

Samiullah Khan

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

1,342
citations

430874

18
h-index

361022

35
g-index

40
all docs

40
docs citations

40
times ranked

1536
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication of polyethylene glycol hydrogels with enhanced swelling; loading capacity and release kinetics. <i>Polymer Bulletin</i> , 2022, 79, 5389-5415.	3.3	18
2	Sodium alginate/N-(Vinylcaprolactam) based supramolecular self-assembled subcutaneously administered in situ formed gels depot of 5-fluorouracil: Rheological analysis, in vitro cytotoxic potential, in vivo bioavailability and safety evaluation. <i>International Journal of Biological Macromolecules</i> , 2022, 211, 425-440.	7.5	2
3	Microbial quality, safety and storage of eggs. <i>Current Opinion in Food Science</i> , 2021, 38, 91-95.	8.0	16
4	A difunctional Pluronic [®] 127-based <i>in situ</i> formed injectable thermogels as prolonged and controlled curcumin depot, fabrication, <i>in vitro</i> characterization and <i>in vivo</i> safety evaluation. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2021, 32, 281-319.	3.5	9
5	Porous and highly responsive cross-linked β -cyclodextrin based nanomatrices for improvement in drug dissolution and absorption. <i>Life Sciences</i> , 2021, 267, 118931.	4.3	42
6	Acidification and extended storage at room temperature of mayonnaise reduce <i>Salmonella Typhimurium</i> virulence and viability. <i>Food Research International</i> , 2021, 141, 110117.	6.2	5
7	Gelatin/carboxymethyl cellulose based stimuli-responsive hydrogels for controlled delivery of 5-fluorouracil, development, <i>in vitro</i> characterization, <i>in vivo</i> safety and bioavailability evaluation. <i>Carbohydrate Polymers</i> , 2021, 257, 117617.	10.2	58
8	Understanding the effects of intramuscular injection and feed withdrawal on <i>Salmonella Typhimurium</i> shedding and gut microbiota in pullets. <i>Journal of Animal Science and Biotechnology</i> , 2021, 12, 78.	5.3	16
9	Functional enrichment of gut microbiome by early supplementation of <i>Bacillus</i> based probiotic in cage free hens: a field study. <i>Animal Microbiome</i> , 2021, 3, 50.	3.8	7
10	<i>Salmonella</i> Hessarek: An emerging food borne pathogen and its role in egg safety. <i>Food Control</i> , 2021, 125, 107996.	5.5	16
11	Transcriptomic response of <i>Campylobacter jejuni</i> following exposure to acidified sodium chlorite. <i>Npj Science of Food</i> , 2021, 5, 23.	5.5	8
12	Refrigeration of eggs influences the virulence of <i>Salmonella Typhimurium</i> . <i>Scientific Reports</i> , 2021, 11, 18026.	3.3	6
13	Spray and Aerosolised pH-Neutral Electrochemically Activated Solution Reduces <i>Salmonella</i> Enteritidis and Total Bacterial Load on Egg Surface. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 732.	2.5	2
14	Short-term feeding of probiotics and synbiotics modulates caecal microbiota during <i>Salmonella Typhimurium</i> infection but does not reduce shedding and invasion in chickens. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 319-334.	3.6	20
15	Development of PMAxx TM -Based qPCR for the Quantification of Viable and Non-viable Load of <i>Salmonella</i> From Poultry Environment. <i>Frontiers in Microbiology</i> , 2020, 11, 581201.	3.5	12
16	Transcriptome profiling analysis of caeca in chicks challenged with <i>Salmonella Typhimurium</i> reveals differential expression of genes involved in host mucosal immune response. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 9327-9342.	3.6	16
17	<i>Salmonella Typhimurium</i> infection disrupts but continuous feeding of <i>Bacillus</i> based probiotic restores gut microbiota in infected hens. <i>Journal of Animal Science and Biotechnology</i> , 2020, 11, 29.	5.3	68
18	Regulation of Immunity-Related Genes by Infectious Bronchitis Virus Challenge in Spleen of Laying Chickens. <i>Viral Immunology</i> , 2020, 33, 413-420.	1.3	5

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19	The Gut Microbiota of Laying Hens and Its Manipulation with Prebiotics and Probiotics To Enhance Gut Health and Food Safety. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	3.1	149
20	Fabrication, rheological analysis, and in vitro characterization of in situ chemically cross-linkable thermogels as controlled and prolonged drug depot for localized and systemic delivery. <i>Polymers for Advanced Technologies</i> , 2019, 30, 755-771.	3.2	8
21	RNA-sequencing analysis of shell gland shows differences in gene expression profile at two time-points of eggshell formation in laying chickens. <i>BMC Genomics</i> , 2019, 20, 89.	2.8	29
22	Evaluation of microneedles-assisted in situ depot forming poloxamer gels for sustained transdermal drug delivery. <i>Drug Delivery and Translational Research</i> , 2019, 9, 764-782.	5.8	47
23	Genes involved in mitochondrial biogenesis and function may not show synchronised responses to mitochondria in shell gland of laying chickens under infectious bronchitis virus challenge. <i>BMC Molecular and Cell Biology</i> , 2019, 20, 3.	2.0	5
24	Highly Porous pH-Responsive Carboxymethyl Chitosan- <i>Grafted</i> -Poly (Acrylic Acid) Based Smart Hydrogels for 5-Fluorouracil Controlled Delivery and Colon Targeting. <i>International Journal of Polymer Science</i> , 2019, 2019, 1-15.	2.7	36
25	pH/Thermo-Dual Responsive Tunable In Situ Cross-Linkable Depot Injectable Hydrogels Based on Poly(N-Isopropylacrylamide)/Carboxymethyl Chitosan with Potential of Controlled Localized and Systemic Drug Delivery. <i>AAPS PharmSciTech</i> , 2019, 20, 119.	3.3	42
26	The Effect of Sanitizers on Microbial Levels of Chicken Meat Collected from Commercial Processing Plants. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4807.	2.6	17
27	Natural and synthetic polymer-based smart biomaterials for management of ulcerative colitis: a review of recent developments and future prospects. <i>Drug Delivery and Translational Research</i> , 2019, 9, 595-614.	5.8	55
28	Biocompatible hydrogels for the controlled delivery of anti-hypertensive agent: development, characterization and <i>in vitro</i> evaluation. <i>Designed Monomers and Polymers</i> , 2018, 21, 18-32.	1.6	36
29	Self-assembled supramolecular thermoreversible β -cyclodextrin/ethylene glycol injectable hydrogels with difunctional Pluronic [®] 127 as controlled delivery depot of curcumin. Development, characterization and <i>in vitro</i> evaluation. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2018, 29, 1-34.	3.5	50
30	Design, Formulation and In-Vitro Evaluation of Sustained Release Tablet Formulations of Levosulpiride. <i>Turkish Journal of Pharmaceutical Sciences</i> , 2018, 15, 309-318.	1.4	4
31	The Structural, Crystallinity and Thermal Properties of pH responsive Interpenetrating Gelatin/Sodium Alginate Based Polymeric Composites for the Controlled Delivery of Cetirizine HCl. <i>Turkish Journal of Pharmaceutical Sciences</i> , 2018, 15, 63-76.	1.4	4
32	Enhanced gastric retention and drug release <i>via</i> development of novel floating microspheres based on Eudragit E100 and polycaprolactone: synthesis and <i>in vitro</i> evaluation. <i>Designed Monomers and Polymers</i> , 2017, 20, 419-433.	1.6	24
33	Novel polymeric composites based on carboxymethyl chitosan and poly(acrylic acid): in vitro and in vivo evaluation. <i>Journal of Materials Science: Materials in Medicine</i> , 2017, 28, 147.	3.6	11
34	The structural, morphological and thermal properties of grafted pH-sensitive interpenetrating highly porous polymeric composites of sodium alginate/acrylic acid copolymers for controlled delivery of diclofenac potassium. <i>Designed Monomers and Polymers</i> , 2017, 20, 308-324.	1.6	36
35	Reference gene selection for gene expression study in shell gland and spleen of laying hens challenged with infectious bronchitis virus. <i>Scientific Reports</i> , 2017, 7, 14271.	3.3	22
36	pH responsive cross-linked polymeric matrices based on natural polymers: effect of process variables on swelling characterization and drug delivery properties. <i>BiolImpacts</i> , 2017, 7, 177-192.	1.5	32

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37	Insight into hydrogels. Designed Monomers and Polymers, 2016, 19, 456-478.	1.6	78
38	Synthesis and Characterization of Chemically Cross-Linked Acrylic Acid/Gelatin Hydrogels: Effect of pH and Composition on Swelling and Drug Release. International Journal of Polymer Science, 2015, 2015, 1-15.	2.7	141
39	Effect of degree of cross-linking on swelling and on drug release of low viscous chitosan/poly(vinyl) Tj ETQq1 1 0.784314 rgBT /Overl	3.3	179