Matteo Ottoboni

List of Publications by Year
in descending order

33 papers	**1,554** citations	471371 **17** h-index	454834 **30** g-index
33 all docs	**33** docs citations	**33** times ranked	**1632** citing authors

#	ARTICLE	IF	CITATIONS
1	Nutritional composition of black soldier fly (*Hermetia illucens*) prepupae reared on different organic waste substrates. Journal of the Science of Food and Agriculture, 2017, 97, 2594-2600.	1.7	546
2	Mycotoxin Contamination in the EU Feed Supply Chain: A Focus on Cereal Byproducts. Toxins, 2016, 8, 45.	1.5	240
3	Review: Insects and former foodstuffs for upgrading food waste biomasses/streams to feed ingredients for farm animals. Animal, 2019, 13, 1365-1375.	1.3	87
4	A survey of the mycobiota associated with larvae of the black soldier fly (Hermetia illucens) reared for feed production. PLoS ONE, 2017, 12, e0182533.	1.1	81
5	Recycling food leftovers in feed as opportunity to increase the sustainability of livestock production. Journal of Cleaner Production, 2021, 294, 126290.	4.6	76
6	Comparative Proteomics of Milk Fat Globule Membrane (MFGM) Proteome across Species and Lactation Stages and the Potentials of MFGM Fractions in Infant Formula Preparation. Foods, 2020, 9, 1251.	1.9	52
7	Potentials and Challenges of Former Food Products (Food Leftover) as Alternative Feed Ingredients. Animals, 2020, 10, 125.	1.0	43
8	Former food products safety: microbiological quality and computer vision evaluation of packaging remnants contamination. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2017, 34, 1427-1435.	1.1	40
9	Inclusion of *Hermetia Illucens* larvae or prepupae in an experimental extruded feed: process optimisation and impact on *in vitro* digestibility. Italian Journal of Animal Science, 2018, 17, 418-427.	0.8	34
10	Nutritional evaluation of former food products (ex-food) intended for pig nutrition. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2017, 34, 1436-1445.	1.1	33
11	Former Food Products Safety Evaluation: Computer Vision as an Innovative Approach for the Packaging Remnants Detection. Journal of Food Quality, 2017, 2017, 1-6.	1.4	32
12	Integrated Mycotoxin Management System in the Feed Supply Chain: Innovative Approaches. Toxins, 2021, 13, 572.	1.5	30
13	Substrate as insect feed for bio-mass production. Journal of Insects As Food and Feed, 2021, 7, 585-596.	2.1	30
14	Reduce, Reuse, Recycle for Food Waste: A Second Life for Fresh-Cut Leafy Salad Crops in Animal Diets. Animals, 2020, 10, 1082.	1.0	28
15	Carbohydrate digestion and predicted glycemic index of bakery/confectionary ex-food intended for pig nutrition. Italian Journal of Animal Science, 2019, 18, 838-849.	0.8	25
16	Former food products have no detrimental effects on diet digestibility, growth performance and selected plasma variables in post-weaning piglets. Italian Journal of Animal Science, 2019, 18, 987-996.	0.8	25
17	Combining E-Nose and Lateral Flow Immunoassays (LFIAs) for Rapid Occurrence/Co-Occurrence Aflatoxin and Fumonisin Detection in Maize. Toxins, 2018, 10, 416.	1.5	23
18	Influence of Traditional vs Alternative Dietary Carbohydrates Sources on the Large Intestinal Microbiota in Post-Weaning Piglets. Animals, 2019, 9, 516.	1.0	19

#	Article	IF	Citations
19	Global assessment of natural resources for chicken production. Advances in Water Resources, 2021, 154, 103987.	1.7	19
20	Imaging of Intact Ovine m. semimembranosus by Confocal Raman Microscopy. Food and Bioprocess Technology, 2015, 8, 2279-2286.	2.6	11
21	Light microscopy with differential staining techniques for the characterisation and discrimination of insects versus marine arthropods processed animal proteins. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2017, 34, 1377-1383.	1.1	11
22	Mycotoxins in Wheat and Mitigation Measures. , 2017, , .		10
23	Sweet vs. Salty Former Food Products in Post-Weaning Piglets: Effects on Growth, Apparent Total Tract Digestibility and Blood Metabolites. Animals, 2021, 11, 3315.	1.0	10
24	Tracing food packaging contamination: an electronic nose applied to leftover food. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2019, 36, 1748-1756.	1.1	9
25	Multivariate image analysis for the rapid detection of residues from packaging remnants in former foodstuff products (FFPs) â€" a feasibility study. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2020, 37, 1399-1411.	1.1	7
26	Biofortification of selenium in black soldier fly (Hermetia illucens) prepupae reared on seaweed or selenium enriched substrates. Journal of Insects As Food and Feed, 2022, 8, 887-899.	2.1	7
27	Computer image analysis: an additional tool for the identification of processed poultry and mammal protein containing bones. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2013, 30, 1745-1751.	1.1	5
28	Microscopy in combination with image analysis for characterization of fishmeal material in aquafeed. Animal Feed Science and Technology, 2016, 215, 156-164.	1.1	5
29	Total phenolic content and antioxidant capacity of former food products intended as alternative feed ingredients. Italian Journal of Animal Science, 2020, 19, 1387-1392.	0.8	4
30	Ex-food in animal nutrition: potentials and challenges. , 2019, , .		4
31	Sugary vs salty food industry leftovers in postweaning piglets: effects on gut microbiota and intestinal volatile fatty acid production. Animal, 2022, 16, 100584.	1.3	4
32	Microscopy and Image Analysis Based Approaches for the Species-Specific Identification of Bovine and Swine Bone Containing Material. Italian Journal of Animal Science, 2014, 13, 3187.	0.8	2
33	Safety of Cereals in the Mediterranean: An Update on EU Legislation. , 2021, , 303-324.		2