

# Bandar E Aldhubiab

## List of Publications by Year in descending order

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99  
papers

2,509  
citations

186265

28  
h-index

254184

43  
g-index

99  
all docs

99  
docs citations

99  
times ranked

2606  
citing authors

#	ARTICLE	IF	CITATIONS
1	In vitro techniques to evaluate buccal films. <i>Journal of Controlled Release</i> , 2013, 166, 10-21.	9.9	227
2	High-performance thin layer chromatography: A powerful analytical technique in pharmaceutical drug discovery. <i>Pharmaceutical Methods</i> , 2011, 2, 71-75.	0.4	105
3	Understanding Type 1 Diabetes: Etiology and Models. <i>Canadian Journal of Diabetes</i> , 2013, 37, 269-276.	0.8	71
4	Enhanced oral bioavailability of acyclovir by inclusion complex using hydroxypropyl- $\beta$ -cyclodextrin. <i>Drug Delivery</i> , 2014, 21, 540-547.	5.7	71
5	Formulation and evaluation of nano based drug delivery system for the buccal delivery of acyclovir. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 136, 878-884.	5.0	64
6	Basic considerations in the dermatokinetics of topical formulations. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2013, 49, 423-434.	1.2	59
7	Pharmaceutical applications and phytochemical profile of <i>Cinnamomum burmannii</i> . <i>Pharmacognosy Reviews</i> , 2012, 6, 125.	1.2	55
8	Preparation and evaluation of niosome gel containing acyclovir for enhanced dermal deposition. <i>Journal of Liposome Research</i> , 2017, 27, 283-292.	3.3	53
9	New Benzothiazole-based Thiazolidinones as Potent Antimicrobial Agents. Design, synthesis and Biological Evaluation. <i>Current Topics in Medicinal Chemistry</i> , 2018, 18, 75-87.	2.1	51
10	Clarithromycin Solid Lipid Nanoparticles for Topical Ocular Therapy: Optimization, Evaluation and In Vivo Studies. <i>Pharmaceutics</i> , 2021, 13, 523.	4.5	50
11	Development, optimization, and evaluation of PEGylated brucine-loaded PLGA nanoparticles. <i>Drug Delivery</i> , 2020, 27, 1134-1146.	5.7	48
12	Zotero: A bibliographic assistant to researcher. <i>Journal of Pharmacology and Pharmacotherapeutics</i> , 2011, 2, 304-305.	0.4	47
13	Nanoparticle formulation by $\chi$ B-90 Nano Spray Dryer for oral mucoadhesion. <i>Drug Design, Development and Therapy</i> , 2015, 9, 273.	4.3	45
14	Molecular modeling studies and anti-TB activity of trisubstituted indolizine analogues; molecular docking and dynamic inputs. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018, 36, 2163-2178.	3.5	43
15	Development and evaluation of buccal films impregnated with selegiline-loaded nanospheres. <i>Drug Delivery</i> , 2016, 23, 2154-2162.	5.7	42
16	Graphene-based hybrid nanoparticle of doxorubicin for cancer chemotherapy. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 7419-7429.	6.7	42
17	Proniosomal gel for transdermal delivery of lornoxicam: optimization using factorial design and in vivo evaluation in rats. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2019, 27, 59-70.	2.0	42
18	Development of Asialoglycoprotein Receptor-Targeted Nanoparticles for Selective Delivery of Gemcitabine to Hepatocellular Carcinoma. <i>Molecules</i> , 2019, 24, 4566.	3.8	42

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19	Synthesis and Structural Elucidation of Novel Benzothiazole Derivatives as Anti-tubercular Agents: In-silico Screening for Possible Target Identification. <i>Medicinal Chemistry</i> , 2019, 15, 311-326.	1.5	41
20	Loratidine buccal films for allergic rhinitis: development and evaluation. <i>Drug Development and Industrial Pharmacy</i> , 2014, 40, 625-631.	2.0	40
21	Design, synthesis, and characterization of (1-(4-aryl)-1H-1,2,3-triazol-4-yl)methyl, substituted phenyl-6-methyl-2-oxo-1,2,3,4-tetrahydropyrimidine-5-carboxylates against <i>Mycobacterium tuberculosis</i> . <i>Drug Design, Development and Therapy</i> , 2016, Volume 10, 2681-2690.	4.3	39
22	Vesicular Emulgel Based System for Transdermal Delivery of Insulin: Factorial Design and in Vivo Evaluation. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5341.	2.5	34
23	Validation of rapid RP-HPLC method for concurrent quantification of amlodipine and celecoxib in pure and formulation using an experimental design. <i>Microchemical Journal</i> , 2020, 152, 104365.	4.5	33
24	Efficient synthesis and characterization of novel indolizines: exploration of <i>in vitro</i> COX-2 inhibitory activity and molecular modelling studies. <i>New Journal of Chemistry</i> , 2018, 42, 4893-4901.	2.8	32
25	Anti-Tubercular Activity of Substituted 7-Methyl and 7-Formylindolizines and In Silico Study for Prospective Molecular Target Identification. <i>Antibiotics</i> , 2019, 8, 247.	3.7	32
26	Formulation and Evaluation of Chitosan-Based Buccal Bioadhesive Films of Zolmitriptan. <i>Journal of Pharmaceutical Innovation</i> , 2018, 13, 133-143.	2.4	31
27	Experimental design, formulation and in vivo evaluation of a novel topical in situ gel system to treat ocular infections. <i>PLoS ONE</i> , 2021, 16, e0248857.	2.5	31
28	Cytotoxicity and Antimycobacterial Properties of Pyrrolo[1,2-a]quinoline Derivatives: Molecular Target Identification and Molecular Docking Studies. <i>Antibiotics</i> , 2020, 9, 233.	3.7	30
29	Computational, crystallographic studies, cytotoxicity and anti-tubercular activity of substituted 7-methoxy-indolizine analogues. <i>PLoS ONE</i> , 2019, 14, e0217270.	2.5	29
30	HPMC- and PLGA-Based Nanoparticles for the Mucoadhesive Delivery of Sitagliptin: Optimization and In Vivo Evaluation in Rats. <i>Materials</i> , 2019, 12, 4239.	2.9	29
31	Development and evaluation of palonosetron loaded mucoadhesive buccal films. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 47, 351-358.	3.0	28
32	Effective Therapeutic Delivery and Bioavailability Enhancement of Pioglitazone Using Drug in Adhesive Transdermal Patch. <i>Pharmaceutics</i> , 2019, 11, 359.	4.5	28
33	Mucoadhesive buccal film of almotriptan improved therapeutic delivery in rabbit model. <i>Saudi Pharmaceutical Journal</i> , 2020, 28, 201-209.	2.7	27
34	Brucine PEGylated nanoemulsion: In vitro and in vivo evaluation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 608, 125618.	4.7	27
35	In silico Design and Synthesis of Tetrahydropyrimidinones and Tetrahydropyrimidinethiones as Potential Thymidylate Kinase Inhibitors Exerting Anti-TB Activity Against <i>Mycobacterium tuberculosis</i> . <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 1027-1039.	4.3	26
36	Simultaneous determination of moxifloxacin and cefixime by first and ratio first derivative ultraviolet spectrophotometry. <i>Chemistry Central Journal</i> , 2012, 6, 105.	2.6	25

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37	Benzothiazole analogs as potential anti-TB agents: computational input and molecular dynamics. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 1830-1842.	3.5	25
38	Design and formulation of mucoadhesive microspheres of sitagliptin. <i>Journal of Microencapsulation</i> , 2013, 30, 257-264.	2.8	24
39	Gellan Gum-Based Hydrogel for the Transdermal Delivery of Nebivolol: Optimization and Evaluation. <i>Polymers</i> , 2019, 11, 1699.	4.5	24
40	Efficient Synthesis and Characterization of Novel Substituted 3-Benzoylindolizine Analogues via the Cyclization of Aromatic Cycloimmoniumylides with Electrondeficient Alkenes. <i>Current Organic Synthesis</i> , 2018, 15, 388-395.	1.3	24
41	Anti-tubercular activity and molecular docking studies of indolizine derivatives targeting mycobacterial InhA enzyme. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021, 36, 1471-1486.	5.2	23
42	Design, Synthesis, Evaluation of Antimicrobial Activity and Docking Studies of New Thiazole-based Chalcones. <i>Current Topics in Medicinal Chemistry</i> , 2019, 19, 356-375.	2.1	23
43	Simultaneous Determination of Metformin and Three Gliptins in Pharmaceutical Formulations Using RP HPLC: Application to Stability Studies on Linagliptin Tablet Formulation. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2014, 48, 45-53.	0.6	23
44	Evaluation of Halogenated Coumarins for Antimosquito Properties. <i>Scientific World Journal</i> , The, 2014, 2014, 1-6.	2.1	22
45	Mechanisms of Antidiabetic Activity of Methanolic Extract of Punica granatum Leaves in Nicotinamide/Streptozotocin-Induced Type 2 Diabetes in Rats. <i>Plants</i> , 2020, 9, 1609.	3.5	22
46	Development of Mucoadhesive Buccal Film for Rizatriptan: In Vitro and In Vivo Evaluation. <i>Pharmaceutics</i> , 2021, 13, 728.	4.5	22
47	Novel Series of Methyl 3-(Substituted Benzoyl)-7-Substituted-2-Phenylindolizine-1-Carboxylates as Promising Anti-Inflammatory Agents: Molecular Modeling Studies. <i>Biomolecules</i> , 2019, 9, 661.	4.0	21
48	Design, synthesis, and computational studies on dihydropyrimidine scaffolds as potential lipoxygenase inhibitors and cancer chemopreventive agents. <i>Drug Design, Development and Therapy</i> , 2015, 9, 911.	4.3	20
49	Formulation and Evaluation of Self-Nanoemulsifying Drug Delivery System Derived Tablet Containing Sertraline. <i>Pharmaceutics</i> , 2022, 14, 336.	4.5	20
50	Development of a rapid reversed phase-high performance liquid chromatography method for simultaneous determination of metformin and vildagliptin in formulation and human plasma. <i>Journal of Young Pharmacists</i> , 2014, 6, 40-46.	0.2	19
51	Enhanced oral bioavailability of calcium using bovine serum albumin microspheres. <i>Drug Delivery</i> , 2012, 19, 277-285.	5.7	18
52	Development of liquid chromatographic method for the simultaneous determination of metformin and miglitol in human plasma: application to pharmacokinetic studies. <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 1629-1636.	2.2	18
53	Development and Validation of Green UV Derivative Spectrophotometric Methods for Simultaneous Determination Metformin and Remogliflozin from Formulation: Evaluation of Greenness. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 448.	2.6	18
54	In vitro and in vivo evaluation of nano-based films for buccal delivery of zolpidem. <i>Brazilian Oral Research</i> , 2016, 30, e126.	1.4	17

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55	Aripiprazole Nanocrystal Impregnated Buccoadhesive Films for Schizophrenia. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 2345-2352.	0.9	17
56	Carbopol 934-P Loaded with Vildagliptin for Diabetic Delivery: In Vitro and In Vivo Evaluation of Nanoparticles. <i>Current Nanoscience</i> , 2013, 9, 642-647.	1.2	17
57	Intranasal Delivery of Darunavir-Loaded Mucoadhesive In Situ Gel: Experimental Design, In Vitro Evaluation, and Pharmacokinetic Studies. <i>Gels</i> , 2022, 8, 342.	4.5	17
58	Larvicidal Activities of 2-Aryl-2,3-Dihydroquinazolin -4-ones against Malaria Vector <i>Anopheles arabiensis</i> , In Silico ADMET Prediction and Molecular Target Investigation. <i>Molecules</i> , 2020, 25, 1316.	3.8	16
59	pH and Salt Responsive Hydrogel based on Guar Gum as a Renewable Material for Delivery of Curcumin: A Natural Anti-Cancer Drug. <i>Journal of Polymers and the Environment</i> , 2021, 29, 1978-1989.	5.0	16
60	Pharmacokinetics and tissue distribution of spray-dried carboplatin microspheres: lung targeting via intravenous route. <i>Archives of Pharmacal Research</i> , 2014, 37, 352-360.	6.3	15
61	Influence of skin permeation enhancers on the transdermal delivery of palonosetron: An in vitro evaluation. <i>Journal of Applied Biomedicine</i> , 2018, 16, 192-197.	1.7	15
62	&lt;p&gt;An Efficient, Lung-Targeted, Drug-Delivery System To Treat Asthma Via Microparticles&lt;/p&gt;. <i>Drug Design, Development and Therapy</i> , 2019, Volume 13, 4389-4403.	4.3	15
63	Multivesicular Liposome: A Lipid-based Drug Delivery System for Efficient Drug Delivery. <i>Current Pharmaceutical Design</i> , 2021, 27, 4404-4415.	1.9	15
64	Poly(lactic acid-co-glycolic acid) Nanospheres Improved the Oral Delivery of Candesartan Cilexetil. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2017, 51, 571-579.	0.6	15
65	Mucoadhesive Particles: A Novel, Prolonged-Release Nanocarrier of Sitagliptin for the Treatment of Diabetics. <i>BioMed Research International</i> , 2019, 2019, 1-9.	1.9	14
66	Skin uptake and clearance of ciclopirox following topical application. <i>Biopharmaceutics and Drug Disposition</i> , 2013, 34, 540-549.	1.9	13
67	Crystallography, in Silico Studies, and In Vitro Antifungal Studies of 2,4,5 Trisubstituted 1,2,3-Triazole Analogues. <i>Antibiotics</i> , 2020, 9, 350.	3.7	13
68	Constant Voltage Iontophoresis Technique to Deliver Terbinafine via Transungual Delivery System: Formulation Optimization Using Box&acirc;Behnken Design and In Vitro Evaluation. <i>Pharmaceutics</i> , 2021, 13, 1692.	4.5	13
69	Development of UV Spectrophotometric Procedures for Determination of Amlodipine and Celecoxib in Formulation: Use of Scaling Factor to Improve the Sensitivity. <i>Journal of Spectroscopy</i> , 2019, 2019, 1-10.	1.3	12
70	Mucoadhesive Film Embedded with Acyclovir Loaded Biopolymeric Nanoparticles: In vitro Studies. <i>Journal of Young Pharmacists</i> , 2017, 9, 100-105.	0.2	12
71	&lt;p&gt;Immobilization studies of <i>Candida Antarctica</i> lipase B on gallic acid resin-grafted magnetic iron oxide nanoparticles&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 3235-3244.	6.7	11
72	Novel Drying Technology of Microsphere and Its Evaluation for Targeted Drug Delivery for Lungs. <i>Drying Technology</i> , 2015, 33, 502-512.	3.1	10

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73	An Approach to Enhance Dissolution Rate of Tamoxifen Citrate. BioMed Research International, 2019, 2019, 1-11.	1.9	10
74	Epoxy functionalized polymer grafted magnetic nanoparticles by facile surface initiated polymerization for immobilization studies of Candida Antarctica lipase B. Reactive and Functional Polymers, 2020, 147, 104454.	4.1	10
75	Crystallography, Molecular Modeling, and COX-2 Inhibition Studies on Indolizine Derivatives. Molecules, 2021, 26, 3550.	3.8	10
76	Determination on Vildagliptin in Rat Plasma by Capillary Electrophoresis Tandem Mass Spectrometry: It's Application to Pharmacokinetic Study. Indian Journal of Pharmaceutical Education and Research, 2017, 51, 636-643.	0.6	10
77	Development of Ecofriendly Derivative Spectrophotometric Methods for the Simultaneous Quantitative Analysis of Remogliflozin and Vildagliptin from Formulation. Molecules, 2021, 26, 6160.	3.8	10
78	Enhancement of Anticorrosive Performance of Cardanol Based Polyurethane Coatings by Incorporating Magnetic Hydroxyapatite Nanoparticles. Materials, 2022, 15, 2308.	2.9	10
79	A comprehensive study to evaluate the effect of constant low voltage iontophoresis on transungual delivery. Drug Development and Industrial Pharmacy, 2013, 39, 807-815.	2.0	8
80	Noninvasive Sampling of Gabapentin by Reverse Iontophoresis. Pharmaceutical Research, 2015, 32, 1417-1424.	3.5	8
81	4-Aryl-1,4-Dihydropyridines as Potential Enoyl-Acyl Carrier Protein Reductase Inhibitors: Antitubercular Activity and Molecular Docking Study. Current Topics in Medicinal Chemistry, 2021, 21, 295-306.	2.1	8
82	Basic Concepts of Nanoemulsion and its Potential application in Pharmaceutical, Cosmeceutical and Nutraceutical fields. Research Journal of Pharmacy and Technology, 2021, , 3938-3946.	0.8	8
83	Formulation and In Vitro Evaluation of Gelatin Nanospheres for the Oral Delivery of Selegiline. Current Nanoscience, 2013, 9, 21-25.	1.2	7
84	An Effective Delivery System of Sitagliptin Using Optimized Mucoadhesive Nanoparticles. Applied Sciences (Switzerland), 2018, 8, 861.	2.5	7
85	The Beneficial Effect of Boswellic Acid on Bone Metabolism and Possible Mechanisms of Action in Experimental Osteoporosis. Nutrients, 2020, 12, 3186.	4.1	7
86	Novel Preparation and Effective Delivery of Mucoadhesive Nanoparticles Containing Anti-diabetic Drug. Indian Journal of Pharmaceutical Education and Research, 2019, 53, s43-s49.	0.6	7
87	Assessment of Pharmacokinetic Interaction of Spirulina with Glitazone in a Type 2 Diabetes Rat Model. Journal of Medicinal Food, 2013, 16, 1095-1100.	1.5	6
88	Development of Transdermal Delivery System of Vildagliptin and Its Comparison with Oral Therapy.. Indian Journal of Pharmaceutical Education and Research, 2016, 50, 130-137.	0.6	6
89	Development and Evaluation of a (SEDDS) Self - Emulsifying Drug Delivery System for Darifenacin Hydrobromide. Indian Journal of Pharmaceutical Education and Research, 2019, 53, s204-s212.	0.6	6
90	Development and Evaluation of a Novel Drug in Adhesive Transdermal System of Levodopa and Carbidopa. Journal of Pharmaceutical Innovation, 2014, 9, 302-308.	2.4	5

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91	Design, Synthesis, and In Vitro Evaluation of Novel Indolyl DiHydropyrazole Derivatives as Potential Anticancer Agents. <i>Molecules</i> , 2021, 26, 5235.	3.8	3
92	Paclitaxel loaded poly (DL lactic acid co castor oil) 60:40 with poloxamerâ€F68 rod shape cylindrical nanoparticle preparation and in vitro cytotoxicity studies. <i>Polymers for Advanced Technologies</i> , 2019, 30, 2613-2622.	3.2	2
93	Mucoadhesive buccal films embedded with antiviral drug loaded nanospheres. <i>Turkish Journal of Pharmaceutical Sciences</i> , 2016, 13, 105-123.	1.4	2
94	Evaluation of the Potential of National Sharing of a Unified Progress Test Among Colleges of Pharmacy in the Kingdom of Saudi Arabia. <i>Advances in Medical Education and Practice</i> , 2021, Volume 12, 1465-1475.	1.5	1
95	Comparative in vitro antioxidant evaluation of different extracts of <i>Camellia sinensis</i> leaves from different geographical locations. <i>Pharmacognosy Journal</i> , 2012, 4, 44-46.	0.8	0
96	Formulation and In Vitro Evaluation of Gelatin Nanospheres for the Oral Delivery of Selegiline. <i>Current Nanoscience</i> , 2013, 9, 21-25.	1.2	0
97	SPECT-CT to study the biodistribution of orally administered <sup>99m</sup> Tc-labeled spraydried gelatin nanospheres. , 2013, , .		0
98	Fabrication of Triprolidineâ™HCl Transdermal Drug Delivery System and Pharmacokinetic Studies. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2020, 54, s512-s520.	0.6	0
99	Standardization of topical preparations for fingerâ€tip unitâ€ Awareness and attitudes among pharmacists and dermatologists and suggestions to improve standardization of topical drug dosingâ€ A twoâ€phase crossâ€sectional survey. <i>Journal of Cosmetic Dermatology</i> , 2021, , .	1.6	0