	58
51	Oral biodrug delivery using cell-penetrating peptide. Advanced Drug Delivery Reviews, 2012, 64, 531-539.	6.6	160
52	Cell-penetrating Peptide-biodrug Strategy for Oral and Nasal Delivery: Review of Recent Findings. Journal of Experimental and Clinical Medicine, 2012, 4, 198-202.	0.2	7
53	Structural requirements of penetratin absorption enhancement efficiency for insulin delivery. Journal of Controlled Release, 2010, 143, 302-310.	4.8	48
54	The role of intermolecular interactions with penetratin and its analogue on the enhancement of absorption of nasal therapeutic peptides. International Journal of Pharmaceutics, 2010, 388, 209-212.	2.6	49

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55	Effect of cell-penetrating peptides on the nasal absorption of insulin. Journal of Controlled Release, 2009, 133, 103-108.	4.8	117
56	Efficiency of cell-penetrating peptides on the nasal and intestinal absorption of therapeutic peptides and proteins. International Journal of Pharmaceutics, 2009, 381, 49-55.	2.6	82
57	Current challenges in non-invasive insulin delivery systems: A comparative review. Advanced Drug Delivery Reviews, 2007, 59, 1521-1546.	6.6	367
58	Formulation, Development and Evaluation of Ibuprofen Loaded Nano-transferosomal Gel for the Treatment of Psoriasis. Journal of Pharmaceutical Research International, 0, , 1-8.	1.0	10