Sylvie Combes

List of Publications by Year
in descending order

78 papers	3,146 citations	185998 28 h-index	168136 53 g-index
78 all docs	78 docs citations	78 times ranked	3367 citing authors

#	Article	IF	Citations
1	Developmental Stage, Solid Food Introduction, and Suckling Cessation Differentially Influence the Comaturation of the Gut Microbiota and Intestinal Epithelium in Rabbits. Journal of Nutrition, 2022, 152, 723-736.	1.3	5
2	A carvacrol-based product reduces Campylobacter jejuni load and alters microbiota composition in the caeca of chickens. Journal of Applied Microbiology, 2022, 132, 4501-4516.	1.4	4
3	Early Introduction of Plant Polysaccharides Drives the Establishment of Rabbit Gut Bacterial Ecosystems and the Acquisition of Microbial Functions. MSystems, 2022, 7, .	1.7	2
4	Gut Microbiota-Derived Metabolite Signature in Suckling and Weaned Piglets. Journal of Proteome Research, 2021, 20, 982-994.	1.8	31
5	Saccharomyces cerevisiae boulardii CNCM I-1079 supplementation in finishing male pigs helps to cope with heat stress through feeding behaviour and gut microbiota modulation. British Journal of Nutrition, 2021, , 1-16.	1.2	7
6	Impact of feed restriction and fragmented feed distribution on performance, intake behaviour and digestion of the growing rabbit. Animal, 2021, 15, 100270.	1.3	5
7	The intestinal microbial composition in Greylag geese differs with steatosis induction mode: spontaneous or induced by overfeeding. Animal Microbiome, 2021, 3, 6.	1.5	1
8	Part-time grouping of rabbit does in enriched housing: effects on performances, injury occurrence and enrichment use. Animal, 2021, 15, 100390.	1.3	6
9	Effect of housing enrichment and type of flooring on the performance and behaviour of female rabbits. World Rabbit Science, 2021, 29, 275-285.	0.1	1
10	Dietary composition and yeast/microalgae combination supplementation modulate the microbial ecosystem in the caecum, colon and faeces of horses. British Journal of Nutrition, 2020, 123, 372-382.	1.2	17
11	Culture of rabbit caecum organoids by reconstituting the intestinal stem cell niche in vitro with pharmacological inhibitors or L-WRN conditioned medium. Stem Cell Research, 2020, 48, 101980.	0.3	11
12	Early Introduction of Solid Feeds: Ingestion Level Matters More Than Prebiotic Supplementation for Shaping Gut Microbiota. Frontiers in Veterinary Science, 2020, 7, 261.	0.9	9
13	Evolution of gut microbial community through reproductive life in female rabbits and investigation of the link with offspring survival. Animal, 2020, 14, 2253-2261.	1.3	5
14	Data set on early feed intake and growth performances of rabbits fed during the suckling period with pellets differing in diameter or compression rate using a double-choice testing design. Data in Brief, 2020, 29, 105196.	0.5	1
15	1H-NMR metabolomics response to a realistic diet contamination with the mycotoxin deoxynivalenol: Effect of probiotics supplementation. Food and Chemical Toxicology, 2020, 138, 111222.	1.8	11
16	Insights into suckling rabbit feeding behaviour: acceptability of different creep feed presentations and attractiveness for sensory feed additives. Animal, 2020, 14, 1629-1637.	1.3	4
17	Gut microbiota derived metabolites contribute to intestinal barrier maturation at the suckling-to-weaning transition. Gut Microbes, 2020, 11, 1268-1286.	4.3	72
18	EcosystÃ¨me caecal et nutrition du lapin : interactions avec la santÃ© digestive. INRA Productions Animales, 2020, 21, 239-250.	0.3	11

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19	Analyse comparÃ©e des Ã©cosystÃ¨mes digestifs du rumen de la vache et du caecum du lapin. INRA Productions Animales, 2020, 25, 395-406.	0.3	3
20	Onset of feed intake of the suckling rabbit and evidence of dietary preferences according to pellet physical properties. Animal Feed Science and Technology, 2019, 255, 114223.	1.1	6
21	Dehydrated Alfalfa and Fresh Grass Supply in Young Rabbits: Effect on Performance and Caecal Microbiota Biodiversity. Animals, 2019, 9, 341.	1.0	9
22	Diversity and Co-occurrence Pattern Analysis of Cecal Microbiota Establishment at the Onset of Solid Feeding in Young Rabbits. Frontiers in Microbiology, 2019, 10, 973.	1.5	16
23	The MACADAM database: a MetAboliC pAthways DAtabase for Microbial taxonomic groups for mining potential metabolic capacities of archaeal and bacterial taxonomic groups. Database: the Journal of Biological Databases and Curation, 2019, 2019, .	1.4	29
24	Intergenerational Transmission of Characters Through Genetics, Epigenetics, Microbiota, and Learning in Livestock. Frontiers in Genetics, 2019, 10, 1058.	1.1	12
25	FROGS: Find, Rapidly, OTUs with Galaxy Solution. Bioinformatics, 2018, 34, 1287-1294.	1.8	660
26	Fumonisin-Exposure Impairs Age-Related Ecological Succession of Bacterial Species in Weaned Pig Gut Microbiota. Toxins, 2018, 10, 230.	1.5	32
27	Saccharomyces cerevisiae Boulardii Reduces the Deoxynivalenol-Induced Alteration of the Intestinal Transcriptome. Toxins, 2018, 10, 199.	1.5	21
28	Pour des lapereaux plus robustes au sevrage : des bases biologiques aux leviers dâ€™action en Ã©levage. INRA Productions Animales, 2018, 31, 105-116.	0.3	3
29	Rumen microbiota and dietary fat: a mutual shaping. Journal of Applied Microbiology, 2017, 123, 782-797.	1.4	90
30	Substituting starch with digestible fiber does not impact on health status or growth in restricted fed rabbits. Animal Feed Science and Technology, 2017, 226, 152-161.	1.1	14
31	Impact of feed restriction and housing hygiene conditions on specific and inflammatory immune response, the cecal bacterial community and the survival of young rabbits. Animal, 2017, 11, 854-863.	1.3	25
32	Influence of feeding strategy and diet for reproductive rabbit does on intake, performances, and health of young and females before and after weaning1. Journal of Animal Science, 2016, 94, 4848-4859.	0.2	5
33	Feed composition at the onset of feeding behaviour influences slaughter weight in rabbits. Livestock Science, 2016, 184, 97-102.	0.6	3
34	An LPS based method to stimulate the inflammatory response in growing rabbits. World Rabbit Science, 2016, 24, 55.	0.1	2
35	Quantitative Feed Restriction Rather Than Caloric Restriction Modulates the Immune Response of Growing Rabbits. Journal of Nutrition, 2015, 145, 483-489.	1.3	9
36	Stimulate feed intake before weaning and control intake after weaning to optimise health and growth performance. World Rabbit Science, 2015, 23, 145.	0.1	9

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37	Coprophagous behavior of rabbit pups affects implantation of cecal microbiota and health status1. Journal of Animal Science, 2014, 92, 652-665.	0.2	46
38	Early modulation of the cecal microbial activity in the young rabbit with rapidly fermentable fiber: Impact on health and growth1. Journal of Animal Science, 2014, 92, 5551-5559.	0.2	6
39	Overfeeding and genetics affect the composition of intestinal microbiota in<i>Anas platyrhynchos</i>(Pekin) and<i>Cairina moschata</i>(Muscovy) ducks. FEMS Microbiology Ecology, 2014, 87, 204-216.	1.3	46
40	Lactobacillus sakei modulates mule duck microbiota in ileum and ceca during overfeeding. Poultry Science, 2014, 93, 916-925.	1.5	26
41	Increasing the digestible energy intake under a restriction strategy improves the feed conversion ratio of the growing rabbit without negatively impacting the health status. Livestock Science, 2014, 169, 96-105.	0.6	30
42	Establishment of ruminal bacterial community in dairy calves from birth to weaning is sequential. Journal of Applied Microbiology, 2014, 116, 245-257.	1.4	266
43	OligoSpecificitySystem: global matching efficiency calculation of oligonucleotide sets taking into account degeneracy and mismatch possibilities. International Journal of Data Mining and Bioinformatics, 2014, 9, 417.	0.1	1
44	Protein replacement by digestible fibre in the diet of growing rabbits. 1: Impact on digestive balance, nitrogen excretion and microbial activity. Animal Feed Science and Technology, 2013, 183, 132-141.	1.1	15
45	Microbial ecology of the rumen evaluated by 454 GS FLX pyrosequencing is affected by starch and oil supplementation of diets. FEMS Microbiology Ecology, 2013, 83, 504-514.	1.3	224
46	Engineering the rabbit digestive ecosystem to improve digestive health and efficacy. Animal, 2013, 7, 1429-1439.	1.3	55
47	Feed intake limitation strategies for the growing rabbit: effect on feeding behaviour, welfare, performance, digestive physiology and health: a review. Animal, 2012, 6, 1407-1419.	1.3	73
48	Live yeast stability in rabbit digestive tract: Consequences on the caecal ecosystem, digestion, growth and digestive health. Animal Feed Science and Technology, 2012, 173, 235-243.	1.1	22
49	Modification of activities of the ruminal ecosystem and its bacterial and protozoan composition during repeated dietary changes in cows1. Journal of Animal Science, 2012, 90, 4431-4440.	0.2	5
50	Changes over time in the bacterial communities associated with fluid and food particles and the ruminal parameters in the bovine rumen before and after a dietary change. Canadian Journal of Microbiology, 2011, 57, 629-637.	0.8	10
51	Starch and oil in the donor cow diet and starch in substrate differently affect the in vitro ruminal biohydrogenation of linoleic and linolenic acids. Journal of Dairy Science, 2011, 94, 5634-5645.	1.4	40
52	Rapid adaptation of the bacterial community in the growing rabbit caecum after a change in dietary fibre supply. Animal, 2011, 5, 1761-1768.	1.3	30
53	Postnatal development of the rabbit caecal microbiota composition and activity. FEMS Microbiology Ecology, 2011, 77, 680-689.	1.3	73
54	Random changes in the heifer rumen in bacterial community structure, physico-chemical and fermentation parameters, and in vitro fiber degradation. Livestock Science, 2011, 141, 104-112.	0.6	7

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55	Effects of stocking density on the growth performance and digestive microbiota of broiler chickens. Poultry Science, 2011, 90, 1878-1889.	1.5	103
56	Influence of cage or pen housing on carcass traits and meat quality of rabbit. Animal, 2010, 4, 295-302.	1.3	34
57	Molecular analysis of the bacterial community in digestive tract of rabbit. Anaerobe, 2010, 16, 61-65.	1.0	58
58	Comparison of the archaeal community in the fermentative compartment and faeces of the cow and the rabbit. Anaerobe, 2010, 16, 396-401.	1.0	20
59	Digestive physiology and hindgut bacterial community of the young rabbit (Oryctolagus cuniculus): Effects of age and short-term intake limitation. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2010, 156, 156-162.	0.8	23
60	Temperature and duration of heating of sunflower oil affect ruminal biohydrogenation of linoleic acid in vitro. Journal of Dairy Science, 2010, 93, 711-722.	1.4	23
61	Contribution of intensive rabbit breeding to sustainable development. A semi-quantitative analysis of the production in France. World Rabbit Science, 2010, 17, .	0.1	3
62	Skeletal muscle adaptations and biomechanical properties of tendons in response to jump exercise in rabbits1. Journal of Animal Science, 2009, 87, 544-553.	0.2	25
63	Spatial and temporal variations of the bacterial community in the bovine digestive tract. Journal of Applied Microbiology, 2009, 107, 1642-1650.	1.4	34
64	StatFingerprints: a friendly graphical interface program for processing and analysis of microbial fingerprint profiles. Molecular Ecology Resources, 2009, 9, 1359-1363.	2.2	92
65	Feed restriction strategy in the growing rabbit. 2. Impact on digestive health, growth and carcass characteristics. Animal, 2009, 3, 509-515.	1.3	83
66	Potential core species and satellite species in the bacterial community within the rabbit caecum. FEMS Microbiology Ecology, 2008, 66, 620-629.	1.3	76
67	Relationships between sensory and physicochemical measurements in meat of rabbit from three different breeding systems using canonical correlation analysis. Meat Science, 2008, 80, 835-841.	2.7	33
68	Ability of physicoâ€chemical measureâ€ments to discriminate rabbit meat from three different productive processes. Journal of the Science of Food and Agriculture, 2007, 87, 2302-2309.	1.7	5
69	Divergent selection on 63-day body weight in the rabbit: response on growth, carcass and muscle traits. Genetics Selection Evolution, 2005, 37, 105-22.	1.2	38
70	Carcass composition, bone mechanical properties, and meat quality traits in relation to growth rate in rabbits1. Journal of Animal Science, 2005, 83, 1526-1535.	0.2	45
71	Effects of exercise during growth and alternative rearing systems on muscle fibers and collagen properties. Reproduction, Nutrition, Development, 2005, 45, 69-86.	1.9	36
72	Effect of cooking temperature and cooking time on Warnerâ€"Bratzler tenderness measurement and collagen content in rabbit meat. Meat Science, 2004, 66, 91-96.	2.7	101

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73	Effects of jump training on passive mechanical stress and stiffness in rabbit skeletal muscle: role of collagen. Acta Physiologica Scandinavica, 2003, 178, 215-224.	2.3	60
74	Effects of divergent selection for body weight at a fixed age on histological, chemical and rheological characteristics of rabbit muscles. Livestock Science, 2002, 76, 81-89.	1.2	16
75	Moderate Food Restriction Affects Skeletal Muscle and Liver Growth Hormone Receptors Differently in Pigs. Journal of Nutrition, 1997, 127, 1944-1949.	1.3	16
76	Effect of GH administration on GH and IGF-I receptors in porcine skeletal muscle and liver in relation to plasma GH-binding protein. Journal of Endocrinology, 1997, 155, 19-26.	1.2	19
77	Developmental Changes in Insulin-like Growth Factor-I (IGF-I) Receptor Levels and Plasma IGF-I Concentrations in Large White and Meishan Pigs. General and Comparative Endocrinology, 1996, 104, 29-36.	0.8	27
78	Ontogeny of GH receptor and GH-binding protein in the pig. Journal of Endocrinology, 1996, 148, 249-255.	1.2	50