

Majid Jaber-Douraki

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

544
citations

758635

12
h-index

713013

21
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43
all docs

43
docs citations

43
times ranked

906
citing authors

#	ARTICLE	IF	CITATIONS
1	Bacterial endotoxin (lipopolysaccharide) binds to the surface of gold nanoparticles, interferes with biocorona formation and induces human monocyte inflammatory activation. <i>Nanotoxicology</i> , 2017, 11, 1157-1175.	1.6	80
2	Biomimetic Natural Killer Membrane Camouflaged Polymeric Nanoparticle for Targeted Bioimaging. <i>Advanced Functional Materials</i> , 2019, 29, 1806817.	7.8	64
3	Performance Assessment and Translation of Physiologically Based Pharmacokinetic Models From acsIX to Berkeley Madonna, MATLAB, and R Language: Oxytetracycline and Gold Nanoparticles As Case Examples. <i>Toxicological Sciences</i> , 2017, 158, 23-35.	1.4	52
4	Serosurvey of Human Antibodies Recognizing <i>Aedes aegypti</i> D7 Salivary Proteins in Colombia. <i>Frontiers in Public Health</i> , 2018, 6, 111.	1.3	25
5	Predictive Models of Type 1 Diabetes Progression: Understanding T-Cell Cycles and Their Implications on Autoantibody Release. <i>PLoS ONE</i> , 2014, 9, e93326.	1.1	23
6	Comparative pharmacokinetics of oxytetracycline in tilapia (<i>Oreochromis spp.</i>) maintained at three different salinities. <i>Aquaculture</i> , 2018, 495, 675-681.	1.7	23
7	Unraveling the contribution of pancreatic beta-cell suicide in autoimmune type 1 diabetes. <i>Journal of Theoretical Biology</i> , 2015, 375, 77-87.	0.8	22
8	Autoimmune responses in T1DM: quantitative methods to understand onset, progression, and prevention of disease. <i>Pediatric Diabetes</i> , 2014, 15, 162-174.	1.2	21
9	Continuum model of T-cell avidity: Understanding autoreactive and regulatory T-cell responses in type 1 diabetes. <i>Journal of Theoretical Biology</i> , 2015, 383, 93-105.	0.8	18
10	Modeling gold nanoparticle biodistribution after arterial infusion into perfused tissue: effects of surface coating, size and protein corona. <i>Nanotoxicology</i> , 2018, 12, 1093-1112.	1.6	15
11	Optimal control of vaccination dynamics during an influenza epidemic. <i>Mathematical Biosciences and Engineering</i> , 2014, 11, 1045-1063.	1.0	15
12	Potential Information Loss Due to Categorization of Minimum Inhibitory Concentration Frequency Distributions. <i>Foodborne Pathogens and Disease</i> , 2018, 15, 44-54.	0.8	14
13	Mathematical modeling of the 'inoculum effect': six applicable models and the MIC advancement point concept. <i>FEMS Microbiology Letters</i> , 2020, 367, .	0.7	14
14	Predictive temperature modeling and experimental investigation of ultrasonic vibration-assisted pelleting of wheat straw. <i>Applied Energy</i> , 2017, 205, 511-528.	5.1	12
15	Making Sense of Pharmacovigilance and Drug Adverse Event Reporting: Comparative Similarity Association Analysis Using AI Machine Learning Algorithms in Dogs and Cats. <i>Topics in Companion Animal Medicine</i> , 2019, 37, 100366.	0.4	12
16	Comparative Molecular Immunological Activity of Physiological Metal Oxide Nanoparticle and its Anticancer Peptide and RNA Complexes. <i>Nanomaterials</i> , 2019, 9, 1670.	1.9	12
17	Clinical and infection dynamics of foot-and-mouth disease in beef feedlot cattle: An expert survey. <i>Preventive Veterinary Medicine</i> , 2018, 158, 160-168.	0.7	10
18	Global Trends in Cancer Nanotechnology: A Qualitative Scientific Mapping Using Content-Based and Bibliometric Features for Machine Learning Text Classification. <i>Cancers</i> , 2021, 13, 4417.	1.7	10

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19	Risk of influenza infection with low vaccine effectiveness: the role of avoidance behaviour. <i>Epidemiology and Infection</i> , 2019, 147, e75.	1.0	9
20	Modulation of chemical dermal absorption by 14 natural products: a quantitative structure permeation analysis of components often found in topical preparations. <i>Cutaneous and Ocular Toxicology</i> , 2017, 36, 237-252.	0.5	8
21	Pharmacovigilance in patients with diabetes: A data-driven analysis identifying specific RAS antagonists with adverse pulmonary safety profiles that have implications for COVID-19 morbidity and mortality. <i>Journal of the American Pharmacists Association: JAPhA</i> , 2020, 60, e145-e152.	0.7	8
22	Optimal Treatment Profile During an Influenza Epidemic. <i>Differential Equations and Dynamical Systems</i> , 2013, 21, 237-252.	0.5	7
23	Honey bee medicine for veterinarians and guidance for avoiding violative chemical residues in honey. <i>Journal of the American Veterinary Medical Association</i> , 2021, 259, 860-873.	0.2	7
24	Zn-based physiometacomposite nanoparticles: distribution, tolerance, imaging, and antiviral and anticancer activity. <i>Nanomedicine</i> , 2021, 16, 1857-1872.	1.7	6
25	Optimality of a time-dependent treatment profile during an epidemic. <i>Journal of Biological Dynamics</i> , 2013, 7, 133-147.	0.8	5
26	Amino/Amido Conjugates Form to Nanoscale Cobalt Physiometacomposite (PMC) Materials Functionally Delivering Nucleic Acid Therapeutic to Nucleus Enhancing Anticancer Activity via Ras-Targeted Protein Interference. <i>ACS Applied Bio Materials</i> , 2020, 3, 175-179.	2.3	5
27	Data mining methodology for response to hypertension symptomology application to COVID-19-related pharmacovigilance. <i>ELife</i> , 2021, 10, .	2.8	5
28	Optimization of feed thickness on distribution of airflow velocity in belt dryer using computational fluid dynamics. <i>Energy Procedia</i> , 2017, 142, 1595-1602.	1.8	4
29	Computational fluid dynamic analysis of airflow in belt dryer: effects of conveyor position on airflow distribution. <i>Energy Procedia</i> , 2017, 142, 1367-1374.	1.8	4
30	Establishing Statistical Equivalence of Data from Different Sampling Approaches for Assessment of Bacterial Phenotypic Antimicrobial Resistance. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	4
31	Novel Data Sharing Agreement to Accelerate Big Data Translational Research Projects in the One Health Sphere. <i>Topics in Companion Animal Medicine</i> , 2019, 37, 100367.	0.4	4
32	Pulmonary adverse drug event data in hypertension with implications on COVID-19 morbidity. <i>Scientific Reports</i> , 2021, 11, 13349.	1.6	4
33	Large-Scale Data Mining of Rapid Residue Detection Assay Data From HTML and PDF Documents: Improving Data Access and Visualization for Veterinarians. <i>Frontiers in Veterinary Science</i> , 2021, 8, 674730.	0.9	4
34	Transmammary delivery of firocoxib to piglets reduces stress and improves average daily gain after castration, tail docking, and teeth clipping. <i>Journal of Animal Science</i> , 2019, 97, 2750-2768.	0.2	3
35	Development of a subcutaneous ear implant to deliver an anaplasmosis vaccine to dairy steers. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	3
36	A field trial comparing four oral nonsteroidal anti-inflammatory drugs on controlling cauterly dehorning pain and stress in calves. <i>Translational Animal Science</i> , 2021, 5, txab041.	0.4	3

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37	Targeting SARS-CoV-2 Variants with Nucleic Acid Therapeutic Nanoparticle Conjugates. <i>Pharmaceuticals</i> , 2021, 14, 1012.	1.7	3
38	Mechanisms of toxicity and residue considerations of rodenticide exposure in food Animalsâ€™a FARAD perspective. <i>Journal of the American Veterinary Medical Association</i> , 2022, 260, 514-523.	0.2	3
39	Hybrid computational modeling demonstrates the utility of simulating complex cellular networks in type 1 diabetes. <i>PLoS Computational Biology</i> , 2021, 17, e1009413.	1.5	0