

Sergio A Burgos

List of Publications by Year in descending order

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34
papers

732
citations

566801

15
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552369

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all docs

34
docs citations

34
times ranked

934
citing authors

#	ARTICLE	IF	CITATIONS
1	CRISPR-Cas9-mediated knockout of GCN2 reveals a critical role in sensing amino acid deprivation in bovine mammary epithelial cells. <i>Journal of Dairy Science</i> , 2021, 104, 1123-1135.	1.4	12
2	Acute hyperaminoacidemia does not suppress insulin-mediated glucose turnover in healthy young men. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021, 46, 397-403.	0.9	0
3	Protein consumption in Canadian habitual diets: usual intake, inadequacy, and the contribution of animal- and plant-based foods to nutrient intakes. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021, 46, 501-510.	0.9	21
4	In vivo genome-wide CRISPR screen reveals breast cancer vulnerabilities and synergistic mTOR/Hippo targeted combination therapy. <i>Nature Communications</i> , 2021, 12, 3055.	5.8	55
5	Carbon footprint of Canadian self-selected diets: Comparing intake of foods, nutrients, and diet quality between low- and high-greenhouse gas emission diets. <i>Journal of Cleaner Production</i> , 2021, 316, 128245.	4.6	28
6	Differential Regulation of Cancer Progression by CDK4/6 Plays a Central Role in DNA Replication and Repair Pathways. <i>Cancer Research</i> , 2021, 81, 1332-1346.	0.4	20
7	AMP-activated protein kinase controls lipid and lactose synthesis in bovine mammary epithelial cells. <i>Journal of Dairy Science</i> , 2020, 103, 340-351.	1.4	19
8	Role of Grb10 in mTORC1-dependent regulation of insulin signaling and action in human skeletal muscle cells. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 318, E173-E183.	1.8	10
9	Consumption of Milk and Alternatives and Their Contribution to Nutrient Intakes among Canadian Adults: Evidence from the 2015 Canadian Community Health Survey. <i>Nutrition. Nutrients</i> , 2019, 11, 1948.	1.7	30
10	The role of dairy fat on cardiometabolic health: what is the current state of knowledge?. <i>Canadian Journal of Animal Science</i> , 2019, 99, 429-441.	0.7	1
11	Effect of feeding system and grain source on lactation characteristics and milk components in dairy cattle. <i>Journal of Dairy Science</i> , 2018, 101, 8572-8585.	1.4	7
12	Short communication: Urea hydrolysis in dairy cattle manure under different temperature, urea, and pH conditions. <i>Journal of Dairy Science</i> , 2017, 100, 2388-2394.	1.4	10
13	CDK4 regulates cancer stemness and is a novel therapeutic target for triple-negative breast cancer. <i>Scientific Reports</i> , 2016, 6, 35383.	1.6	50
14	Insulin resistance of protein anabolism accompanies that of glucose metabolism in lean, glucose-tolerant offspring of persons with type 2 diabetes. <i>BMJ Open Diabetes Research and Care</i> , 2016, 4, e000312.	1.2	7
15	Protein and glucose metabolic responses to hyperinsulinemia, hyperglycemia, and hyperaminoacidemia in obese men. <i>Obesity</i> , 2015, 23, 351-358.	1.5	19
16	Energy Depletion of Bovine Mammary Epithelial Cells Activates AMPK and Suppresses Protein Synthesis Through Inhibition of mTORC1 Signaling. <i>Hormone and Metabolic Research</i> , 2013, 45, 183-189.	0.7	30
17	Hyperaminoacidaemia at postprandial levels does not modulate glucose metabolism in type 2 diabetes mellitus. <i>Diabetologia</i> , 2011, 54, 1810-1818.	2.9	18
18	Protein Anabolic Responses to a Fed Steady State in Healthy Aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2011, 66A, 681-688.	1.7	44

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19	IGF-1 stimulates protein synthesis by enhanced signaling through mTORC1 in bovine mammary epithelial cells. <i>Domestic Animal Endocrinology</i> , 2010, 38, 211-221.	0.8	73
20	Prediction of ammonia emission from dairy cattle manure based on milk urea nitrogen: Relation of milk urea nitrogen to ammonia emissions. <i>Journal of Dairy Science</i> , 2010, 93, 2377-2386.	1.4	47
21	Nutrient availability and lactogenic hormones regulate mammary protein synthesis through the mammalian target of rapamycin signaling pathway. <i>Journal of Dairy Science</i> , 2010, 93, 153-161.	1.4	98
22	Prediction of Ammonia Emission from Dairy Cattle Manure Based on Milk Urea Nitrogen: Relation of Milk Urea Nitrogen to Urine Urea Nitrogen Excretion. <i>Journal of Dairy Science</i> , 2007, 90, 5499-5508.	1.4	68
23	Reports of Avian Influenza H5N1 in Cats and Dogs. <i>International Journal of Poultry Science</i> , 2007, 6, 1003-1005.	0.6	3
24	Avian Influenza Outbreaks in Southeast Asia Affects Prices, Markets and Trade: A Short Case Study. <i>International Journal of Poultry Science</i> , 2007, 6, 1006-1009.	0.6	11
25	National Vaccination Campaigns Against Highly Pathogenic Avian Influenza Outbreaks in Developing Nations. <i>International Journal of Poultry Science</i> , 2007, 6, 531-534.	0.6	1
26	Influence of Exotic Bird and Wildlife Trade on Avian Influenza Transmission Dynamics: Animal-Human Interface. <i>International Journal of Poultry Science</i> , 2007, 6, 535-538.	0.6	6
27	Influenza A Viruses in Poultry: A Condensed Review. <i>International Journal of Poultry Science</i> , 2007, 6, 705-708.	0.6	1
28	Refocusing and Reshaping of Highly Pathogenic Avian Influenza Preventive Strategies in Rural Settings. <i>International Journal of Poultry Science</i> , 2007, 6, 527-530.	0.6	3
29	H5N1 in Europe 2007: Poultry and Wild Birds. <i>International Journal of Poultry Science</i> , 2007, 7, 97-100.	0.6	1
30	The Role of Chickens in Vitamin Discoveries. <i>International Journal of Poultry Science</i> , 2006, 5, 704-707.	0.6	2
31	Vitamin Deficiency-Induced Neurological Diseases of Poultry. <i>International Journal of Poultry Science</i> , 2006, 5, 804-807.	0.6	6
32	Environmental Approaches to Poultry Feed Formulation and Management. <i>International Journal of Poultry Science</i> , 2006, 5, 900-904.	0.6	6
33	Selenium Sources Affect Protein Concentration, Thioredoxin Reductase Activity and Selected Production Parameters in Reovirus Infected Broiler Chickens. <i>International Journal of Poultry Science</i> , 2006, 5, 822-829.	0.6	2
34	Ammonia volatilization potential: Prediction of urinary urea nitrogen output in lactating dairy cows. <i>Agriculture, Ecosystems and Environment</i> , 2005, 111, 261-269.	2.5	23