# Simon G Lillico

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 47 papers | 3,528 citations | 201575 27 h-index | 214721 47 g-index |
| 49 all docs | 49 docs citations | 49 times ranked | 3934 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Donor-derived spermatogenesis following stem cell transplantation in sterile NANOS2 knockout males. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 24195-24204. | 3.3 | 52 |
| 2 | Substitution of warthog NF-ÎºB motifs into RELA of domestic pigs is not sufficient to confer resilience to African swine fever virus. Scientific Reports, 2020, 10, 8951. | 1.6 | 25 |
| 3 | Swine ANP32A Supports Avian Influenza Virus Polymerase. Journal of Virology, 2020, 94, . | 1.5 | 26 |
| 4 | Genome editing for disease resistance in pigs and chickens. Animal Frontiers, 2019, 9, 6-12. | 0.8 | 30 |
| 5 | CRISPR/Cas9 mediated generation of an ovine model for infantile neuronal ceroid lipofuscinosis (CLN1) Tj ETQq1 1 0.784314 rgBT /Ov | 1.6 | 41 |
| 6 | Agricultural applications of genome editing in farmed animals. Transgenic Research, 2019, 28, 57-60. | 1.3 | 6 |
| 7 | On-Farm Livestock Genome Editing Using Cutting Edge Reproductive Technologies. Frontiers in Sustainable Food Systems, 2019, 3, . | 1.8 | 26 |
| 8 | CRISPR-Based Gene Drives for Pest Control. Trends in Biotechnology, 2018, 36, 130-133. | 4.9 | 61 |
| 9 | C9ORF72 repeat expansion causes vulnerability of motor neurons to Ca2+-permeable AMPA receptor-mediated excitotoxicity. Nature Communications, 2018, 9, 347. | 5.8 | 151 |
| 10 | A chicken bioreactor for efficient production of functional cytokines. BMC Biotechnology, 2018, 18, 82. | 1.7 | 33 |
| 11 | Generation of Functional Myocytes from Equine Induced Pluripotent Stem Cells. Cellular Reprogramming, 2018, 20, 275-281. | 0.5 | 15 |
| 12 | Pigs Lacking the Scavenger Receptor Cysteine-Rich Domain 5 of CD163 Are Resistant to Porcine Reproductive and Respiratory Syndrome Virus 1 Infection. Journal of Virology, 2018, 92, . | 1.5 | 149 |
| 13 | Generation of germline ablated male pigs by CRISPR/Cas9 editing of the NANOS2 gene. Scientific Reports, 2017, 7, 40176. | 1.6 | 102 |
| 14 | Precision engineering for PRRSV resistance in pigs: Macrophages from genome edited pigs lacking CD163 SRCR5 domain are fully resistant to both PRRSV genotypes while maintaining biological function. PLoS Pathogens, 2017, 13, e1006206. | 2.1 | 282 |
| 15 | Comparison of CRISPR/Cas9 and TALENs on editing an integrated EGFP gene in the genome of HEK293FT cells. SpringerPlus, 2016, 5, 814. | 1.2 | 22 |
| 16 | Mammalian interspecies substitution of immune modulatory alleles by genome editing. Scientific Reports, 2016, 6, 21645. | 1.6 | 83 |
| 17 | Genetically engineering milk. Journal of Dairy Research, 2016, 83, 3-11. | 0.7 | 8 |
| 18 | A Csf1r-EGFP Transgene Provides a Novel Marker for Monocyte Subsets in Sheep. Journal of Immunology, 2016, 197, 2297-2305. | 0.4 | 21 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Comparison of surrogate reporter systems for enrichment of cells with mutations induced by genome editors. Journal of Biotechnology, 2016, 221, 49-54. | 1.9 | 10 |
| 20 | Engineering large animal models of human disease. Journal of Pathology, 2016, 238, 247-256. | 2.1 | 119 |
| 21 | Gene targeting, genome editing: from Dolly to editors. Transgenic Research, 2016, 25, 273-287. | 1.3 | 129 |
| 22 | Genome edited sheep and cattle. Transgenic Research, 2015, 24, 147-153. | 1.3 | 203 |
| 23 | Highly efficient targeted chromosome deletions using CRISPR/Cas9. Biotechnology and Bioengineering, 2015, 112, 1060-1064. | 1.7 | 68 |
| 24 | Lentiviral vectors containing mouse Csf1r control elements direct macrophage-restricted expression in multiple species of birds and mammals. Molecular Therapy - Methods and Clinical Development, 2014, 1, 14010. | 1.8 | 10 |
| 25 | Mammary gland development is delayed in mice deficient for aminopeptidase N. Transgenic Research, 2013, 22, 425-434. | 1.3 | 6 |
| 26 | Live pigs produced from genome edited zygotes. Scientific Reports, 2013, 3, 2847. | 1.6 | 149 |
| 27 | Stable conditional expression and effect of C/EBPÎ²-LIP in adipocytes using the pSLIK system. Journal of Molecular Endocrinology, 2013, 51, 91-98. | 1.1 | 3 |
| 28 | Behaviour of postnatally growth-impaired mice during malnutrition and after partial weight recovery. Nutritional Neuroscience, 2013, 16, 125-134. | 1.5 | 2 |
| 29 | Rapid Cohort Generation and Analysis of Disease Spectrum of Large Animal Model of Cone Dystrophy. PLoS ONE, 2013, 8, e71363. | 1.1 | 17 |
| 30 | USP18 restricts PRRSV growth through alteration of nuclear translocation of NF-ÎºB p65 and p50 in MARC-145 cells. Virus Research, 2012, 169, 264-267. | 1.1 | 22 |
| 31 | Efficient TALEN-mediated gene knockout in livestock. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 17382-17387. | 3.3 | 524 |
| 32 | Ovine-Induced Pluripotent Stem Cells Can Contribute to Chimeric Lambs. Cellular Reprogramming, 2012, 14, 8-19. | 0.5 | 46 |
| 33 | Welfare assessment in transgenic pigs expressing green fluorescent protein (GFP). Transgenic Research, 2012, 21, 773-784. | 1.3 | 6 |
| 34 | Milk Lacking Î±-Casein Leads to Permanent Reduction in Body Size in Mice. PLoS ONE, 2011, 6, e21775. | 1.1 | 20 |
| 35 | Lentiviral transgenesis in livestock. Transgenic Research, 2011, 20, 441-442. | 1.3 | 14 |
| 36 | Tissue-specific and expression of porcine growth hormone gene in BAC transgenic mice. Transgenic Research, 2011, 20, 933-938. | 1.3 | 5 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Species-Specific Variation in RELA Underlies Differences in NF-ÎºB Activity: a Potential Role in African Swine Fever Pathogenesis. Journal of Virology, 2011, 85, 6008-6014. | 1.5 | 48 |
| 38 | Zinc finger nuclease technology heralds a new era in mammalian transgenesis. Trends in Biotechnology, 2010, 28, 134-141. | 4.9 | 83 |
| 39 | Functional conservation between rodents and chicken of regulatory sequences driving skeletal muscle gene expression in transgenic chickens. BMC Developmental Biology, 2010, 10, 26. | 2.1 | 12 |
| 40 | Transgenic sheep designed for transplantation studies. Molecular Reproduction and Development, 2009, 76, 61-64. | 1.0 | 36 |
| 41 | Localised axial progenitor cell populations in the avian tail bud are not committed to a posterior Hox identity. Development (Cambridge), 2008, 135, 2289-2299. | 1.2 | 152 |
| 42 | Trypanosoma brucei MOB1 is required for accurate and efficient cytokinesis but not for exit from mitosis. Molecular Microbiology, 2005, 56, 104-116. | 1.2 | 58 |
| 43 | Transgenic chickens as bioreactors for protein-based drugs. Drug Discovery Today, 2005, 10, 191-196. | 3.2 | 113 |
| 44 | Efficient production of germline transgenic chickens using lentiviral vectors. EMBO Reports, 2004, 5, 728-733. | 2.0 | 353 |
| 45 | Essential Roles for GPI-anchored Proteins in African Trypanosomes Revealed Using Mutants Deficient in GPI8. Molecular Biology of the Cell, 2003, 14, 1182-1194. | 0.9 | 108 |
| 46 | Characterisation of theQMgene ofTrypanosoma brucei. FEMS Microbiology Letters, 2002, 211, 123-128. | 0.7 | 28 |
| 47 | Programmed Cell Death in Procyclic Form Trypanosoma brucei rhodesiense - Identification of Differentially Expressed Genes during Con A Induced Death. Memorias Do Instituto Oswaldo Cruz, 1999, 94, 229-234. | 0.8 | 49 |