

Raid Ghassan Alany

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108
papers

3,003
citations

29
h-index

51
g-index

123
ext. papers

3,482
ext. citations

5.5
avg, IF

5.51
L-index

#	Paper	IF	Citations
108	Drug delivery to the posterior segment of the eye. <i>Drug Discovery Today</i> , 2011 , 16, 270-7	8.8	224
107	Recent advances in non-ionic surfactant vesicles (niosomes): self-assembly, fabrication, characterization, drug delivery applications and limitations. <i>Drug Delivery</i> , 2014 , 21, 87-100	7	168
106	Texture and rheological characterization of kappa and iota carrageenan in the presence of counter ions. <i>Carbohydrate Polymers</i> , 2010 , 82, 69-77	10.3	119
105	W/O microemulsions for ocular delivery: evaluation of ocular irritation and precorneal retention. <i>Journal of Controlled Release</i> , 2006 , 111, 145-52	11.7	116
104	Comparison of ion-activated in situ gelling systems for ocular drug delivery. Part 1: physicochemical characterisation and in vitro release. <i>International Journal of Pharmaceutics</i> , 2011 , 411, 69-77	6.5	107
103	Design and evaluation of controlled-release niosomes and discomes for naltrexone hydrochloride ocular delivery. <i>Journal of Pharmaceutical Sciences</i> , 2011 , 100, 1833-46	3.9	101
102	Effects of alcohols and diols on the phase behaviour of quaternary systems. <i>International Journal of Pharmaceutics</i> , 2000 , 196, 141-5	6.5	97
101	Characterizing colloidal structures of pseudoternary phase diagrams formed by oil/water/amphiphile systems. <i>Drug Development and Industrial Pharmacy</i> , 2001 , 27, 31-8	3.6	80
100	Poloxamer-based thermoresponsive ketorolac tromethamine in situ gel preparations: Design, characterisation, toxicity and transcorneal permeation studies. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017 , 114, 119-134	5.7	79
99	Ophthalmic gels: Past, present and future. <i>Advanced Drug Delivery Reviews</i> , 2018 , 126, 113-126	18.5	78
98	Phase transition water-in-oil microemulsions as ocular drug delivery systems: in vitro and in vivo evaluation. <i>International Journal of Pharmaceutics</i> , 2007 , 328, 65-71	6.5	77
97	New therapeutic approaches in the treatment of diabetic keratopathy: a review. <i>Clinical and Experimental Ophthalmology</i> , 2011 , 39, 259-70	2.4	72
96	Discrete element modelling of the influence of cover strength on basement-involved fault-propagation folding. <i>Tectonophysics</i> , 2006 , 415, 225-238	3.1	71
95	Borage oil in the treatment of atopic dermatitis. <i>Nutrition</i> , 2010 , 26, 708-18	4.8	67
94	Conjunctival and corneal tolerability assessment of ocular naltrexone niosomes and their ingredients on the hen's egg chorioallantoic membrane and excised bovine cornea models. <i>International Journal of Pharmaceutics</i> , 2012 , 432, 1-10	6.5	60
93	Niosomes and discomes for ocular delivery of naltrexone hydrochloride: morphological, rheological, spreading properties and photo-protective effects. <i>International Journal of Pharmaceutics</i> , 2012 , 433, 142-8	6.5	57
92	Controlled and continuous release ocular drug delivery systems: pros and cons. <i>Current Drug Delivery</i> , 2012 , 9, 421-30	3.2	48

91	Molecular descriptors that influence the amount of drugs transfer into human breast milk. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002 , 29, 103-19	3.5	48
90	Age-related cataract and drug therapy: opportunities and challenges for topical antioxidant delivery to the lens. <i>Journal of Pharmacy and Pharmacology</i> , 2015 , 67, 537-50	4.8	46
89	Comparison of ion-activated in situ gelling systems for ocular drug delivery. Part 2: Precorneal retention and in vivo pharmacodynamic study. <i>International Journal of Pharmaceutics</i> , 2011 , 411, 78-85	6.5	46
88	Alternative antimicrobials: the properties of fatty acids and monoglycerides. <i>Critical Reviews in Microbiology</i> , 2018 , 44, 561-570	7.8	41
87	Development and characterisation of electrospun timolol maleate-loaded polymeric contact lens coatings containing various permeation enhancers. <i>International Journal of Pharmaceutics</i> , 2017 , 532, 408-420	6.5	39
86	Phytosome-hyaluronic acid systems for ocular delivery of L-carnosine. <i>International Journal of Nanomedicine</i> , 2016 , 11, 2815-27	7.3	39
85	Formulation and corneal permeation of ketorolac tromethamine-loaded chitosan nanoparticles. <i>Drug Development and Industrial Pharmacy</i> , 2016 , 42, 514-24	3.6	36
84	Prediction of a stable microemulsion formulation for the oral delivery of a combination of antitubercular drugs using ANN methodology. <i>Pharmaceutical Research</i> , 2003 , 20, 1760-5	4.5	36
83	Nanoparticle-Laden Contact Lens for Controlled Ocular Delivery of Prednisolone: Formulation Optimization Using Statistical Experimental Design. <i>Pharmaceutics</i> , 2016 , 8,	6.4	35
82	A review of non-invasive insulin delivery systems for diabetes therapy in clinical trials over the past decade. <i>Drug Discovery Today</i> , 2019 , 24, 440-451	8.8	35
81	In-situ phase transition from microemulsion to liquid crystal with the potential of prolonged parenteral drug delivery. <i>International Journal of Pharmaceutics</i> , 2012 , 431, 130-7	6.5	31
80	The suprachoroidal pathway: a new drug delivery route to the back of the eye. <i>Drug Discovery Today</i> , 2015 , 20, 491-5	8.8	30
79	Ion-activated in situ gelling systems for antisense oligodeoxynucleotide delivery to the ocular surface. <i>Molecular Pharmaceutics</i> , 2011 , 8, 2282-90	5.6	29
78	Corticosteroids in ophthalmology: drug delivery innovations, pharmacology, clinical applications, and future perspectives. <i>Drug Delivery and Translational Research</i> , 2021 , 11, 866-893	6.2	29
77	Electrically atomised formulations of timolol maleate for direct and on-demand ocular lens coatings. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017 , 119, 170-184	5.7	28
76	Novel in situ gelling ocular films for the opioid growth factor-receptor antagonist-naltrexone hydrochloride: fabrication, mechanical properties, mucoadhesion, tolerability and stability studies. <i>International Journal of Pharmaceutics</i> , 2014 , 477, 631-42	6.5	28
75	Prevention of Ophthalmia Neonatorum Caused by Using a Fatty Acid-Based Formulation. <i>MBio</i> , 2017 , 8,	7.8	28
74	Oral Modified Release Multiple-Unit Particulate Systems: Compressed Pellets, Microparticles and Nanoparticles. <i>Pharmaceutics</i> , 2018 , 10,	6.4	28

73	Optimization of PLGA nanoparticles formulation containing L-DOPA by applying the central composite design. <i>Drug Development and Industrial Pharmacy</i> , 2013 , 39, 321-30	3.6	27
72	Studies of the Rate Constant of L-DOPA Oxidation and Decarboxylation by HPLC. <i>Chromatographia</i> , 2012 , 75, 597-606	2.1	27
71	In-vitro and in-vivo evaluation of carrageenan/methylcellulose polymeric systems for transscleral delivery of macromolecules. <i>European Journal of Pharmaceutical Sciences</i> , 2011 , 44, 399-409	5.1	27
70	Role of genetic algorithms and artificial neural networks in predicting the phase behavior of colloidal delivery systems. <i>Pharmaceutical Research</i> , 2001 , 18, 1049-55	4.5	26
69	Use of artificial neural networks to predict quaternary phase systems from limited experimental data. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1999 , 19, 443-52	3.5	26
68	Effect of non-cross-linked calcium on characteristics, swelling behaviour, drug release and mucoadhesiveness of calcium alginate beads. <i>Carbohydrate Polymers</i> , 2016 , 140, 163-70	10.3	25
67	Critical appraisal of alternative irritation models: three decades of testing ophthalmic pharmaceuticals. <i>British Medical Bulletin</i> , 2015 , 113, 59-71	5.4	23
66	In situ gelling polyvalerolactone-based thermosensitive hydrogel for sustained drug delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014 , 88, 397-405	5.7	23
65	Fatty Acid Based Microemulsions to Combat Ophthalmia Neonatorum Caused by Neisseria gonorrhoeae and Staphylococcus aureus. <i>Nanomaterials</i> , 2018 , 8,	5.4	20
64	A study of microemulsions as prolonged-release injectables through in-situ phase transition. <i>Journal of Controlled Release</i> , 2014 , 174, 188-94	11.7	19
63	A three-drug nanoscale drug delivery system designed for preferential lymphatic uptake for the treatment of metastatic melanoma. <i>Journal of Controlled Release</i> , 2015 , 220, 503-514	11.7	18
62	Assembling Surfactants-Mucoadhesive Polymer Nanomicelles (ASMP-Nano) for Ocular Delivery of Cyclosporine-A. <i>Pharmaceutics</i> , 2020 , 12,	6.4	18
61	New Generation of Orally Disintegrating Tablets for Sustained Drug Release: A Propitious Outlook. <i>Current Drug Delivery</i> , 2015 , 12, 652-67	3.2	18
60	Lymphatic changes in cancer and drug delivery to the lymphatics in solid tumors. <i>Advanced Drug Delivery Reviews</i> , 2019 , 144, 16-34	18.5	17
59	Engineering and Development of Chitosan-Based Nanocoatings for Ocular Contact Lenses. <i>Journal of Pharmaceutical Sciences</i> , 2019 , 108, 1540-1551	3.9	17
58	Synergistic effect of chemical penetration enhancer and iontophoresis on transappendageal transport of oligodeoxynucleotides. <i>International Journal of Pharmaceutics</i> , 2013 , 441, 687-92	6.5	17
57	Pharmacy students Views and experiences of Turnitin – An online tool for detecting academic dishonesty. <i>Pharmacy Education</i> , 2005 , 5, 241-250		17
56	Contact lenses as drug reservoirs & delivery systems: the successes & challenges. <i>Therapeutic Delivery</i> , 2014 , 5, 1085-100	3.8	16

55	Polymeric Inserts Containing Eudragit L100 Nanoparticle for Improved Ocular Delivery of Azithromycin. <i>Biomedicines</i> , 2020 , 8,	4.8	16
54	Approaches in topical ocular drug delivery and developments in the use of contact lenses as drug-delivery devices. <i>Therapeutic Delivery</i> , 2017 , 8, 521-541	3.8	14
53	Efficient approach to enhance drug solubility by particle engineering of bovine serum albumin. <i>International Journal of Pharmaceutics</i> , 2016 , 515, 740-748	6.5	14
52	Nano-engineering chitosan particles to sustain the release of promethazine from orodispersables. <i>Carbohydrate Polymers</i> , 2015 , 131, 447-61	10.3	14
51	Retinal cell regeneration using tissue engineered polymeric scaffolds. <i>Drug Discovery Today</i> , 2019 , 24, 1669-1678	8.8	13
50	Analytical and physicochemical characterisation of the senile cataract drug dipeptide β-alanyl-L-histidine (carnosine). <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015 , 114, 241-6	3.5	13
49	Application of diffuse reflectance infrared Fourier transform spectroscopy combined with artificial neural networks in analysing enantiomeric purity of terbutaline sulphate bulk drug. <i>Analytica Chimica Acta</i> , 2001 , 449, 157-165	6.6	13
48	Combinatorial Polymeric Conjugated Micelles with Dual Cytotoxic and Antiangiogenic Effects for the Treatment of Ovarian Cancer. <i>Chemistry of Materials</i> , 2016 , 28, 6068-6079	9.6	13
47	Polymeric long-acting drug delivery systems (LADDs) for treatment of chronic diseases: Inserts, patches, wafers, and implants. <i>Advanced Drug Delivery Reviews</i> , 2021 , 177, 113957	18.5	13
46	In vitro release characteristics and cellular uptake of poly(D,L-lactic-co-glycolic acid) nanoparticles for topical delivery of antisense oligodeoxynucleotides. <i>Drug Delivery</i> , 2011 , 18, 493-501	7	12
45	Formulation and physicochemical characterization of imwitor 308 based self microemulsifying drug delivery systems. <i>Chemical and Pharmaceutical Bulletin</i> , 2010 , 58, 1332-8	1.9	12
44	Eutectic, monotectic and immiscibility systems of nimesulide with water-soluble carriers: phase equilibria, solid-state characterisation and in-vivo/pharmacodynamic evaluation. <i>Journal of Pharmacy and Pharmacology</i> , 2014 , 66, 1439-50	4.8	11
43	On the Anticataractogenic Effects of L-Carnosine: Is It Best Described as an Antioxidant, Metal-Chelating Agent or Glycation Inhibitor?. <i>Oxidative Medicine and Cellular Longevity</i> , 2016 , 2016, 3240261	6.7	11
42	Development of water-in-oil microemulsions with the potential of prolonged release for oral delivery of L-glutathione. <i>Pharmaceutical Development and Technology</i> , 2013 , 18, 1424-9	3.4	10
41	Effect of water-in-oil microemulsions and lamellar liquid crystalline systems on the precorneal tear film of albino New Zealand rabbits. <i>Clinical Ophthalmology</i> , 2008 , 2, 129-38	2.5	10
40	Fatty acid microemulsion for the treatment of neonatal conjunctivitis: quantification, characterisation and evaluation of antimicrobial activity. <i>Drug Delivery and Translational Research</i> , 2016 , 6, 722-734	6.2	9
39	Effect of cations on the microstructure and in-vitro drug release of βand βarrageenan liquid and semi-solid aqueous dispersions. <i>Journal of Pharmacy and Pharmacology</i> , 2011 , 63, 11-8	4.8	9
38	Octanol Water Partition Coefficient Determination for Model Steroids Using an HPLC Method. <i>Letters in Drug Design and Discovery</i> , 2008 , 5, 394-400	0.8	9

37	Analysis of 2-oxothiazolidine-4-carboxylic acid by hydrophilic interaction liquid chromatography: application for ocular delivery using chitosan nanoparticles. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 2645-50	4.4	8
36	Self-built supercritical CO ₂ anti-solvent unit design, construction and operation using carbamazepine. <i>AAPS PharmSciTech</i> , 2008 , 9, 944-52	3.9	8
35	Cyclodextrin Diethyldithiocarbamate Copper II Inclusion Complexes: A Promising Chemotherapeutic Delivery System against Chemoresistant Triple Negative Breast Cancer Cell Lines. <i>Pharmaceutics</i> , 2021 , 13,	6.4	8
34	The use of albumin solid dispersion to enhance the solubility of unionizable drugs. <i>Pharmaceutical Development and Technology</i> , 2018 , 23, 732-738	3.4	7
33	Potential Use of the Maillard Reaction for Pharmaceutical Applications: Gastric and Intestinal Controlled Release Alginate-Albumin Beads. <i>Pharmaceutics</i> , 2019 , 11,	6.4	5
32	Determination of pKa and forced degradation of the indoloquinoline antimalarial compound cryptolepine hydrochloride. <i>Pharmaceutical Development and Technology</i> , 2013 , 18, 866-76	3.4	5
31	Ocular Drug Delivery		5
30	Adherence of <i>Pseudomonas aeruginosa</i> onto surfactant-laden contact lenses. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 163, 91-99	6	5
29	Preparation and characterization of progesterone dispersions using supercritical carbon dioxide. <i>Drug Development and Industrial Pharmacy</i> , 2014 , 40, 458-69	3.6	4
28	Evaluation of progesterone permeability from supercritical fluid processed dispersion systems. <i>Pharmaceutical Development and Technology</i> , 2014 , 19, 238-46	3.4	4
27	The effects of supercritical carbon dioxide processing on progesterone dispersion systems: a multivariate study. <i>AAPS PharmSciTech</i> , 2012 , 13, 1255-65	3.9	4
26	Potentiometric determination of ionisation constants for diphacinone and chlorophacinone in a dioxane-water cosolvent system. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009 , 50, 86-9	3.5	4
25	A hybrid ocular delivery system of cyclosporine-A comprising nanomicelle-laden polymeric inserts with improved efficacy and tolerability. <i>Biomaterials Science</i> , 2021 , 9, 8235-8248	7.4	4
24	Curcumin In Situ Gelling Polymeric Insert with Enhanced Ocular Performance. <i>Pharmaceutics</i> , 2020 , 12,	6.4	4
23	Design and characterisation of a polyethylene oxide matrix with the potential use as a teat insert for prevention/treatment of bovine mastitis. <i>AAPS Journal</i> , 2015 , 17, 167-74	3.7	3
22	Preparation and optimization of monodisperse polymeric microparticles using modified vibrating orifice aerosol generator for controlled delivery of letrozole in breast cancer therapy. <i>Drug Development and Industrial Pharmacy</i> , 2018 , 44, 1953-1965	3.6	3
21	Adherence, persistence and cost-consequence comparison of bimatoprost topical ocular formulations. <i>Current Medical Research and Opinion</i> , 2013 , 29, 1187-9	2.5	3
20	Intramammary Delivery Technologies for Cattle Mastitis Treatment. <i>Advances in Delivery Science and Technology</i> , 2013 , 295-327		3

19	Transdermal delivery of bioidentical progesterone using dutasteride (A 5 α -reductase inhibitor): a pilot study. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2010 , 13, 626-36	3.4	3
18	Phase behavior, rheological and mechanical properties of hydrophilic polymer dispersions. <i>Pharmaceutical Development and Technology</i> , 2011 , 16, 259-68	3.4	3
17	Monocaprin eye drop formulation to combat antibiotic resistant gonococcal blindness. <i>Scientific Reports</i> , 2020 , 10, 12010	4.9	3
16	Thermogel Polymers for Injectable Drug Delivery Systems 2018 , 313-327		3
15	H NMR quantification of spray dried and spray freeze-dried saccharide carriers in dry powder inhaler formulations. <i>International Journal of Pharmaceutics</i> , 2019 , 564, 318-328	6.5	2
14	Theories and Concepts of Nano Materials, Nano- and microencapsulation 2014 , 15-42		2
13	Nanotechnology in Ophthalmic Drug Delivery 2012 , 277-303		2
12	Evaluation of Fluorescence Resonance Energy Transfer Approaches as a Tool to Quantify the Stability of Antisense Oligodeoxynucleotides. <i>Current Pharmaceutical Analysis</i> , 2012 , 8, 20-27	0.6	2
11	Fabrication and physical-chemical characterisation of polyelectrolyte microparticles: platform for controlled release of bioactives. <i>Current Drug Delivery</i> , 2009 , 6, 332-7	3.2	2
10	Hybrid thermosensitive-mucoadhesive forming gels for enhanced corneal wound healing effect of L-carnosine.. <i>Drug Delivery</i> , 2022 , 29, 374-385	7	2
9	Studies on Surfactants, Cosurfactants, and Oils for Prospective Use in Formulation of Ketorolac Tromethamine Ophthalmic Nanoemulsions. <i>Pharmaceutics</i> , 2021 , 13,	6.4	2
8	Formulation of Boron Encapsulated Smart Nanocapsules for Targeted Drug Delivery to the Brain. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 10738	2.6	1
7	Solid Dispersions of Gefitinib Prepared by Spray Drying with Improved Mucoadhesive and Drug Dissolution Properties.. <i>AAPS PharmSciTech</i> , 2022 , 23, 48	3.9	1
6	Microemulsions as Drug Delivery Systems 769-792		0
5	Pharmaceutical, Biomedical and Ophthalmic Applications of Biodegradable Polymers (BDPs): Literature and Patent Review.. <i>Pharmaceutical Development and Technology</i> , 2022 , 1-47	3.4	0
4	A methodological evaluation and predictive in silico investigation into the multi-functionality of arginine in directly compressed tablets. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015 , 96, 272-81	5.7	
3	Microemulsions as Drug Delivery Systems 2010 , 1		
2	Metformin extended release. <i>American Journal of Drug Delivery</i> , 2006 , 4, 187		

- 1 Development of drug alone and carrier-based GLP-1 dry powder inhaler formulations.. *International Journal of Pharmaceutics*, **2022**, 617, 121601 6.5