

Fazle Elahi, Dvm

List of Publications by Year in descending order

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40
papers

571
citations

687363

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h-index

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42
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docs citations

42
times ranked

594
citing authors

#	ARTICLE	IF	CITATIONS
1	Gut Microbiome Modulation Based on Probiotic Application for Anti-Obesity: A Review on Efficacy and Validation. <i>Microorganisms</i> , 2019, 7, 456.	3.6	56
2	Phenolic Profile, Antioxidant, and Antidiabetic Potential Exerted by Millet Grain Varieties. <i>Antioxidants</i> , 2020, 9, 254.	5.1	55
3	New Insights on the Use of Polyphenols as Natural Preservatives and Their Emerging Safety Concerns. <i>Frontiers in Sustainable Food Systems</i> , 2020, 4, .	3.9	52
4	UHPLC-ESI-QTOF-MS/MS characterization, antioxidant and antidiabetic properties of sorghum grains. <i>Food Chemistry</i> , 2021, 337, 127788.	8.2	32
5	The Role of Bioactive Peptides in Diabetes and Obesity. <i>Foods</i> , 2021, 10, 2220.	4.3	31
6	Alpha-linolenic acid treatment during oocyte maturation enhances embryonic development by influencing mitogen-activated protein kinase activity and intraoocyte glutathione content in pigs1. <i>Journal of Animal Science</i> , 2016, 94, 3255-3263.	0.5	30
7	Flavonoids in Decorticated Sorghum Grains Exert Antioxidant, Antidiabetic and Antiobesity Activities. <i>Molecules</i> , 2020, 25, 2854.	3.8	30
8	Review on Stress Tolerance in <i>Campylobacter jejuni</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 596570.	3.9	27
9	The Potential Role of Polyphenols in Oxidative Stress and Inflammation Induced by Gut Microbiota in Alzheimer's Disease. <i>Antioxidants</i> , 2021, 10, 1370.	5.1	27
10	Cilostamide and forskolin treatment during pre-IVM improves preimplantation development of cloned embryos by influencing meiotic progression and gap junction communication in pigs. <i>Theriogenology</i> , 2016, 86, 757-765.	2.1	23
11	Development of Nanosensors Based Intelligent Packaging Systems: Food Quality and Medicine. <i>Nanomaterials</i> , 2021, 11, 1515.	4.1	21
12	Multidrug Antimicrobial Resistance and Molecular Detection of <i>mcr-1</i> Gene in <i>Salmonella</i> Species Isolated from Chicken. <i>Animals</i> , 2021, 11, 206.	2.3	16
13	Effect of rapamycin treatment during post-activation and/or in vitro culture on embryonic development after parthenogenesis and in vitro fertilization in pigs. <i>Reproduction in Domestic Animals</i> , 2017, 52, 741-748.	1.4	14
14	Influence of fermented soy protein consumption on hypertension and gut microbial modulation in spontaneous hypertensive rats. <i>Bioscience of Microbiota, Food and Health</i> , 2020, 39, 199-208.	1.8	13
15	Unveiling the potentials of bacteriocin (Pediocin L50) from <i>Pediococcus acidilactici</i> with antagonist spectrum in a <i>Caenorhabditis elegans</i> model. <i>International Journal of Biological Macromolecules</i> , 2020, 143, 555-572.	7.5	12
16	Role of Recent Therapeutic Applications and the Infection Strategies of Shiga Toxin-Producing <i>Escherichia coli</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 614963.	3.9	12
17	Application of Nanoparticles in Food Preservation and Food Processing. <i>Han'gug Sijpum Wi'saeng Anjeonseong Haghoeji</i> , 2019, 34, 317-324.	0.4	12
18	Developmental competence of IVM pig oocytes after SCNT in relation to the shrinkage pattern induced by hyperosmotic treatment. <i>Theriogenology</i> , 2014, 81, 974-981.	2.1	11

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19	Anti-Obesity Efficacy of <i>Pediococcus acidilactici</i> MNL5 in <i>Canorhabditis elegans</i> Gut Model. International Journal of Molecular Sciences, 2022, 23, 1276.	4.1	10
20	Cilostazol Improves Developmental Competence of Pig Oocytes by Increasing Intraoocyte Cyclic Adenosine Monophosphate Level and Delaying Meiotic Resumption. Reproduction in Domestic Animals, 2016, 51, 220-226.	1.4	9
21	Supplement of cilostamide in growth medium improves oocyte maturation and developmental competence of embryos derived from small antral follicles in pigs. Theriogenology, 2017, 91, 1-8.	2.1	9
22	Impact of thermal treatment and fermentation by lactic acid bacteria on sorghum metabolite changes, their antioxidant and antidiabetic activities. Food Bioscience, 2022, 45, 101502.	4.4	9
23	Phytochemical profiling and cellular antioxidant efficacy of different rice varieties in colorectal adenocarcinoma cells exposed to oxidative stress. PLoS ONE, 2022, 17, e0269403.	2.5	9
24	Quantification of Amino Acids, Phenolic Compounds Profiling from Nine Rice Varieties and Their Antioxidant Potential. Antioxidants, 2022, 11, 839.	5.1	7
25	In vitro oocyte maturation in a medium containing reduced sodium chloride improves the developmental competence of pig oocytes after parthenogenesis and somatic cell nuclear transfer. Reproduction, Fertility and Development, 2017, 29, 1625.	0.4	6
26	In Vitro and In Silico Screening and Characterization of Antimicrobial Napin Bioactive Protein in Brassica juncea and Moringa oleifera. Molecules, 2021, 26, 2080.	3.8	5
27	A review on the application of bioinformatics tools in food microbiome studies. Briefings in Bioinformatics, 2022, 23, .	6.5	5
28	Effect of Rice Processing towards Lower Rapidly Available Glucose (RAG) Favors Idli, a South Indian Fermented Food Suitable for Diabetic Patients. Nutrients, 2019, 11, 1497.	4.1	4
29	Anti-urease immunoglobulin (IgY) from egg yolk prevents <i>Helicobacter pylori</i> infection in a mouse model. Food and Agricultural Immunology, 2019, 30, 662-676.	1.4	4
30	An effective datasets describing antimicrobial peptide produced from <i>Pediococcus acidilactici</i> - purification and mode of action determined by molecular docking. Data in Brief, 2020, 31, 105745.	1.0	3
31	IgY Industries and Markets. , 2021, , 279-308.		3
32	Screening for Antiviral Activity: MTT Assay. Springer Protocols, 2022, , 419-421.	0.3	3
33	Effect of Fermentation on the Bioactive Compounds of the Black Soybean and Their Anti-Alzheimer's Activity. Frontiers in Nutrition, 2022, 9, .	3.7	3
34	Genomic diversity and molecular dynamics interaction on mutational variances among RB domains of SARS-CoV-2 interplay drug inactivation. Infection, Genetics and Evolution, 2021, , 105128.	2.3	2
35	Unveiling the potentials of bioactive oligosaccharide 1-kestose (GF2) from <i>Musa paradisiaca</i> Linn peel with an anxiolytic effect based on gut microbiota modulation in stressed mice model. Food Bioscience, 2022, , 101881.	4.4	2
36	Detrimental Effect of Bovine Serum Albumin in a Maturation Medium on Embryonic Development after Somatic Cell Nuclear Transfer in Pigs. Journal of Animal Reproduction and Biotechnology, 2014, 29, 361-368.	0.6	1

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37	Endoplasmic Stress Inhibition during Oocyte Maturation Improves Preimplantation Development of Cloned Pig Embryos. Journal of Animal Reproduction and Biotechnology, 2017, 32, 287-295.	0.6	1
38	Immunosensors for Food Safety: Current Trends and Future Perspectives. Han'gug Sigpum Wi'saeng Anjeonseong Haghoeji, 2019, 34, 509-518.	0.4	1
39	Role of Peptides in Antiviral (COVID-19) Therapy. Han'gug Sigpum Wi'saeng Anjeonseong Haghoeji, 2021, 36, 363-375.	0.4	1
40	Exogenous Nitric Oxide Donation During In Vitro Maturation Improves Embryonic Development after Parthenogenesis and Somatic Cell Nuclear Transfer in Pigs. Journal of Animal Reproduction and Biotechnology, 2018, 33, 211-220.	0.6	0