

usama A Fahmy

List of Publications by Citations

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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.

66

papers

860

citations

17

h-index

25

g-index

72

ext. papers

1,185

ext. citations

4.9

avg, IF

4.99

L-index

#	Paper	IF	Citations
66	Solid lipid nanoparticles for transdermal delivery of avanafil: optimization, formulation, in-vitro and ex-vivo studies. <i>Journal of Liposome Research</i> , 2016 , 26, 288-96	6.1	53
65	Transdermal glimepiride delivery system based on optimized ethosomal nano-vesicles: Preparation, characterization, in vitro, ex vivo and clinical evaluation. <i>International Journal of Pharmaceutics</i> , 2016 , 500, 245-54	6.5	53
64	Development and evaluation of avanafil self-nanoemulsifying drug delivery system with rapid onset of action and enhanced bioavailability. <i>AAPS PharmSciTech</i> , 2015 , 16, 53-8	3.9	48
63	Improvement of oral bioavailability of lovastatin by using nanostructured lipid carriers. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 5269-75	4.4	39
62	Optimized Icaritin Phytosomes Exhibit Enhanced Cytotoxicity and Apoptosis-Inducing Activities in Ovarian Cancer Cells. <i>Pharmaceutics</i> , 2020 , 12,	6.4	35
61	Nanoethosomal transdermal delivery of vardenafil for treatment of erectile dysfunction: optimization, characterization, and in vivo evaluation. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 6129-37	4.4	35
60	Formulation Design, Statistical Optimization, and In Vitro Evaluation of a Naringenin Nanoemulsion to Enhance Apoptotic Activity in A549 Lung Cancer Cells. <i>Pharmaceutics</i> , 2020 , 13,	5.2	34
59	Optimization of caseinate-coated simvastatin-zein nanoparticles: improved bioavailability and modified release characteristics. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 655-62	4.4	32
58	Improvement of fluvastatin bioavailability by loading on nanostructured lipid carriers. <i>International Journal of Nanomedicine</i> , 2015 , 10, 5797-804	7.3	32
57	Enhanced permeation parameters of optimized nanostructured simvastatin transdermal films: ex vivo and in vivo evaluation. <i>Pharmaceutical Development and Technology</i> , 2015 , 20, 919-926	3.4	30
56	Assessment of simvastatin niosomes for pediatric transdermal drug delivery. <i>Drug Delivery</i> , 2016 , 23, 1536-49	7	23
55	Encapsulation of Lovastatin in Zein Nanoparticles Exhibits Enhanced Apoptotic Activity in HepG2 Cells. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	23
54	Intranasal Niosomal Gel as a Promising Approach for Enhancing Flibanserin Bioavailability and Brain Delivery: In Vitro Optimization and / Evaluation. <i>Pharmaceutics</i> , 2020 , 12,	6.4	21
53	Thymoquinone-Loaded Soy-Phospholipid-Based Phytosomes Exhibit Anticancer Potential against Human Lung Cancer Cells. <i>Pharmaceutics</i> , 2020 , 12,	6.4	21
52	Augmentation of Fluvastatin Cytotoxicity Against Prostate Carcinoma PC3 Cell Line Utilizing Alpha Lipoic-Ellagic Acid Nanostructured Lipid Carrier Formula. <i>AAPS PharmSciTech</i> , 2018 , 19, 3454-3461	3.9	21
51	Anti-tumor effect of PEG-coated PLGA nanoparticles of febuxostat on A549 non-small cell lung cancer cells. <i>3 Biotech</i> , 2020 , 10, 133	2.8	18
50	Curcumin-Zein Nanospheres Improve Liver Targeting and Antifibrotic Activity of Curcumin in Carbon Tetrachloride-Induced Mice Liver Fibrosis. <i>Journal of Biomedical Nanotechnology</i> , 2016 , 12, 1746-47	4.7	18

49	Chitosan-Based Microparticles Enhance Ellagic Acid's Colon Targeting and Proapoptotic Activity. <i>Pharmaceutics</i> , 2020 , 12,	6.4	17
48	Statistical optimization of controlled release microspheres containing cetirizine hydrochloride as a model for water soluble drugs. <i>Pharmaceutical Development and Technology</i> , 2015 , 20, 738-46	3.4	16
47	Chitosan Coated Microparticles Enhance Simvastatin Colon Targeting and Pro-Apoptotic Activity. <i>Marine Drugs</i> , 2020 , 18,	6	16
46	Boosting the Brain Delivery of Atazanavir through Nanostructured Lipid Carrier-Based Approach for Mitigating NeuroAIDS. <i>Pharmaceutics</i> , 2020 , 12,	6.4	16
45	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	4.5	14
44	Attenuation of Benign Prostatic Hyperplasia by Optimized Tadalafil Loaded Pumpkin Seed Oil-Based Self Nanoemulsion: In Vitro and In Vivo Evaluation. <i>Pharmaceutics</i> , 2019 , 11,	6.4	14
43	Piceatannol-Loaded Emulsomes Exhibit Enhanced Cytostatic and Apoptotic Activities in Colon Cancer Cells. <i>Antioxidants</i> , 2020 , 9,	7.1	13
42	Combined strategy for suppressing breast carcinoma MCF-7 cell lines by loading simvastatin on alpha lipoic acid nanoparticles. <i>Expert Opinion on Drug Delivery</i> , 2016 , 13, 1653-1660	8	13
41	Repurposing of Sitagliptin- Melittin Optimized Nanoformula against SARS-CoV-2: Antiviral Screening and Molecular Docking Studies. <i>Pharmaceutics</i> , 2021 , 13,	6.4	12
40	The Enhanced Cytotoxic and Pro-Apoptotic Effects of Optimized Simvastatin-Loaded Emulsomes on MCF-7 Breast Cancer Cells. <i>Pharmaceutics</i> , 2020 , 12,	6.4	11
39	Omega-3 Self-Nanoemulsion Role in Gastroprotection against Indomethacin-Induced Gastric Injury in Rats. <i>Pharmaceutics</i> , 2020 , 12,	6.4	11
38	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	4.5	11
37	The Encapsulation of Febuxostat into Emulsomes Strongly Enhances the Cytotoxic Potential of the Drug on HCT 116 Colon Cancer Cells. <i>Pharmaceutics</i> , 2020 , 12,	6.4	11
36	Development and In Vitro Evaluation of 2-Methoxyestradiol Loaded Polymeric Micelles for Enhancing Anticancer Activities in Prostate Cancer. <i>Polymers</i> , 2021 , 13,	4.5	11
35	Tadalafil Transdermal Delivery with Alpha-lipoic Acid Self Nanoemulsion for Treatment of Erectile Dysfunction by Diabetes Mellitus. <i>International Journal of Pharmacology</i> , 2018 , 14, 945-951	0.7	10
34	Optimization of the Factors Affecting the Absorption of Vardenafil from Oral Disintegrating Tablets: A Clinical Pharmacokinetic Investigation. <i>Pharmaceutics</i> , 2019 , 11,	6.4	9
33	Optimized Conjugation of Fluvastatin to HIV-1 TAT Displays Enhanced Pro-Apoptotic Activity in HepG2 Cells. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	8
32	Lipidic Nano-Sized Emulsomes Potentiates the Cytotoxic and Apoptotic Effects of Raloxifene Hydrochloride in MCF-7 Human Breast Cancer Cells: Factorial Analysis and In Vitro Anti-Tumor Activity Assessment. <i>Pharmaceutics</i> , 2021 , 13,	6.4	8

31	Quantification of simvastatin in mice plasma by near-infrared and chemometric analysis of spectral data. <i>Drug Design, Development and Therapy</i> , 2016 , 10, 2507-13	4.4	8
30	Finasteride-loaded biodegradable nanoparticles: Near-infrared quantification of plasma and prostate levels. <i>Journal of Bioactive and Compatible Polymers</i> , 2017 , 32, 557-567	2	7
29	Optimized Icariin Cubosomes Exhibit Augmented Cytotoxicity against SKOV-3 Ovarian Cancer Cells. <i>Pharmaceutics</i> , 2020 , 13,	6.4	7
28	Development of lipid membrane based assays to accurately predict the transfection efficiency of cell-penetrating peptide-based gene nanoparticles. <i>International Journal of Pharmaceutics</i> , 2020 , 580, 119221	6.5	6
27	Development of an optimized febuxostat self-nanoemulsified loaded transdermal film: and evaluation. <i>Pharmaceutical Development and Technology</i> , 2020 , 25, 326-331	3.4	5
26	Vitamin E TPGS based transferosomes augmented TAT as a promising delivery system for improved transdermal delivery of raloxifene. <i>PLoS ONE</i> , 2019 , 14, e0226639	3.7	5
25	Optimization of Thymoquinone-Loaded Coconut Oil Nanostructured Lipid Carriers for the Management of Ethanol-Induced Ulcer. <i>AAPS PharmSciTech</i> , 2020 , 21, 137	3.9	4
24	In vitro evaluation of cytotoxic properties of 5-Aminolevulinic acid (5-ALA) on bladder cancer cells. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020 , 30, 101714	3.5	4
23	Ceftriaxone and Melittin Synergistically Promote Wound Healing in Diabetic Rats. <i>Pharmaceutics</i> , 2021 , 13,	6.4	4
22	Updates on Molecular and Biochemical Development and Progression of Prostate Cancer. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	4
21	Development of a Novel Pharmaceutical Formula of Nanoparticle Lipid Carriers of Gentamicin/β-Tocopherol and In Vivo Assessment of the Antioxidant Protective Effect of β-Tocopherol in Gentamicin-Induced Nephrotoxicity. <i>Antibiotics</i> , 2019 , 8,	4.9	4
20	Pumpkin Oil-Based Nanostructured Lipid Carrier System for Antiulcer Effect in NSAID-Induced Gastric Ulcer Model in Rats. <i>International Journal of Nanomedicine</i> , 2020 , 15, 2529-2539	7.3	4
19	Tailoring Midazolam-Loaded Chitosan Nanoparticulate Formulation for Enhanced Brain Delivery via Intranasal Route. <i>Polymers</i> , 2020 , 12,	4.5	3
18	Augmentation of Alendronate Cytotoxicity Against Breast Cancer Cells by Complexation with Trans-activating Regulatory Protein. <i>International Journal of Pharmacology</i> , 2019 , 15, 731-737	0.7	3
17	Formulation and Optimization of Avanafil Biodegradable Polymeric Nanoparticles: A Single-Dose Clinical Pharmacokinetic Evaluation. <i>Pharmaceutics</i> , 2020 , 12,	6.4	3
16	Apamin-Conjugated Alendronate Sodium Nanocomplex for Management of Pancreatic Cancer. <i>Pharmaceutics</i> , 2021 , 14,	5.2	3
15	Scorpion Venom-Functionalized Quercetin Phytosomes for Breast Cancer Management: In Vitro Response Surface Optimization and Anticancer Activity against MCF-7 Cells.. <i>Polymers</i> , 2021 , 14,	4.5	3
14	Application of Nanopharmaceutics for Flibanserin Brain Delivery Augmentation Via the Nasal Route. <i>Nanomaterials</i> , 2020 , 10,	5.4	2

13	Neoadjuvant Therapy Using Checkpoint Inhibitors before Radical Cystectomy for Muscle Invasive Bladder Cancer: A Systematic Review. <i>Journal of Personalized Medicine</i> , 2021 , 11,	3.6	2
12	Novel Combination of Alprostadil-D-tocopheryl Polyethylene Glycol Succinate for Treatment of Erectile Dysfunction. <i>International Journal of Pharmacology</i> , 2019 , 15, 738-744	0.7	2
11	Optimized Ellagic Acid-Ca Pectinate Floating Beads for Gastroprotection against Indomethacin-Induced Gastric Injury in Rats. <i>Biomolecules</i> , 2020 , 10,	5.9	2
10	Effect of DC. on Apoptosis, Inflammation and Oxidative Stress Induced by Doxorubicin in Wistar Rats. <i>Plants</i> , 2020 , 9,	4.5	2
9	Evaluation of the Antiviral Activity of Sitagliptin-Glatiramer Acetate Nano-Conjugates against SARS-CoV-2 Virus. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	2
8	New Alpha-Amylase Inhibitory Metabolites from Pericarps of .. <i>Life</i> , 2022 , 12,	3	2
7	Single-Port versus Multiple-Port Robot-Assisted Radical Prostatectomy: A Systematic Review and Meta-Analysis.. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	2
6	Green Nanoemulsion Stabilized by In Situ Self-Assembled Natural Oil/Native Cyclodextrin Complexes: An Eco-Friendly Approach for Enhancing Anticancer Activity of Costunolide against Lung Cancer Cells.. <i>Pharmaceutics</i> , 2022 , 14,	6.4	1
5	Atorvastatin-TPGS-PLGA Nanoparticles Cytotoxicity Augmentation Against Liver Cancer HepG2 cells. <i>International Journal of Pharmacology</i> , 2020 , 16, 79-86	0.7	1
4	Oncological Response and Predictive Biomarkers for the Checkpoint Inhibitors in Castration-Resistant Metastatic Prostate Cancer: A Systematic Review and Meta-Analysis.. <i>Journal of Personalized Medicine</i> , 2021 , 12,	3.6	1
3	Merging Experimental Design and Nanotechnology for the Development of Optimized Simvastatin Spanlastics: A Promising Combined Strategy for Augmenting the Suppression of Various Human Cancer Cells. <i>Pharmaceutics</i> , 2022 , 14, 1024	6.4	1
2	Adverse Events and Tolerability of Combined Durvalumab and Tremelimumab versus Durvalumab Alone in Solid Cancers: A Systematic Review and Meta-Analysis. <i>Biomedicines</i> , 2022 , 10, 1101	4.8	0
1	Fluoxetine Ecofriendly Nanoemulsion Enhances Wound Healing in Diabetic Rats: In Vivo Efficacy Assessment. <i>Pharmaceutics</i> , 2022 , 14, 1133	6.4	0