

Sylvie Combes

List of Publications by Year in descending order

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Version: 2024-02-01

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 | FROGS: Find, Rapidly, OTUs with Galaxy Solution. <i>Bioinformatics</i> , 2018, 34, 1287-1294. | 1.8 | 660 |
| 2 | Establishment of ruminal bacterial community in dairy calves from birth to weaning is sequential. <i>Journal of Applied Microbiology</i> , 2014, 116, 245-257. | 1.4 | 266 |
| 3 | Microbial ecology of the rumen evaluated by 454 GS FLX pyrosequencing is affected by starch and oil supplementation of diets. <i>FEMS Microbiology Ecology</i> , 2013, 83, 504-514. | 1.3 | 224 |
| 4 | Effects of stocking density on the growth performance and digestive microbiota of broiler chickens. <i>Poultry Science</i> , 2011, 90, 1878-1889. | 1.5 | 103 |
| 5 | Effect of cooking temperature and cooking time on Warner's Bratzler tenderness measurement and collagen content in rabbit meat. <i>Meat Science</i> , 2004, 66, 91-96. | 2.7 | 101 |
| 6 | StatFingerprints: a friendly graphical interface program for processing and analysis of microbial fingerprint profiles. <i>Molecular Ecology Resources</i> , 2009, 9, 1359-1363. | 2.2 | 92 |
| 7 | Rumen microbiota and dietary fat: a mutual shaping. <i>Journal of Applied Microbiology</i> , 2017, 123, 782-797. | 1.4 | 90 |
| 8 | Feed restriction strategy in the growing rabbit. 2. Impact on digestive health, growth and carcass characteristics. <i>Animal</i> , 2009, 3, 509-515. | 1.3 | 83 |
| 9 | Potential core species and satellite species in the bacterial community within the rabbit caecum. <i>FEMS Microbiology Ecology</i> , 2008, 66, 620-629. | 1.3 | 76 |
| 10 | Postnatal development of the rabbit caecal microbiota composition and activity. <i>FEMS Microbiology Ecology</i> , 2011, 77, 680-689. | 1.3 | 73 |
| 11 | Feed intake limitation strategies for the growing rabbit: effect on feeding behaviour, welfare, performance, digestive physiology and health: a review. <i>Animal</i> , 2012, 6, 1407-1419. | 1.3 | 73 |
| 12 | Gut microbiota derived metabolites contribute to intestinal barrier maturation at the suckling-to-weaning transition. <i>Gut Microbes</i> , 2020, 11, 1268-1286. | 4.3 | 72 |
| 13 | Effects of jump training on passive mechanical stress and stiffness in rabbit skeletal muscle: role of collagen. <i>Acta Physiologica Scandinavica</i> , 2003, 178, 215-224. | 2.3 | 60 |
| 14 | Molecular analysis of the bacterial community in digestive tract of rabbit. <i>Anaerobe</i> , 2010, 16, 61-65. | 1.0 | 58 |
| 15 | Engineering the rabbit digestive ecosystem to improve digestive health and efficacy. <i>Animal</i> , 2013, 7, 1429-1439. | 1.3 | 55 |
| 16 | Ontogeny of GH receptor and GH-binding protein in the pig. <i>Journal of Endocrinology</i> , 1996, 148, 249-255. | 1.2 | 50 |
| 17 | Coprophagous behavior of rabbit pups affects implantation of cecal microbiota and health status ¹ . <i>Journal of Animal Science</i> , 2014, 92, 652-665. | 0.2 | 46 |
| 18 | Overfeeding and genetics affect the composition of intestinal microbiota in <i>Anas platyrhynchos</i> (Pekin) and <i>Cairina moschata</i> (Muscovy) ducks. <i>FEMS Microbiology Ecology</i> , 2014, 87, 204-216. | 1.3 | 46 |

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|----|---|-----|-----------|
| 19 | Carcass composition, bone mechanical properties, and meat quality traits in relation to growth rate in rabbits ¹ . <i>Journal of Animal Science</i> , 2005, 83, 1526-1535. | 0.2 | 45 |
| 20 | Starch and oil in the donor cow diet and starch in substrate differently affect the in vitro ruminal biohydrogenation of linoleic and linolenic acids. <i>Journal of Dairy Science</i> , 2011, 94, 5634-5645. | 1.4 | 40 |
| 21 | Divergent selection on 63-day body weight in the rabbit: response on growth, carcass and muscle traits. <i>Genetics Selection Evolution</i> , 2005, 37, 105-22. | 1.2 | 38 |
| 22 | Effects of exercise during growth and alternative rearing systems on muscle fibers and collagen properties. <i>Reproduction, Nutrition, Development</i> , 2005, 45, 69-86. | 1.9 | 36 |
| 23 | Spatial and temporal variations of the bacterial community in the bovine digestive tract. <i>Journal of Applied Microbiology</i> , 2009, 107, 1642-1650. | 1.4 | 34 |
| 24 | Influence of cage or pen housing on carcass traits and meat quality of rabbit. <i>Animal</i> , 2010, 4, 295-302. | 1.3 | 34 |
| 25 | Relationships between sensory and physicochemical measurements in meat of rabbit from three different breeding systems using canonical correlation analysis. <i>Meat Science</i> , 2008, 80, 835-841. | 2.7 | 33 |
| 26 | Fumonisin-Exposure Impairs Age-Related Ecological Succession of Bacterial Species in Weaned Pig Gut Microbiota. <i>Toxins</i> , 2018, 10, 230. | 1.5 | 32 |
| 27 | Gut Microbiota-Derived Metabolite Signature in Suckling and Weaned Piglets. <i>Journal of Proteome Research</i> , 2021, 20, 982-994. | 1.8 | 31 |
| 28 | Rapid adaptation of the bacterial community in the growing rabbit caecum after a change in dietary fibre supply. <i>Animal</i> , 2011, 5, 1761-1768. | 1.3 | 30 |
| 29 | Increasing the digestible energy intake under a restriction strategy improves the feed conversion ratio of the growing rabbit without negatively impacting the health status. <i>Livestock Science</i> , 2014, 169, 96-105. | 0.6 | 30 |
| 30 | The MACADAM database: a MetAboliC pAthways DATabase for Microbial taxonomic groups for mining potential metabolic capacities of archaeal and bacterial taxonomic groups. <i>Database: the Journal of Biological Databases and Curation</i> , 2019, 2019, . | 1.4 | 29 |
| 31 | Developmental Changes in Insulin-like Growth Factor-I (IGF-I) Receptor Levels and Plasma IGF-I Concentrations in Large White and Meishan Pigs. <i>General and Comparative Endocrinology</i> , 1996, 104, 29-36. | 0.8 | 27 |
| 32 | <i>Lactobacillus sakei</i> modulates mule duck microbiota in ileum and ceca during overfeeding. <i>Poultry Science</i> , 2014, 93, 916-925. | 1.5 | 26 |
| 33 | Skeletal muscle adaptations and biomechanical properties of tendons in response to jump exercise in rabbits ¹ . <i>Journal of Animal Science</i> , 2009, 87, 544-553. | 0.2 | 25 |
| 34 | Impact of feed restriction and housing hygiene conditions on specific and inflammatory immune response, the cecal bacterial community and the survival of young rabbits. <i>Animal</i> , 2017, 11, 854-863. | 1.3 | 25 |
| 35 | Digestive physiology and hindgut bacterial community of the young rabbit (<i>Oryctolagus cuniculus</i>): Effects of age and short-term intake limitation. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2010, 156, 156-162. | 0.8 | 23 |
| 36 | Temperature and duration of heating of sunflower oil affect ruminal biohydrogenation of linoleic acid in vitro. <i>Journal of Dairy Science</i> , 2010, 93, 711-722. | 1.4 | 23 |

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|----|--|-----|-----------|
| 37 | Live yeast stability in rabbit digestive tract: Consequences on the caecal ecosystem, digestion, growth and digestive health. <i>Animal Feed Science and Technology</i> , 2012, 173, 235-243. | 1.1 | 22 |
| 38 | <i>Saccharomyces cerevisiae</i> Boulardii Reduces the Deoxynivalenol-Induced Alteration of the Intestinal Transcriptome. <i>Toxins</i> , 2018, 10, 199. | 1.5 | 21 |
| 39 | Comparison of the archaeal community in the fermentative compartment and faeces of the cow and the rabbit. <i>Anaerobe</i> , 2010, 16, 396-401. | 1.0 | 20 |
| 40 | Effect of GH administration on GH and IGF-I receptors in porcine skeletal muscle and liver in relation to plasma GH-binding protein. <i>Journal of Endocrinology</i> , 1997, 155, 19-26. | 1.2 | 19 |
| 41 | Dietary composition and yeast/microalgae combination supplementation modulate the microbial ecosystem in the caecum, colon and faeces of horses. <i>British Journal of Nutrition</i> , 2020, 123, 372-382. | 1.2 | 17 |
| 42 | Moderate Food Restriction Affects Skeletal Muscle and Liver Growth Hormone Receptors Differently in Pigs. <i>Journal of Nutrition</i> , 1997, 127, 1944-1949. | 1.3 | 16 |
| 43 | Effects of divergent selection for body weight at a fixed age on histological, chemical and rheological characteristics of rabbit muscles. <i>Livestock Science</i> , 2002, 76, 81-89. | 1.2 | 16 |
| 44 | Diversity and Co-occurrence Pattern Analysis of Cecal Microbiota Establishment at the Onset of Solid Feeding in Young Rabbits. <i>Frontiers in Microbiology</i> , 2019, 10, 973. | 1.5 | 16 |
| 45 | Protein replacement by digestible fibre in the diet of growing rabbits. 1: Impact on digestive balance, nitrogen excretion and microbial activity. <i>Animal Feed Science and Technology</i> , 2013, 183, 132-141. | 1.1 | 15 |
| 46 | Substituting starch with digestible fiber does not impact on health status or growth in restricted fed rabbits. <i>Animal Feed Science and Technology</i> , 2017, 226, 152-161. | 1.1 | 14 |
| 47 | Intergenerational Transmission of Characters Through Genetics, Epigenetics, Microbiota, and Learning in Livestock. <i>Frontiers in Genetics</i> , 2019, 10, 1058. | 1.1 | 12 |
| 48 | Culture of rabbit caecum organoids by reconstituting the intestinal stem cell niche in vitro with pharmacological inhibitors or L-WRN conditioned medium. <i>Stem Cell Research</i> , 2020, 48, 101980. | 0.3 | 11 |
| 49 | ¹ H-NMR metabolomics response to a realistic diet contamination with the mycotoxin deoxynivalenol: Effect of probiotics supplementation. <i>Food and Chemical Toxicology</i> , 2020, 138, 111222. | 1.8 | 11 |
| 50 | Ecosystème caecal et nutrition du lapin : interactions avec la santé digestive. <i>INRA Productions Animales</i> , 2020, 21, 239-250. | 0.3 | 11 |
| 51 | 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. <i>Canadian Journal of Microbiology</i> , 2011, 57, 629-637. | 0.8 | 10 |
| 52 | Quantitative Feed Restriction Rather Than Caloric Restriction Modulates the Immune Response of Growing Rabbits. <i>Journal of Nutrition</i> , 2015, 145, 483-489. | 1.3 | 9 |
| 53 | Dehydrated Alfalfa and Fresh Grass Supply in Young Rabbits: Effect on Performance and Caecal Microbiota Biodiversity. <i>Animals</i> , 2019, 9, 341. | 1.0 | 9 |
| 54 | Early Introduction of Solid Feeds: Ingestion Level Matters More Than Prebiotic Supplementation for Shaping Gut Microbiota. <i>Frontiers in Veterinary Science</i> , 2020, 7, 261. | 0.9 | 9 |

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|----|--|-----|-----------|
| 55 | Stimulate feed intake before weaning and control intake after weaning to optimise health and growth performance. <i>World Rabbit Science</i> , 2015, 23, 145. | 0.1 | 9 |
| 56 | Random changes in the heifer rumen in bacterial community structure, physico-chemical and fermentation parameters, and in vitro fiber degradation. <i>Livestock Science</i> , 2011, 141, 104-112. | 0.6 | 7 |
| 57 | <i>Saccharomyces cerevisiae</i> boulardii CNCM I-1079 supplementation in finishing male pigs helps to cope with heat stress through feeding behaviour and gut microbiota modulation. <i>British Journal of Nutrition</i> , 2021, , 1-16. | 1.2 | 7 |
| 58 | Early modulation of the cecal microbial activity in the young rabbit with rapidly fermentable fiber: Impact on health and growth. <i>Journal of Animal Science</i> , 2014, 92, 5551-5559. | 0.2 | 6 |
| 59 | Onset of feed intake of the suckling rabbit and evidence of dietary preferences according to pellet physical properties. <i>Animal Feed Science and Technology</i> , 2019, 255, 114223. | 1.1 | 6 |
| 60 | Part-time grouping of rabbit does in enriched housing: effects on performances, injury occurrence and enrichment use. <i>Animal</i> , 2021, 15, 100390. | 1.3 | 6 |
| 61 | Ability of physico-chemical measurements to discriminate rabbit meat from three different productive processes. <i>Journal of the Science of Food and Agriculture</i> , 2007, 87, 2302-2309. | 1.7 | 5 |
| 62 | Modification of activities of the ruminal ecosystem and its bacterial and protozoan composition during repeated dietary changes in cows. <i>Journal of Animal Science</i> , 2012, 90, 4431-4440. | 0.2 | 5 |
| 63 | Influence of feeding strategy and diet for reproductive rabbit does on intake, performances, and health of young and females before and after weaning. <i>Journal of Animal Science</i> , 2016, 94, 4848-4859. | 0.2 | 5 |
| 64 | Evolution of gut microbial community through reproductive life in female rabbits and investigation of the link with offspring survival. <i>Animal</i> , 2020, 14, 2253-2261. | 1.3 | 5 |
| 65 | Impact of feed restriction and fragmented feed distribution on performance, intake behaviour and digestion of the growing rabbit. <i>Animal</i> , 2021, 15, 100270. | 1.3 | 5 |
| 66 | Developmental Stage, Solid Food Introduction, and Suckling Cessation Differentially Influence the Comaturation of the Gut Microbiota and Intestinal Epithelium in Rabbits. <i>Journal of Nutrition</i> , 2022, 152, 723-736. | 1.3 | 5 |
| 67 | Insights into suckling rabbit feeding behaviour: acceptability of different creep feed presentations and attractiveness for sensory feed additives. <i>Animal</i> , 2020, 14, 1629-1637. | 1.3 | 4 |
| 68 | A carvacrol-based product reduces <i>Campylobacter jejuni</i> load and alters microbiota composition in the caeca of chickens. <i>Journal of Applied Microbiology</i> , 2022, 132, 4501-4516. | 1.4 | 4 |
| 69 | Feed composition at the onset of feeding behaviour influences slaughter weight in rabbits. <i>Livestock Science</i> , 2016, 184, 97-102. | 0.6 | 3 |
| 70 | Analyse comparative des écosystèmes digestifs du rumen de la vache et du caecum du lapin. <i>INRA Productions Animales</i> , 2020, 25, 395-406. | 0.3 | 3 |
| 71 | Pour des lapereaux plus robustes au sevrage : des bases biologiques aux leviers d'action en élevage. <i>INRA Productions Animales</i> , 2018, 31, 105-116. | 0.3 | 3 |
| 72 | Contribution of intensive rabbit breeding to sustainable development. A semi-quantitative analysis of the production in France. <i>World Rabbit Science</i> , 2010, 17, . | 0.1 | 3 |

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|----|---|-----|-----------|
| 73 | An LPS based method to stimulate the inflammatory response in growing rabbits. World Rabbit Science, 2016, 24, 55. | 0.1 | 2 |
| 74 | 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 |
| 75 | 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 |
| 76 | 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 |
| 77 | 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 |
| 78 | 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 |