

# usama A Fahmy

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5312535/publications.pdf>

Version: 2024-02-01

59  
papers

1,548  
citations

279487

23  
h-index

360668

35  
g-index

72  
all docs

72  
docs citations

72  
times ranked

1539  
citing authors

#	ARTICLE	IF	CITATIONS
1	Solid lipid nanoparticles for transdermal delivery of avanafil: optimization, formulation, <i>in-vitro</i> and <i>ex-vivo</i> studies. Journal of Liposome Research, 2016, 26, 288-296.	1.5	78
2	Formulation Design, Statistical Optimization, and In Vitro Evaluation of a Naringenin Nanoemulsion to Enhance Apoptotic Activity in A549 Lung Cancer Cells. Pharmaceuticals, 2020, 13, 152.	1.7	70
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 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
5	Improvement of oral bioavailability of lovastatin by using nanostructured lipid carriers. Drug Design, Development and Therapy, 2015, 9, 5269.	2.0	49
6	Boosting the Brain Delivery of Atazanavir through Nanostructured Lipid Carrier-Based Approach for Mitigating NeuroAIDS. Pharmaceutics, 2020, 12, 1059.	2.0	49
7	Improvement of fluvastatin bioavailability by loading on nanostructured lipid carriers. International Journal of Nanomedicine, 2015, 10, 5797.	3.3	43
8	Optimization of caseinate-coated simvastatin-zein nanoparticles: improved bioavailability and modified release characteristics. Drug Design, Development and Therapy, 2015, 9, 655.	2.0	42
9	Nanoethosomal transdermal delivery of vardenafil for treatment of erectile dysfunction: optimization, characterization, and in vivo evaluation. Drug Design, Development and Therapy, 2015, 9, 6129.	2.0	41
10	Enhanced permeation parameters of optimized nanostructured simvastatin transdermal films:ex vivoandin vivoevaluation. Pharmaceutical Development and Technology, 2015, 20, 919-926.	1.1	38
11	Piceatannol-Loaded Emulsomes Exhibit Enhanced Cytostatic and Apoptotic Activities in Colon Cancer Cells. Antioxidants, 2020, 9, 419.	2.2	38
12	Assessment of simvastatin niosomes for pediatric transdermal drug delivery. Drug Delivery, 2016, 23, 1-14.	2.5	36
13	Encapsulation of Lovastatin in Zein Nanoparticles Exhibits Enhanced Apoptotic Activity in HepG2 Cells. International Journal of Molecular Sciences, 2019, 20, 5788.	1.8	31
14	Augmentation of Fluvastatin Cytotoxicity Against Prostate Carcinoma PC3 Cell Line Utilizing Alpha Lipoicâ€“Ellagic Acid Nanostructured Lipid Carrier Formula. AAPS PharmSciTech, 2018, 19, 3454-3461.	1.5	29
15	Chitosan Coated Microparticles Enhance Simvastatin Colon Targeting and Pro-Apoptotic Activity. Marine Drugs, 2020, 18, 226.	2.2	29
16	Repurposing of Sitagliptin- Melittin Optimized Nanoformula against SARS-CoV-2; Antiviral Screening and Molecular Docking Studies. Pharmaceutics, 2021, 13, 307.	2.0	28
17	Anti-tumor effect of PEG-coated PLGA nanoparticles of febuxostat on A549 non-small cell lung cancer cells. 3 Biotech, 2020, 10, 133.	1.1	24
18	Curcumin-Zein Nanospheres Improve Liver Targeting and Antifibrotic Activity of Curcumin in Carbon Tetrachloride-Induced Mice Liver Fibrosis. Journal of Biomedical Nanotechnology, 2016, 12, 1746-1757.	0.5	23

#	ARTICLE	IF	CITATIONS
19	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, 956.	2.0	23
20	Development and In Vitro Evaluation of 2-Methoxyestradiol Loaded Polymeric Micelles for Enhancing Anticancer Activities in Prostate Cancer. <i>Polymers</i> , 2021, 13, 884.	2.0	23
21	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
22	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
23	&lt;p&gt;Pumpkin Oil&quot;Based Nanostructured Lipid Carrier System for Antiulcer Effect in NSAID-Induced Gastric Ulcer Model in Rats&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 2529-2539.	3.3	21
24	Scorpion Venom-Functionalized Quercetin Phytosomes for Breast Cancer Management: In Vitro Response Surface Optimization and Anticancer Activity against MCF-7 Cells. <i>Polymers</i> , 2022, 14, 93.	2.0	19
25	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.	1.1	18
26	Apamin-Conjugated Alendronate Sodium Nanocomplex for Management of Pancreatic Cancer. <i>Pharmaceutics</i> , 2021, 14, 729.	1.7	18
27	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
28	Ceftriaxone and Melittin Synergistically Promote Wound Healing in Diabetic Rats. <i>Pharmaceutics</i> , 2021, 13, 1622.	2.0	17
29	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
30	Single-Port versus Multiple-Port Robot-Assisted Radical Prostatectomy: A Systematic Review and Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2021, 10, 5723.	1.0	16
31	Optimized Icarin Cubosomes Exhibit Augmented Cytotoxicity against SKOV-3 Ovarian Cancer Cells. <i>Pharmaceutics</i> , 2021, 13, 20.	2.0	15
32	Combined strategy for suppressing breast carcinoma MCF-7 cell lines by loading simvastatin on alpha lipic acid nanoparticles. <i>Expert Opinion on Drug Delivery</i> , 2016, 13, 1653-1660.	2.4	14
33	Evaluation of the Antiviral Activity of Sitagliptin-Glatiramer Acetate Nano-Conjugates against SARS-CoV-2 Virus. <i>Pharmaceutics</i> , 2021, 14, 178.	1.7	14
34	Development of an optimized febuxostat self-nanoemulsified loaded transdermal film: <i>in-vitro</i>, <i>ex-vivo</i> and <i>in-vivo</i> evaluation. <i>Pharmaceutical Development and Technology</i> , 2020, 25, 326-331.	1.1	13
35	New Alpha-Amylase Inhibitory Metabolites from Pericarps of <i>Garcinia mangostana</i> . <i>Life</i> , 2022, 12, 384.	1.1	13
36	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, 4138.	1.8	11

#	ARTICLE	IF	CITATIONS
37	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.	0.1	10
38	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> , 2022, 12, 8.	1.1	10
39	Finasteride-loaded biodegradable nanoparticles: Near-infrared quantification of plasma and prostate levels. <i>Journal of Bioactive and Compatible Polymers</i> , 2017, 32, 557-567.	0.8	9
40	Development of a Novel Pharmaceutical Formula of Nanoparticle Lipid Carriers of Gentamicin/ $\alpha$ -Tocopherol and In Vivo Assessment of the Antioxidant Protective Effect of $\alpha$ -Tocopherol in Gentamicin-Induced Nephrotoxicity. <i>Antibiotics</i> , 2019, 8, 234.	1.5	9
41	Quantification of simvastatin in mice plasma by near-infrared and chemometric analysis of spectral data. <i>Drug Design, Development and Therapy</i> , 2016, Volume 10, 2507-2513.	2.0	8
42	Effect of <i>Nardostachys jatamansi</i> DC. on Apoptosis, Inflammation and Oxidative Stress Induced by Doxorubicin in Wistar Rats. <i>Plants</i> , 2020, 9, 1579.	1.6	8
43	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.	2.6	8
44	Optimized Ellagic Acid-Ca Pectinate Floating Beads for Gastroprotection against Indomethacin-Induced Gastric Injury in Rats. <i>Biomolecules</i> , 2020, 10, 1006.	1.8	7
45	Tailoring Midazolam-Loaded Chitosan Nanoparticulate Formulation for Enhanced Brain Delivery via Intranasal Route. <i>Polymers</i> , 2020, 12, 2589.	2.0	7
46	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.	1.3	7
47	Updates on Molecular and Biochemical Development and Progression of Prostate Cancer. <i>Journal of Clinical Medicine</i> , 2021, 10, 5127.	1.0	7
48	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, 227.	2.0	7
49	Phyto-Phospholipid Conjugated Scorpion Venom Nanovesicles as Promising Carrier That Improves Efficacy of Thymoquinone against Adenocarcinoma Human Alveolar Basal Epithelial Cells. <i>Pharmaceutics</i> , 2021, 13, 2144.	2.0	7
50	Mastoparan, a Peptide Toxin from Wasp Venom Conjugated Fluvastatin Nanocomplex for Suppression of Lung Cancer Cell Growth. <i>Polymers</i> , 2021, 13, 4225.	2.0	6
51	Formulation and Optimization of Avanafil Biodegradable Polymeric Nanoparticles: A Single-Dose Clinical Pharmacokinetic Evaluation. <i>Pharmaceutics</i> , 2020, 12, 596.	2.0	5
52	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.	2.0	4
53	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.	0.1	3
54	Novel Combination of Alprostadil-D-tocopheryl Polyethylene Glycol Succinate for Treatment of Erectile Dysfunction. <i>International Journal of Pharmacology</i> , 2019, 15, 738-744.	0.1	3

#	ARTICLE	IF	CITATIONS
55	Neoadjuvant Therapy Using Checkpoint Inhibitors before Radical Cystectomy for Muscle Invasive Bladder Cancer: A Systematic Review. <i>Journal of Personalized Medicine</i> , 2021, 11, 1195.	1.1	3
56	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.	1.4	3
57	Omeprazole Prevents Colistin-Induced Nephrotoxicity in Rats: Emphasis on Oxidative Stress, Inflammation, Apoptosis and Colistin Accumulation in Kidneys. <i>Pharmaceuticals</i> , 2022, 15, 782.	1.7	2
58	Atorvastatin-TPGS-PLGA Nanoparticles Cytotoxicity Augmentation Against Liver Cancer HepG2 cells. <i>International Journal of Pharmacology</i> , 2020, 16, 79-86.	0.1	1
59	Zein-Stabilized Nanospheres as Nanocarriers for Boosting the Aphrodisiac Activity of Icaritin: Response Surface Optimization and In Vivo Assessment. <i>Pharmaceutics</i> , 2022, 14, 1279.	2.0	1