

Khaled Mohamed Hosny

List of Publications by Year in descending order

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83
papers

1,646
citations

331538

21
h-index

377752

34
g-index

83
all docs

83
docs citations

83
times ranked

1717
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Ciprofloxacin as Ocular Liposomal Hydrogel. AAPS PharmSciTech, 2010, 11, 241-246. | 1.5 | 84 |
| 2 | Miconazole-loaded solid lipid nanoparticles: formulation and evaluation of a novel formula with high bioavailability and antifungal activity. International Journal of Nanomedicine, 2016, 11, 441. | 3.3 | 76 |
| 3 | Development and Evaluation of Avanafil Self-nanoemulsifying Drug Delivery System with Rapid Onset of Action and Enhanced Bioavailability. AAPS PharmSciTech, 2015, 16, 53-58. | 1.5 | 57 |
| 4 | 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 |
| 5 | Preparation and Evaluation of Thermosensitive Liposomal Hydrogel for Enhanced Transcorneal Permeation of Ofloxacin. AAPS PharmSciTech, 2009, 10, 1336-42. | 1.5 | 55 |
| 6 | Intranasal in situ gel loaded with saquinavir mesylate nanosized microemulsion: Preparation, characterization, and in vivo evaluation. International Journal of Pharmaceutics, 2014, 475, 191-197. | 2.6 | 55 |
| 7 | Preparation, Optimization, and Evaluation of Hyaluronic Acid-Based Hydrogel Loaded with Miconazole Self-Nanoemulsion for the Treatment of Oral Thrush. AAPS PharmSciTech, 2019, 20, 297. | 1.5 | 53 |
| 8 | Solid lipid nanoparticles loaded with iron to overcome barriers for treatment of iron deficiency anemia. Drug Design, Development and Therapy, 2015, 9, 313. | 2.0 | 52 |
| 9 | The formulation of a nasal nanoemulsion zaleplon<i>in situ</i> gel for the treatment of insomnia. Expert Opinion on Drug Delivery, 2013, 10, 1033-1041. | 2.4 | 42 |
| 10 | Sildenafil citrate as oral solid lipid nanoparticles: a novel formula with higher bioavailability and sustained action for treatment of erectile dysfunction. Expert Opinion on Drug Delivery, 2014, 11, 1015-1022. | 2.4 | 42 |
| 11 | Optimization of caseinate-coated simvastatin-zein nanoparticles: improved bioavailability and modified release characteristics. Drug Design, Development and Therapy, 2015, 9, 655. | 2.0 | 42 |
| 12 | 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 |
| 13 | Enteric-coated alendronate sodium nanoliposomes: a novel formula to overcome barriers for the treatment of osteoporosis. Expert Opinion on Drug Delivery, 2013, 10, 741-746. | 2.4 | 39 |
| 14 | Assessment of simvastatin niosomes for pediatric transdermal drug delivery. Drug Delivery, 2016, 23, 1-14. | 2.5 | 36 |
| 15 | Alendronate Sodium as Enteric Coated Solid Lipid Nanoparticles; Preparation, Optimization, and In Vivo Evaluation to Enhance Its Oral Bioavailability. PLoS ONE, 2016, 11, e0154926. | 1.1 | 31 |
| 16 | QbD Enabled Azacitidine Loaded Liposomal Nanoformulation and Its In Vitro Evaluation. Polymers, 2021, 13, 250. | 2.0 | 31 |
| 17 | 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 |
| 18 | Coconut Oil Nanoemulsion Loaded with a Statin Hypolipidemic Drug for Management of Burns: Formulation and In Vivo Evaluation. Pharmaceutics, 2020, 12, 1061. | 2.0 | 28 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Preparation and Optimization of In Situ Gel Loaded with Rosuvastatin-Ellagic Acid Nanotransfersomes to Enhance the Anti-Proliferative Activity. <i>Pharmaceutics</i> , 2020, 12, 263. | 2.0 | 27 |
| 20 | Optimization of gatifloxacin liposomal hydrogel for enhanced transcorneal permeation. <i>Journal of Liposome Research</i> , 2010, 20, 31-37. | 1.5 | 25 |
| 21 | <p>Nanosized Cubosomal Thermogelling Dispersion Loaded with Saquinavir Mesylate to Improve Its Bioavailability: Preparation, Optimization, in vitro and in vivo Evaluation<p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 5113-5129. | 3.3 | 23 |
| 22 | Development of omega-3 loxoprofen-loaded nanoemulsion to limit the side effect associated with NSAIDs in treatment of tooth pain. <i>Drug Delivery</i> , 2021, 28, 741-751. | 2.5 | 23 |
| 23 | 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 |
| 24 | Development and optimization of ocular in situ gels loaded with ciprofloxacin cubic liquid crystalline nanoparticles. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 57, 101710. | 1.4 | 21 |
| 25 | Oral Gel Loaded by Fluconazole–Sesame Oil Nanotransfersomes: Development, Optimization, and Assessment of Antifungal Activity. <i>Pharmaceutics</i> , 2021, 13, 27. | 2.0 | 21 |
| 26 | 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 |
| 27 | In vitro and preclinical assessment of factorial design based nanoethosomal transdermal film formulation of mefenamic acid to overcome barriers to its use in relieving pain and inflammation. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 48, 450-456. | 1.4 | 19 |
| 28 | Nano-vesicular delivery system loaded by Bifonazole: Preparation, optimization, and assessment of pharmacokinetic and antifungal activity. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 49, 316-322. | 1.4 | 19 |
| 29 | Formulation, Optimization, and Evaluation of Oregano Oil Nanoemulsions for the Treatment of Infections Due to Oral Microbiota. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 5465-5478. | 3.3 | 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 | Nanocubosomal based <i>in situ</i> gel loaded with natamycin for ocular fungal diseases: development, optimization, <i>in-vitro</i>, and <i>in-vivo</i> assessment. <i>Drug Delivery</i> , 2021, 28, 1836-1848. | 2.5 | 18 |
| 32 | Nanovesicular systems loaded with a recently approved second generation type-5 phosphodiesterase inhibitor (avanafil): I. Plackett-Burman screening and characterization. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 43, 154-159. | 1.4 | 17 |
| 33 | Physically Optimized Nano-Lipid Carriers Augment Raloxifene and Vitamin D Oral Bioavailability in Healthy Humans for Management of Osteoporosis. <i>Journal of Pharmaceutical Sciences</i> , 2020, 109, 2145-2155. | 1.6 | 17 |
| 34 | Development, optimization and characterization of nanoemulsion loaded with clove oil-naftifine antifungal for the management of tinea. <i>Drug Delivery</i> , 2021, 28, 343-356. | 2.5 | 17 |
| 35 | Development and Optimization of Cinnamon Oil Nanoemulgel for Enhancement of Solubility and Evaluation of Antibacterial, Antifungal and Analgesic Effects against Oral Microbiota. <i>Pharmaceutics</i> , 2021, 13, 1008. | 2.0 | 17 |
| 36 | QbD Supported Optimization of the Alginate-Chitosan Nanoparticles of Simvastatin in Enhancing the Anti-Proliferative Activity against Tongue Carcinoma. <i>Gels</i> , 2022, 8, 103. | 2.1 | 17 |

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|----|---|-----|-----------|
| 37 | Soy polysaccharide as a novel superdisintegrant in sildenafil citrate sublingual tablets: preparation, characterization, and in vivo evaluation. <i>Drug Design, Development and Therapy</i> , 2015, 9, 465. | 2.0 | 16 |
| 38 | Design and Development of Neomycin Sulfate Gel Loaded with Solid Lipid Nanoparticles for Buccal Mucosal Wound Healing. <i>Gels</i> , 2022, 8, 385. | 2.1 | 16 |
| 39 | Depot injectable biodegradable nanoparticles loaded with recombinant human bone morphogenetic protein-2: preparation, characterization, and in vivo evaluation. <i>Drug Design, Development and Therapy</i> , 2015, 9, 3599. | 2.0 | 15 |
| 40 | Self-Nanoemulsifying System Loaded with Sildenafil Citrate and Incorporated within Oral Lyophilized Flash Tablets: Preparation, Optimization, and In Vivo Evaluation. <i>Pharmaceutics</i> , 2020, 12, 1124. | 2.0 | 15 |
| 41 | Oral gel loaded with penciclovir lavender oil nanoemulsion to enhance bioavailability and alleviate pain associated with herpes labialis. <i>Drug Delivery</i> , 2021, 28, 1043-1054. | 2.5 | 15 |
| 42 | Development of Chitosan-Based Nanoemulsion Gel Containing Microbial Secondary Metabolite with Effective Antifungal Activity: In vitro and in vivo Characterizations. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 8203-8219. | 3.3 | 15 |
| 43 | Preparation and Optimization of Garlic Oil/Apple Cider Vinegar Nanoemulsion Loaded with Minoxidil to Treat Alopecia. <i>Pharmaceutics</i> , 2021, 13, 2150. | 2.0 | 15 |
| 44 | Carbopol emulgel loaded with ebastine for urticaria: development, characterization, <i>in vitro</i> and <i>in vivo</i> evaluation. <i>Drug Delivery</i> , 2022, 29, 52-61. | 2.5 | 15 |
| 45 | Quality by design approach to optimize the formulation variables influencing the characteristics of biodegradable intramuscular in-situ gel loaded with alendronate sodium for osteoporosis. <i>PLoS ONE</i> , 2018, 13, e0197540. | 1.1 | 14 |
| 46 | 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 |
| 47 | Self-Nanoemulsion Loaded with a Combination of Isotretinoin, an Anti-Acne Drug, and Quercetin: Preparation, Optimization, and In Vivo Assessment. <i>Pharmaceutics</i> , 2021, 13, 46. | 2.0 | 14 |
| 48 | Development, optimization, and evaluation of a nanostructured lipid carrier of sesame oil loaded with miconazole for the treatment of oral candidiasis. <i>Drug Delivery</i> , 2022, 29, 254-262. | 2.5 | 14 |
| 49 | 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 |
| 50 | Development and Optimization of Acriflavine-Loaded Polycaprolactone Nanoparticles Using Box-Behnken Design for Burn Wound Healing Applications. <i>Polymers</i> , 2022, 14, 101. | 2.0 | 13 |
| 51 | Controlled release of injectable liposomal <i>in situ</i> gel loaded with recombinant human bone morphogenetic protein-2 for the repair of alveolar bone clefts in rabbits. <i>Journal of Liposome Research</i> , 2016, 26, 1-8. | 1.5 | 12 |
| 52 | Recent Trends in Assessment of Cellulose Derivatives in Designing Novel and Nanoparticulate-Based Drug Delivery Systems for Improvement of Oral Health. <i>Polymers</i> , 2022, 14, 92. | 2.0 | 12 |
| 53 | Avanafil Liposomes as Transdermal Drug Delivery for Erectile Dysfunction Treatment: Preparation, Characterization, and <i>In vitro</i> , <i>Ex vivo</i> and <i>In vivo</i> Studies. <i>Tropical Journal of Pharmaceutical Research</i> , 2015, 14, 559. | 0.2 | 11 |
| 54 | Depot injectable atorvastatin biodegradable in situ gel: development, optimization, in vitro, and in vivo evaluation. <i>Drug Design, Development and Therapy</i> , 2016, 10, 405. | 2.0 | 11 |

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|----|---|-----|-----------|
| 55 | <p>Development Of Saquinavir Mesylate Nanoemulsion-Loaded Transdermal Films: Two-Step Optimization Of Permeation Parameters, Characterization, And Ex Vivo And In Vivo Evaluation</p>. International Journal of Nanomedicine, 2019, Volume 14, 8589-8601. | 3.3 | 11 |
| 56 | Anticancer Effects of New Ceramides Isolated from the Red Sea Red Algae HypneaÂmusciformis in a Model of Ehrlich Ascites Carcinoma: LC-HRMS Analysis Profile and Molecular Modeling. Marine Drugs, 2022, 20, 63. | 2.2 | 11 |
| 57 | Development and optimization of ofloxacin as solid lipid nanoparticles for enhancement of its ocular activity. Journal of Drug Delivery Science and Technology, 2022, 72, 103373. | 1.4 | 11 |
| 58 | Formulation design and pharmacokinetic evaluation of docosahexaenoic acid containing self-nanoemulsifying drug delivery system for oral administration. Nanomaterials and Nanotechnology, 2020, 10, 184798042095098. | 1.2 | 10 |
| 59 | Development and Optimization of Hyaluronic Acid-Poloxamer In-Situ Gel Loaded with Voriconazole Cubosomes for Enhancement of Activity against Ocular Fungal Infection. Gels, 2022, 8, 241. | 2.1 | 10 |
| 60 | Quality by design approach to screen the formulation and process variables influencing the characteristics of carvedilol solid lipid nanoparticles. Journal of Drug Delivery Science and Technology, 2018, 45, 168-176. | 1.4 | 9 |
| 61 | Clinical pharmacokinetic study for the effect of glimepiride matrix tablets developed by quality by design concept. Drug Development and Industrial Pharmacy, 2018, 44, 66-81. | 0.9 | 9 |
| 62 | Preparation and evaluation of protective effect of pumpkin seed oil based self nanoemulsifying oral delivery system against ibuprofen-induced peptic ulcer. Journal of Drug Delivery Science and Technology, 2019, 52, 415-420. | 1.4 | 8 |
| 63 | Development and optimization of Clotrimazoleâ€Rosehip oil nanoethosomal-gel for oral thrush and gingivitis. Journal of Drug Delivery Science and Technology, 2021, 63, 102482. | 1.4 | 8 |
| 64 | Formulation, optimization, and nephrotoxicity evaluation of an antifungal in situ nasal gel loaded with voriconazoleâ€clove oil transferosomal nanoparticles. Drug Delivery, 2021, 28, 2229-2240. | 2.5 | 8 |
| 65 | Fabrication and Characterization of Polymeric Pharmaceutical Emulgel Co-Loaded with Eugenol and Linalool for the Treatment of Trichophyton rubrum Infections. Polymers, 2021, 13, 3904. | 2.0 | 8 |
| 66 | Formulation Development, Statistical Optimization, In Vitro and In Vivo Evaluation of Etoricoxib-Loaded Eucalyptus Oil-Based Nanoemulgel for Topical Delivery. Applied Sciences (Switzerland), 2021, 11, 7294. | 1.3 | 7 |
| 67 | Current Status and Challenges in Rotigotine Delivery. Current Pharmaceutical Design, 2020, 26, 2222-2232. | 0.9 | 7 |
| 68 | Zein based magnesium oxide nanoparticles: Assessment of antimicrobial activity for dental implications. Pakistan Journal of Pharmaceutical Sciences, 2018, 31, 245-250. | 0.2 | 7 |
| 69 | Utilization of Gelling Polymer to Formulate Nanoparticles Loaded with Epalrestat-Cyclodextrin Inclusion Complex: Formulation, Characterization, In-Silico Modelling and In-Vivo Toxicity Evaluation. Polymers, 2021, 13, 4350. | 2.0 | 7 |
| 70 | Lyophilized Composite Loaded with Meloxicam-Peppermint oil Nanoemulsion for Periodontal Pain. Polymers, 2021, 13, 2317. | 2.0 | 6 |
| 71 | Synthesis of New Cyanopyridine Scaffolds and their Biological Activities. Current Organic Synthesis, 2020, 17, 567-575. | 0.7 | 6 |
| 72 | Tailoring of Geranium Oil-Based Nanoemulsion Loaded with Pravastatin as a Nanoplatform for Wound Healing. Polymers, 2022, 14, 1912. | 2.0 | 6 |

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|----|---|-----|-----------|
| 73 | Fabrication and evaluation of Phytomenadione as a nanostructure lipid carrier for enhancement of bioavailability. <i>Pharmaceutical Development and Technology</i> , 2018, 23, 382-386. | 1.1 | 5 |
| 74 | Preparation and optimization of pravastatin-naringenin nanotransfersomes to enhance bioavailability and reduce hepatic side effects. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 57, 101746. | 1.4 | 5 |
| 75 | Formulation and optimization of neomycin Sulfateâ€“Thioctic acid loaded in a eucalyptus oil self-nanoemulsion to enhance the beneficial activity of the substances and limit the side effects associated with the treatment of hepatic coma. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 61, 102108. | 1.4 | 5 |
| 76 | Preparation and optimization of aloe ferox gel loaded with Finasteride-Oregano oil nanocubosomes for treatment of alopecia. <i>Drug Delivery</i> , 2022, 29, 284-293. | 2.5 | 5 |
| 77 | Repurposing Lovastatin Cytotoxicity against the Tongue Carcinoma HSC3 Cell Line Using a Eucalyptus Oil-Based Nanoemulgel Carrier. <i>Gels</i> , 2022, 8, 176. | 2.1 | 5 |
| 78 | Augmentation of Antidiabetic Activity of Glibenclamide Microspheres Using S-Protected Okra Powered by QbD: Scintigraphy and In Vivo Studies. <i>Pharmaceutics</i> , 2022, 15, 491. | 1.7 | 5 |
| 79 | The relevance of nanotechnology, hepato-protective agents in reducing the toxicity and augmenting the bioavailability of isotretinoin. <i>Drug Delivery</i> , 2021, 28, 115-125. | 2.5 | 3 |
| 80 | Utilization of nanotechnology and experimental design in development and optimization of Aloe vera gel loaded with Finasterideâ€“Garlic Oilâ€“Nanotransfersomes. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 68, 103130. | 1.4 | 3 |
| 81 | Nasal Gel Loaded with Amphotericin Nanotransfersomes as Antifungal Treatment for Fungal Sinusitis. <i>Pharmaceutics</i> , 2021, 13, 35. | 2.0 | 2 |
| 82 | Preparation and characterization of a thioctic acid nanostructured lipid carrier to enhance the absorption profile and limit the nephrotoxicity associated with allopurinol in the treatment of gout. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 66, 102859. | 1.4 | 1 |
| 83 | Formulation and Characterization of Carbopol-934 Based Kojic Acid-Loaded Smart Nanocrystals: A Solubility Enhancement Approach. <i>Polymers</i> , 2022, 14, 1489. | 2.0 | 1 |