

# Hani Al-Salami

## List of Publications by Year in descending order

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Version: 2024-02-01

160  
papers

4,414  
citations

101543

36  
h-index

149698

56  
g-index

162  
all docs

162  
docs citations

162  
times ranked

3756  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inflammatory bowel disease: clinical aspects and treatments. <i>Journal of Inflammation Research</i> , 2014, 7, 113.	3.5	321
2	Microparticles, microcapsules and microspheres: A review of recent developments and prospects for oral delivery of insulin. <i>International Journal of Pharmaceutics</i> , 2018, 537, 223-244.	5.2	206
3	Potential of insulin nanoparticle formulations for oral delivery and diabetes treatment. <i>Journal of Controlled Release</i> , 2017, 264, 247-275.	9.9	179
4	Bile Acids and Their Derivatives as Potential Modifiers of Drug Release and Pharmacokinetic Profiles. <i>Frontiers in Pharmacology</i> , 2018, 9, 1283.	3.5	159
5	Blood-Brain Barrier Dysfunction Precedes Cognitive Decline and Neurodegeneration in Diabetic Insulin Resistant Mouse Model: An Implication for Causal Link. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 399.	3.4	108
6	Oral insulin delivery: existing barriers and current counter-strategies. <i>Journal of Pharmacy and Pharmacology</i> , 2018, 70, 197-213.	2.4	103
7	Probiotic treatment reduces blood glucose levels and increases systemic absorption of gliclazide in diabetic rats. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2008, 33, 101-106.	1.6	102
8	Recent advancements in oral administration of insulin-loaded liposomal drug delivery systems for diabetes mellitus. <i>International Journal of Pharmaceutics</i> , 2018, 549, 201-217.	5.2	80
9	Pharmacological Applications of Bile Acids and Their Derivatives in the Treatment of Metabolic Syndrome. <i>Frontiers in Pharmacology</i> , 2018, 9, 1382.	3.5	78
10	A Systematic Review of the Valproic-Acid-Induced Rodent Model of Autism. <i>Developmental Neuroscience</i> , 2020, 42, 12-48.	2.0	76
11	Influence of the semisynthetic bile acid MKC on the ileal permeation of gliclazide in vitro in healthy and diabetic rats treated with probiotics. <i>Methods and Findings in Experimental and Clinical Pharmacology</i> , 2008, 30, 107.	0.8	60
12	Stability and Release Kinetics of an Advanced Gliclazide-Cholic Acid Formulation: The Use of Artificial-Cell Microencapsulation in Slow Release Targeted Oral Delivery of Antidiabetics. <i>Journal of Pharmaceutical Innovation</i> , 2014, 9, 150-157.	2.4	58
13	An advanced microencapsulated system: a platform for optimized oral delivery of antidiabetic drug-bile acid formulations. <i>Pharmaceutical Development and Technology</i> , 2015, 20, 702-709.	2.4	56
14	Probiotic Pre-treatment Reduces Gliclazide Permeation ( <i>ex vivo</i> ) in Healthy Rats but Increases It in Diabetic Rats to the Level Seen in Untreated Healthy Rats. <i>Archives of Drug Information</i> , 2008, 1, 35-41.	1.6	55
15	C2C12 cell model: its role in understanding of insulin resistance at the molecular level and pharmaceutical development at the preclinical stage. <i>Journal of Pharmacy and Pharmacology</i> , 2020, 72, 1667-1693.	2.4	53
16	Applications of superparamagnetic iron oxide nanoparticles in drug and therapeutic delivery, and biotechnological advancements. <i>Beilstein Journal of Nanotechnology</i> , 2020, 11, 1092-1109.	2.8	52
17	Characterization of a novel bile acid-based delivery platform for microencapsulated pancreatic $\beta$ -cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 194-200.	2.8	50
18	Antimicrobial efficacy of nisin-loaded bacterial cellulose nanocrystals against selected meat spoilage lactic acid bacteria. <i>Carbohydrate Polymers</i> , 2021, 251, 117096.	10.2	50

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19	Swelling, mechanical strength, and release properties of probucol microcapsules with and without a bile acid, and their potential oral delivery in diabetes. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 1290-1297.	2.8	49
20	The effect of a tertiary bile acid, taurocholic acid, on the morphology and physical characteristics of microencapsulated probucol: potential applications in diabetes: a characterization study. <i>Drug Delivery and Translational Research</i> , 2015, 5, 511-522.	5.8	48
21	Probuco Release from Novel Multicompartmental Microcapsules for the Oral Targeted Delivery in Type 2 Diabetes. <i>AAPS PharmSciTech</i> , 2015, 16, 45-52.	3.3	47
22	Multicompartmental, multilayered probucol microcapsules for diabetes mellitus: Formulation characterization and effects on production of insulin and inflammation in a pancreatic $\beta^2$ -cell line. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 1642-1653.	2.8	47
23	The role of chitosan on oral delivery of peptide-loaded nanoparticle formulation. <i>Journal of Drug Targeting</i> , 2018, 26, 551-562.	4.4	47
24	Development and validation of a new analytical HPLC method for simultaneous determination of the antidiabetic drugs, metformin and gliclazide. <i>Journal of Food and Drug Analysis</i> , 2019, 27, 315-322.	1.9	47
25	Advanced bile acid-based multi-compartmental microencapsulated pancreatic $\beta^2$ -cells integrating a polyelectrolyte-bile acid formulation, for diabetes treatment. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 588-595.	2.8	45
26	Deoxycholic Acid as a Modifier of the Permeation of Gliclazide through the Blood Brain Barrier of a Rat. <i>Journal of Diabetes Research</i> , 2013, 2013, 1-8.	2.3	44
27	Probuco prevents blood-brain barrier dysfunction and cognitive decline in mice maintained on pro-diabetic diet. <i>Diabetes and Vascular Disease Research</i> , 2019, 16, 87-97.	2.0	44
28	Designing anti-diabetic $\beta^2$ -cells microcapsules using polystyrenic sulfonate, polyallylamine, and a tertiary bile acid: Morphology, bioenergetics, and cytokine analysis. <i>Biotechnology Progress</i> , 2016, 32, 501-509.	2.6	43
29	The influence of 3 $\beta$ ,7 $\beta$ -dihydroxy-12-keto-5 $\beta$ -cholanate on gliclazide pharmacokinetics and glucose levels in a rat model of diabetes. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2008, 33, 137-142.	1.6	42
30	Gliclazide reduces MKC intestinal transport in healthy but not diabetic rats. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2009, 34, 43-50.	1.6	42
31	Novel chenodeoxycholic acid-sodium alginate matrix in the microencapsulation of the potential antidiabetic drug, probucol. An <i>in vitro</i> study. <i>Journal of Microencapsulation</i> , 2015, 32, 589-597.	2.8	42
32	The biological effects of the hypolipidaemic drug probucol microcapsules fed daily for 4 weeks, to an insulin-resistant mouse model: potential hypoglycaemic and anti-inflammatory effects. <i>Drug Delivery and Translational Research</i> , 2018, 8, 543-551.	5.8	42
33	Probiotics decreased the bioavailability of the bile acid analog, monoketocholeic acid, when coadministered with gliclazide, in healthy but not diabetic rats. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2012, 37, 99-108.	1.6	41
34	Bile acid bio-nanoencapsulation improved drug targeted-delivery and pharmacological effects via cellular flux: 6-months diabetes preclinical study. <i>Scientific Reports</i> , 2020, 10, 106.	3.3	41
35	Influence of the semisynthetic bile acid (MKC) on the ileal permeation of gliclazide in healthy and diabetic rats. <i>Pharmacological Reports</i> , 2008, 60, 532-41.	3.3	39
36	Release and swelling studies of an innovative antidiabetic-bile acid microencapsulated formulation, as a novel targeted therapy for diabetes treatment. <i>Journal of Microencapsulation</i> , 2015, 32, 151-156.	2.8	38

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37	The incorporation of water-soluble gel matrix into bile acid-based microcapsules for the delivery of viable $\beta^2$ -cells of the pancreas, in diabetes treatment: biocompatibility and functionality studies. <i>Drug Delivery and Translational Research</i> , 2016, 6, 17-23.	5.8	35
38	The Influence of Stabilized Deconjugated Ursodeoxycholic Acid on Polymer-Hydrogel System of Transplantable NIT-1 Cells. <i>Pharmaceutical Research</i> , 2016, 33, 1182-1190.	3.5	34
39	The Effects of Ionic Gelation- Vibrational Jet Flow Technique in Fabrication of Microcapsules Incorporating $\beta^2$ -cell: Applications in Diabetes. <i>Current Diabetes Reviews</i> , 2016, 13, 91-96.	1.3	33
40	Microencapsulation as a novel delivery method for the potential antidiabetic drug, Probuco. <i>Drug Design, Development and Therapy</i> , 2014, 8, 1221.	4.3	32
41	Primary Bile Acid Chenodeoxycholic Acid-Based Microcapsules to Examine $\beta^2$ -cell Survival and the Inflammatory Response. <i>BioNanoScience</i> , 2016, 6, 103-109.	3.5	32
42	Flow vibration-doubled concentric system coupled with low ratio amine to produce bile acid-microcapsules of $\beta^2$ -cells. <i>Therapeutic Delivery</i> , 2016, 7, 171-178.	2.2	32
43	Alginate-based drug oral targeting using bio-micro/nano encapsulation technologies. <i>Expert Opinion on Drug Delivery</i> , 2020, 17, 1361-1376.	5.0	31
44	Novel artificial cell microencapsulation of a complex gliclazide-deoxycholic bile acid formulation: a characterization study. <i>Drug Design, Development and Therapy</i> , 2014, 8, 1003.	4.3	30
45	Mammary Gland Pathology Subsequent to Acute Infection with Strong versus Weak Biofilm Forming <i>Staphylococcus aureus</i> Bovine Mastitis Isolates: A Pilot Study Using Non-Invasive Mouse Mastitis Model. <i>PLoS ONE</i> , 2017, 12, e0170668.	2.5	30
46	Micro-Nano formulation of bile-gut delivery: rheological, stability and cell survival, basal and maximum respiration studies. <i>Scientific Reports</i> , 2020, 10, 7715.	3.3	30
47	Bioavailability and hypoglycemic activity of the semisynthetic bile acid salt, sodium 3 $\beta$ ,7 $\beta$ -dihydroxy-12-OXO-5 $\beta$ -cholanate, in healthy and diabetic rats. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2007, 32, 7-12.	1.6	29
48	A comprehensive study of novel microcapsules incorporating gliclazide and a permeation enhancing bile acid: hypoglycemic effect in an animal model of Type-1 diabetes. <i>Drug Delivery</i> , 2016, 23, 2869-2880.	5.7	29
49	Lamotrigine and valproate pharmacokinetics interactions in epileptic patients. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2009, 34, 93-99.	1.6	28
50	Viability and topographical analysis of microencapsulated $\beta^2$ -cells exposed to a biotransformed tertiary bile acid: an ex vivo study. <i>International Journal of Nano and Biomaterials</i> , 2016, 6, 74.	0.1	28
51	Innovative Microcapsules for Pancreatic $\beta^2$ -Cells Harvested from Mature Double-Transgenic Mice: Cell Imaging, Viability, Induced Glucose-Stimulated Insulin Measurements and Proinflammatory Cytokines Analysis. <i>Pharmaceutical Research</i> , 2017, 34, 1217-1223.	3.5	28
52	Pharmacological effects of nanoencapsulation of human-based dosing of probuconol on ratio of secondary to primary bile acids in gut, during induction and progression of type 1 diabetes. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 748-754.	2.8	28
53	An optimized probuconol microencapsulated formulation integrating a secondary bile acid (deoxycholic) Tj ETQq1 1 0,784314 rgBT /Over	4.3	27
54	Electrokinetic potential-stabilization by bile acid-microencapsulating formulation of pancreatic $\beta^2$ -cells cultured in high ratio poly-L-ornithine-gel hydrogel colloidal dispersion: applications in cell-biomaterials, tissue engineering and biotechnological applications. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1156-1162.	2.8	27

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55	Sodium alginate capsulation increased brain delivery of probucol and suppressed neuroinflammation and neurodegeneration. <i>Therapeutic Delivery</i> , 2018, 9, 703-709.	2.2	27
56	Semisynthetic bile acids: a new therapeutic option for metabolic syndrome. <i>Pharmacological Research</i> , 2019, 146, 104333.	7.1	27
57	Formulation and characterisation of insulin-loaded chitosan nanoparticles capable of inducing glucose uptake in skeletal muscle cells in vitro. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 57, 101738.	3.0	27
58	The role of the bile acid chenodeoxycholic acid in the targeted oral delivery of the anti-diabetic drug gliclazide, and its applications in type 1 diabetes. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 1508-1519.	2.8	26
59	Blood-brain barrier disturbances in diabetes-associated dementia: Therapeutic potential for cannabinoids. <i>Pharmacological Research</i> , 2019, 141, 291-297.	7.1	26
60	Long-Term Supplementation of Microencapsulated ursodeoxycholic Acid Prevents Hypertension in a Mouse Model of Insulin Resistance. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2017, 125, 28-32.	1.2	25
61	Pharmacological and Advanced Cell Respiration Effects, Enhanced by Toxic Human-Bile Nano-Pharmaceuticals of Probuco Cell-Targeting Formulations. <i>Pharmaceutics</i> , 2020, 12, 708.	4.5	25
62	Lyophilisation Improves Bioactivity and Stability of Insulin-Loaded Polymeric-Oligonucleotide Nanoparticles for Diabetes Treatment. <i>AAPS PharmSciTech</i> , 2020, 21, 108.	3.3	24
63	Biological Assessments of Encapsulated Pancreatic $\beta$ -Cells: Their Potential Transplantation in Diabetes. <i>Cellular and Molecular Bioengineering</i> , 2016, 9, 530-537.	2.1	23
64	Antihypertensive agents do not prevent blood-brain barrier dysfunction and cognitive deficits in dietary-induced obese mice. <i>International Journal of Obesity</i> , 2017, 41, 926-934.	3.4	23
65	Potential Applications of Gliclazide in Treating Type 1 Diabetes Mellitus: Formulation with Bile Acids and Probiotics. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2018, 43, 269-280.	1.6	23
66	Bio-nanotechnological advancement of orally administered insulin nanoparticles: Comprehensive review of experimental design for physicochemical characterization. <i>International Journal of Pharmaceutics</i> , 2019, 572, 118720.	5.2	23
67	Transit Time Affects the Community Stability of <i>Lactobacillus</i> and <i>Bifidobacterium</i> Species in an <i>In Vitro</i> Model of Human Colonic Microbiota. <i>Artificial Cells, Blood Substitutes, and Biotechnology</i> , 2011, 39, 351-356.	0.9	22
68	The impact of allylamine-bile acid combinations on cell delivery microcapsules in diabetes. <i>Journal of Microencapsulation</i> , 2016, 33, 569-574.	2.8	22
69	Novel nano-encapsulation of probucol in microgels: scanning electron micrograph characterizations, buoyancy profiling, and antioxidant assay analyses. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 741-747.	2.8	22
70	The emerging role of bile acids as critical components in nanotechnology and bioengineering: Pharmacology, formulation optimizers and hydrogel-biomaterial applications. <i>Biomaterials</i> , 2022, 283, 121459.	11.4	22
71	Alginate-deoxycholic Acid Interaction and Its Impact on Pancreatic $\beta$ -Cells and Insulin Secretion and Potential Treatment of Type 1 Diabetes. <i>Journal of Pharmaceutical Innovation</i> , 2016, 11, 156-161.	2.4	21
72	Alginate-combined cholic acid increased insulin secretion of microencapsulated mouse cloned pancreatic $\beta$ cells. <i>Therapeutic Delivery</i> , 2017, 8, 833-842.	2.2	21

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73	Eudragit®-based microcapsules of probucol with a gut-bacterial processed secondary bile acid. <i>Therapeutic Delivery</i> , 2018, 9, 811-821.	2.2	21
74	New Biotechnological Microencapsulating Methodology Utilizing Individualized Gradient-Screened Jet Laminar Flow Techniques for Pancreatic $\beta$ -Cell Delivery: Bile Acids Support Cell Energy-Generating Mechanisms. <i>Molecular Pharmaceutics</i> , 2017, 14, 2711-2718.	4.6	20
75	Stability and biological testing of taurine-conjugated bile acid antioxidant microcapsules for diabetes treatment. <i>Therapeutic Delivery</i> , 2019, 10, 99-106.	2.2	19
76	The roles of bile acids and applications of microencapsulation technology in treating Type 1 diabetes mellitus. <i>Therapeutic Delivery</i> , 2017, 8, 401-409.	2.2	18
77	Influence of Biotechnological Processes, Speed of Formulation Flow and Cellular Concurrent Stream-Integration on Insulin Production from $\beta$ -cells as a Result of Co-Encapsulation with a Highly Lipophilic Bile Acid. <i>Cellular and Molecular Bioengineering</i> , 2018, 11, 65-75.	2.1	18
78	The effect of molecular weights of microencapsulating polymers on viability of mouse-cloned pancreatic $\beta$ -cells: biomaterials, osmotic forces and potential applications in diabetes treatment. <i>Pharmaceutical Development and Technology</i> , 2018, 23, 145-150.	2.4	18
79	Environmental Transformation of Pharmaceutical Formulations: A Scientific Review. <i>Archives of Environmental Contamination and Toxicology</i> , 2019, 77, 155-161.	4.1	18
80	Use of Artificial Cell Microcapsule Containing Thalidomide for Treating TNBS-induced Crohn's Disease in Mice. <i>Current Drug Delivery</i> , 2014, 11, 146-153.	1.6	17
81	Drug Permeation across the Blood-Brain Barrier: Applications of Nanotechnology. <i>British Journal of Medicine and Medical Research</i> , 2015, 6, 547-556.	0.2	17
82	Diabetes development increased concentrations of the conjugated bile acid, taurocholic acid in serum, while treatment with microencapsulated-taurocholic acid exerted no hypoglycaemic effects. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 106, 1-9.	4.0	17
83	A second-generation micro/nano capsules of an endogenous primary un-metabolised bile acid, stabilized by Eudragit-alginate complex with antioxidant compounds. <i>Saudi Pharmaceutical Journal</i> , 2020, 28, 165-171.	2.7	17
84	A Review on Recent Advancement on Age-Related Hearing Loss: The Applications of Nanotechnology, Drug Pharmacology, and Biotechnology. <i>Pharmaceutics</i> , 2021, 13, 1041.	4.5	17
85	Oral gavage of nano-encapsulated conjugated acrylic acid-bile acid formulation in type 1 diabetes altered pharmacological profile of bile acids, and improved glycaemia and suppressed inflammation. <i>Pharmacological Reports</i> , 2020, 72, 368-378.	3.3	16
86	Quantification of BSA-loaded chitosan/oligonucleotide nanoparticles using reverse-phase high-performance liquid chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 6991-7006.	3.7	15
87	PAMPA model of gliclazide permeability: The impact of probiotic bacteria and bile acids. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 158, 105668.	4.0	15
88	A novel biocompatible polymeric blend for applications requiring high toughness and tailored degradation rate. <i>Journal of Materials Chemistry B</i> , 2021, 9, 2532-2546.	5.8	15
89	Cellular assays and applied technologies for characterisation of orally administered protein nanoparticles: a systematic review. <i>Journal of Drug Targeting</i> , 2020, 28, 585-599.	4.4	14
90	Effectiveness of gelatine and chitosan spray coating for extending shelf life of vacuum-packaged beef. <i>International Journal of Food Science and Technology</i> , 2021, 56, 4026-4037.	2.7	14



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91	Advancements in Assessments of Bio-Tissue Engineering and Viable Cell Delivery Matrices Using Bile Acid-Based Pharmacological Biotechnologies. <i>Nanomaterials</i> , 2021, 11, 1861.	4.1	14
92	Modulatory Nano/Micro Effects of Diabetes Development on Pharmacology of Primary and Secondary Bile Acids Concentrations. <i>Current Diabetes Reviews</i> , 2020, 16, 900-909.	1.3	14
93	DPP-4 Inhibitors: Renoprotective Potential and Pharmacokinetics in Type 2 Diabetes Mellitus Patients with Renal Impairment. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2020, 45, 1-14.	1.6	13
94	Effectiveness of bacterial cellulose in controlling purge accumulation and improving physicochemical, microbiological, and sensorial properties of vacuum-packaged beef. <i>Journal of Food Science</i> , 2020, 85, 2153-2163.	3.1	13
95	<p>Bio Micro-Nano Technologies of Antioxidants Optimised Their Pharmacological and Cellular Effects, ex vivo, inÂPancreatic Î²-Cells</p>. <i>Nanotechnology, Science and Applications</i> , 2020, Volume 13, 1-9.	4.6	13
96	Pharmacological and Biological Study of Microencapsulated ProbucoL-Secondary Bile Acid in a Diseased Mouse Model. <i>Pharmaceutics</i> , 2021, 13, 1223.	4.5	13
97	An in vivo pharmacological study: Variation in tissue-accumulation for the drug probuocol as the result of targeted microtechnology and matrix-acrylic acid optimization and stabilization techniques. <i>PLoS ONE</i> , 2019, 14, e0214984.	2.5	12
98	ProbucoL-poly(meth)acrylate-bile acid nanoparticles increase IL-10, and primary bile acids in prediabetic mice. <i>Therapeutic Delivery</i> , 2019, 10, 563-571.	2.2	12
99	Formulation buoyancy of nanoencapsulated gliclazide using primary, conjugated and deconjugated bile acids. <i>Therapeutic Delivery</i> , 2019, 10, 573-583.	2.2	12
100	Impedance Spectroscopic Analysis of the Interdigitated Flexible Sensor for Bacteria Detection. <i>IEEE Sensors Journal</i> , 2020, 20, 12791-12798.	4.7	12
101	Development of orally administered insulin-loaded polymeric-oligonucleotide nanoparticles: statistical optimization and physicochemical characterization. <i>Drug Development and Industrial Pharmacy</i> , 2020, 46, 1238-1252.	2.0	12
102	Current status and applications of animal models in pre-clinical development of orally administered insulin-loaded nanoparticles. <i>Journal of Drug Targeting</i> , 2020, 28, 882-903.	4.4	12
103	Enhanced Bilosomal Properties Resulted in Optimum Pharmacological Effects by Increased Acidification Pathways. <i>Pharmaceutics</i> , 2021, 13, 1184.	4.5	12
104	Bile acid-polymer-probucoL microparticles: protective effect on pancreatic Î²-cells and decrease in type 1 diabetes development in a murine model. <i>Pharmaceutical Development and Technology</i> , 2019, 24, 1272-1277.	2.4	11
105	The increasing role of pigment epithelium-derived factor in metastasis: from biological importance to a promising target. <i>Biochemical Pharmacology</i> , 2021, 193, 114787.	4.4	11
106	Testing and Characterization of Different Papers as Substrate Material for Printed Electronics and Application in Humidity Sensor. <i>Sensors and Materials</i> , 2019, 31, 2981.	0.5	11
107	Microencapsulation of Coenzyme Q10 and bile acids using ionic gelation vibrational jet flow technology for oral delivery. <i>Therapeutic Delivery</i> , 2020, 11, 791-805.	2.2	11
108	The Effects of Primary Unconjugated Bile Acids on Nanoencapsulated Pharmaceutical Formulation of Hydrophilic Drugs: Pharmacological Implications. <i>Drug Design, Development and Therapy</i> , 2021, Volume 15, 4423-4434.	4.3	11

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109	Typing of <i>Staphylococcus aureus</i> isolated from bovine mastitis cases in Australia and India. <i>Australian Veterinary Journal</i> , 2015, 93, 278-282.	1.1	10
110	Advanced and multifaceted stability profiling of the first-line antidiabetic drugs metformin, gliclazide and glipizide under various controlled stress conditions. <i>Saudi Pharmaceutical Journal</i> , 2020, 28, 362-368.	2.7	10
111	The Role of Drug Metabolites in the Inhibition of Cytochrome P450 Enzymes. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2017, 42, 881-890.	1.6	9
112	Histological effects of pharmacologically active human bile acid nano/micro-particles in Type-1 diabetes. <i>Therapeutic Delivery</i> , 2020, 11, 157-171.	2.2	9
113	Pharmacological effects of secondary bile acid microparticles in diabetic murine model. <i>Current Diabetes Reviews</i> , 2020, 16, .	1.3	9
114	Artificial Cell Encapsulation for Biomaterials and Tissue Bio-Nanoengineering: History, Achievements, Limitations, and Future Work for Potential Clinical Applications and Transplantation. <i>Journal of Functional Biomaterials</i> , 2021, 12, 68.	4.4	9
115	High-Loading Dose of Microencapsulated Gliclazide Formulation Exerted a Hypoglycaemic Effect on Type 1 Diabetic Rats and Incorporation of a Primary Deconjugated Bile Acid, Diminished the Hypoglycaemic Antidiabetic Effect. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2017, 42, 1005-1011.	1.6	8
116	Transport and Biotransformation of Gliclazide and the Effect of Deoxycholic Acid in a Probiotic Bacteria Model. <i>Frontiers in Pharmacology</i> , 2019, 10, 1083.	3.5	8
117	Chenodeoxycholic Acid Pharmacology in Biotechnology and Transplantable Pharmaceutical Applications for Tissue Delivery: An Acute Preclinical Study. <i>Cells</i> , 2021, 10, 2437.	4.1	8
118	The Effects of Accelerated Temperature-Controlled Stability Systems on the Release Profile of Primary Bile Acid-Based Delivery Microcapsules. <i>Pharmaceutics</i> , 2021, 13, 1667.	4.5	8
119	Single-Cellular Biological Effects of Cholesterol-Catabolic Bile Acid-Based Nano/Micro Capsules as Anti-Inflammatory Cell Protective Systems. <i>Biomolecules</i> , 2022, 12, 73.	4.0	8
120	Evaluation of the water-holding and anti-spoilage effect of a bacterial cellulose nanocrystal coating for the storage of vacuum-packaged beef. <i>Food Packaging and Shelf Life</i> , 2022, 31, 100818.	7.5	8
121	The Effect of Deoxycholic Acid on Chitosan-Enabled Matrices for Tissue Scaffolding and Injectable Nanogels. <i>Gels</i> , 2022, 8, 358.	4.5	8
122	Decreased placental and transcellular permeation of cefuroxime in pregnant women with diabetes. <i>Journal of Diabetes</i> , 2016, 8, 238-245.	1.8	7
123	Morphological, Stability, and Hypoglycemic Effects of New Gliclazide-Bile Acid Microcapsules for Type 1 Diabetes Treatment: the Microencapsulation of Anti-diabetics Using a Microcapsule-Stabilizing Bile Acid. <i>AAPS PharmSciTech</i> , 2018, 19, 3009-3018.	3.3	7
124	Î2-Cyclodextrin-containing chitosan-oligonucleotide nanoparticles improve insulin bioactivity, gut cellular permeation and glucose consumption. <i>Journal of Pharmacy and Pharmacology</i> , 2021, 73, 726-739.	2.4	7
125	Bile acids as novel enhancers of CNS targeting antitumor drugs: a comprehensive review. <i>Pharmaceutical Development and Technology</i> , 2021, 26, 617-633.	2.4	7
126	Probucol Pharmacological and Bio-Nanotechnological Effects on Surgically Transplanted Graft Due to Powerful Anti-Inflammatory, Anti-Fibrotic and Potential Bile Acid Modulatory Actions. <i>Pharmaceutics</i> , 2021, 13, 1304.	4.5	7



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127	Bile acid permeation enhancement for inner ear cochlear drug pharmacological uptake: bio-nanotechnologies in chemotherapy-induced hearing loss. <i>Therapeutic Delivery</i> , 2021, 12, 807-819.	2.2	7
128	Gut Microbiota Metabolism of Azathioprine: A New Hallmark for Personalized Drug-Targeted Therapy of Chronic Inflammatory Bowel Disease. <i>Frontiers in Pharmacology</i> , 2022, 13, 879170.	3.5	7
129	Probiotics Applications in Autoimmune Diseases. , 0, , .		6
130	Diabetes and hypertension increase the placental and transcellular permeation of the lipophilic drug diazepam in pregnant women. <i>BMC Pregnancy and Childbirth</i> , 2013, 13, 188.	2.4	6
131	Role of metformin in various pathologies: state-of-the-art microcapsules for improving its pharmacokinetics. <i>Therapeutic Delivery</i> , 2020, 11, 733-753.	2.2	6
132	Fabrication techniques for the preparation of orally administered insulin nanoparticles. <i>Journal of Drug Targeting</i> , 2021, 29, 365-386.	4.4	6
133	Sodium alginate microencapsulation improves the short-term oral bioavailability of cannabidiol when administered with deoxycholic acid. <i>PLoS ONE</i> , 2021, 16, e0243858.	2.5	6
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