

# Maria Montoya

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/5126017/maria-montoya-publications-by-year.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

77  
papers

2,914  
citations

28  
h-index

52  
g-index

85  
ext. papers

3,553  
ext. citations

5  
avg, IF

5.16  
L-index

| #  | Paper                                                                                                                                                                                                                                                       | IF  | Citations |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 77 | Heterogeneous populations from in vitro cultures of antigen presenting cells in pigs. <i>Veterinary Immunology and Immunopathology</i> , <b>2021</b> , 234, 110215                                                                                          | 2   |           |
| 76 | Exosome-Based Vaccines: Pros and Cons in the World of Animal Health. <i>Viruses</i> , <b>2021</b> , 13,                                                                                                                                                     | 6.2 | 1         |
| 75 | SARS-CoV-2 Accessory Proteins in Viral Pathogenesis: Knowns and Unknowns. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 708264                                                                                                                         | 8.4 | 40        |
| 74 | Absence of Long-Term Protection in Domestic Pigs Immunized with Attenuated African Swine Fever Virus Isolate OURT88/3 or BeninMGF Correlates with Increased Levels of Regulatory T Cells and Interleukin-10. <i>Journal of Virology</i> , <b>2020</b> , 94, | 6.6 | 18        |
| 73 | A Pool of Eight Virally Vectored African Swine Fever Antigens Protect Pigs Against Fatal Disease. <i>Vaccines</i> , <b>2020</b> , 8,                                                                                                                        | 5.3 | 27        |
| 72 | Contrasting grapevines grafted into naturalized rootstock suggest scion-driven transcriptomic changes in response to water deficit. <i>Scientia Horticulturae</i> , <b>2020</b> , 262, 109031                                                               | 4.1 | 5         |
| 71 | Identification of a Newly Conserved SLA-II Epitope in a Structural Protein of Swine Influenza Virus. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 2083                                                                                                | 8.4 |           |
| 70 | Differential Viral-Host Immune Interactions Associated with Oseltamivir-Resistant H275Y and Wild-Type H1N1 A(pdm09) Influenza Virus Pathogenicity. <i>Viruses</i> , <b>2020</b> , 12,                                                                       | 6.2 | 1         |
| 69 | An Update on African Swine Fever Virology. <i>Viruses</i> , <b>2019</b> , 11,                                                                                                                                                                               | 6.2 | 38        |
| 68 | Serum-Derived Extracellular Vesicles from African Swine Fever Virus-Infected Pigs Selectively Recruit Viral and Porcine Proteins. <i>Viruses</i> , <b>2019</b> , 11,                                                                                        | 6.2 | 10        |
| 67 | African Swine Fever: Disease Dynamics in Wild Boar Experimentally Infected with ASFV Isolates Belonging to Genotype I and II. <i>Viruses</i> , <b>2019</b> , 11,                                                                                            | 6.2 | 28        |
| 66 | Bovine Derived Cultures Generate Heterogeneous Populations of Antigen Presenting Cells. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 612                                                                                                              | 8.4 | 8         |
| 65 | <i>Brucella canis</i> induces canine CD4 T cells multi-cytokine Th1/Th17 production via dendritic cell activation. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , <b>2019</b> , 62, 68-75                                            | 2.6 | 5         |
| 64 | Cellular Innate Immunity against PRRSV and Swine Influenza Viruses. <i>Veterinary Sciences</i> , <b>2019</b> , 6,                                                                                                                                           | 2.4 | 14        |
| 63 | Key Gaps in the Knowledge of the Porcine Respiratory Reproductive Syndrome Virus (PRRSV). <i>Frontiers in Veterinary Science</i> , <b>2019</b> , 6, 38                                                                                                      | 3.1 | 45        |
| 62 | Adverse Childhood Experiences Among Gynecology Patients With Chronic Pelvic Pain. <i>Obstetrics and Gynecology</i> , <b>2019</b> , 134, 1087-1095                                                                                                           | 4.9 | 12        |
| 61 | African swine fever: A re-emerging viral disease threatening the global pig industry. <i>Veterinary Journal</i> , <b>2018</b> , 233, 41-48                                                                                                                  | 2.5 | 187       |

|    |                                                                                                                                                                                                                                                         |      |    |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----|
| 60 | Contributions of Farm Animals to Immunology. <i>Frontiers in Veterinary Science</i> , <b>2018</b> , 5, 307                                                                                                                                              | 3.1  | 17 |
| 59 | Targeted-pig trial on safety and immunogenicity of serum-derived extracellular vesicles enriched fractions obtained from Porcine Respiratory and Reproductive virus infections. <i>Scientific Reports</i> , <b>2018</b> , 8, 17487                      | 4.9  | 19 |
| 58 | Induction of influenza-specific local CD8 T-cells in the respiratory tract after aerosol delivery of vaccine antigen or virus in the Babraham inbred pig. <i>PLoS Pathogens</i> , <b>2018</b> , 14, e1007017                                            | 7.6  | 20 |
| 57 | Different routes and doses influence protection in pigs immunised with the naturally attenuated African swine fever virus isolate OURT88/3. <i>Antiviral Research</i> , <b>2017</b> , 138, 1-8                                                          | 10.8 | 48 |
| 56 | Dendrimeric peptides can confer protection against foot-and-mouth disease virus in cattle. <i>PLoS ONE</i> , <b>2017</b> , 12, e0185184                                                                                                                 | 3.7  | 13 |
| 55 | Influence of Age and Dose of African Swine Fever Virus Infections on Clinical Outcome and Blood Parameters in Pigs. <i>Viral Immunology</i> , <b>2017</b> , 30, 58-69                                                                                   | 1.7  | 30 |
| 54 | Expression Dynamics of Innate Immunity in Influenza Virus-Infected Swine. <i>Frontiers in Veterinary Science</i> , <b>2017</b> , 4, 48                                                                                                                  | 3.1  | 1  |
| 53 | Pulmonary transcriptomic responses indicate a dual role of inflammation in pneumonia development and viral clearance during 2009 pandemic influenza infection. <i>PeerJ</i> , <b>2017</b> , 5, e3915                                                    | 3.1  | 4  |
| 52 | Identification of cross-reacting T-cell epitopes in structural and non-structural proteins of swine and pandemic H1N1 influenza A virus strains in pigs. <i>Journal of General Virology</i> , <b>2017</b> , 98, 895-899                                 | 4.9  | 16 |
| 51 | Involvement of the different lung compartments in the pathogenesis of pH1N1 influenza virus infection in ferrets. <i>Veterinary Research</i> , <b>2016</b> , 47, 113                                                                                    | 3.8  | 7  |
| 50 | Serum-derived exosomes from non-viremic animals previously exposed to the porcine respiratory and reproductive virus contain antigenic viral proteins. <i>Veterinary Research</i> , <b>2016</b> , 47, 59                                                | 3.8  | 25 |
| 49 | The respiratory DC/macrophage network at steady-state and upon influenza infection in the swine biomedical model. <i>Mucosal Immunology</i> , <b>2016</b> , 9, 835-49                                                                                   | 9.2  | 45 |
| 48 | Spleen-Dependent Immune Protection Elicited by CpG Adjuvanted Reticulocyte-Derived Exosomes from Malaria Infection Is Associated with Changes in T cell Subsets Distribution. <i>Frontiers in Cell and Developmental Biology</i> , <b>2016</b> , 4, 131 | 5.7  | 18 |
| 47 | Balance between activation and regulation of HIV-specific CD8+ T-cell response after modified vaccinia Ankara B therapeutic vaccination. <i>Aids</i> , <b>2016</b> , 30, 553-62                                                                         | 3.5  | 6  |
| 46 | Rabbit hemorrhagic disease virus capsid, a versatile platform for foreign B-cell epitope display inducing protective humoral immune responses. <i>Scientific Reports</i> , <b>2016</b> , 6, 31844                                                       | 4.9  | 8  |
| 45 | Vaccination of rabbits with immunodominant antigens from <i>Sarcoptes scabiei</i> induced high levels of humoral responses and pro-inflammatory cytokines but confers limited protection. <i>Parasites and Vectors</i> , <b>2016</b> , 9, 435           | 4    | 15 |
| 44 | Clinical response to pandemic H1N1 influenza virus from a fatal and mild case in ferrets. <i>Virology Journal</i> , <b>2015</b> , 12, 48                                                                                                                | 6.1  | 7  |
| 43 | Cross-Species Infectivity of H3N8 Influenza Virus in an Experimental Infection in Swine. <i>Journal of Virology</i> , <b>2015</b> , 89, 11190-202                                                                                                       | 6.6  | 18 |

|    |                                                                                                                                                                                                                       |      |    |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----|
| 42 | In vivo tracking and immunological properties of pulsed porcine monocyte-derived dendritic cells. <i>Molecular Immunology</i> , <b>2015</b> , 63, 343-54                                                              | 4.3  | 11 |
| 41 | Postnatal persistent infection with classical Swine Fever virus and its immunological implications. <i>PLoS ONE</i> , <b>2015</b> , 10, e0125692                                                                      | 3.7  | 40 |
| 40 | Genetic characterization of influenza A viruses circulating in pigs and isolated in north-east Spain during the period 2006-2007. <i>Research in Veterinary Science</i> , <b>2014</b> , 96, 380-8                     | 2.5  | 8  |
| 39 | Immune characterization of long pentraxin 3 in pigs infected with influenza virus. <i>Veterinary Microbiology</i> , <b>2014</b> , 168, 185-92                                                                         | 3.3  | 4  |
| 38 | Immune system cells in healthy ferrets: an immunohistochemical study. <i>Veterinary Pathology</i> , <b>2014</b> , 51, 775-86                                                                                          | 2.8  | 13 |
| 37 | Heterogeneous pathological outcomes after experimental pH1N1 influenza infection in ferrets correlate with viral replication and host immune responses in the lung. <i>Veterinary Research</i> , <b>2014</b> , 45, 85 | 3.8  | 18 |
| 36 | Swine, human or avian influenza viruses differentially activates porcine dendritic cells cytokine profile. <i>Veterinary Immunology and Immunopathology</i> , <b>2013</b> , 154, 25-35                                | 2    | 15 |
| 35 | Virus-like particle-based vaccines for animal viral infections. <i>Inmunologia (Barcelona, Spain: 1987)</i> , <b>2013</b> , 32, 102-116                                                                               |      | 10 |
| 34 | Locally administered prostaglandin E2 prevents aeroallergen-induced airway sensitization in mice through immunomodulatory mechanisms. <i>Pharmacological Research</i> , <b>2013</b> , 70, 50-9                        | 10.2 | 13 |
| 33 | Review: influenza virus in pigs. <i>Molecular Immunology</i> , <b>2013</b> , 55, 200-11                                                                                                                               | 4.3  | 47 |
| 32 | Characterization in vitro and in vivo of a pandemic H1N1 influenza virus from a fatal case. <i>PLoS ONE</i> , <b>2013</b> , 8, e53515                                                                                 | 3.7  | 20 |
| 31 | Dendritic cells: Nearly 40 years later. <i>Inmunologia (Barcelona, Spain: 1987)</i> , <b>2012</b> , 31, 49-57                                                                                                         |      |    |
| 30 | Virus-like particles: the new frontier of vaccines for animal viral infections. <i>Veterinary Immunology and Immunopathology</i> , <b>2012</b> , 148, 211-25                                                          | 2    | 93 |
| 29 | Chimeric calicivirus-like particles elicit specific immune responses in pigs. <i>Vaccine</i> , <b>2012</b> , 30, 2427-39                                                                                              | 4.1  | 30 |
| 28 | Immunomodulatory properties of beta-sitosterol in pig immune responses. <i>International Immunopharmacology</i> , <b>2012</b> , 13, 316-21                                                                            | 5.8  | 39 |
| 27 | Differential interactions of virulent and non-virulent H. parasuis strains with naïve or swine influenza virus pre-infected dendritic cells. <i>Veterinary Research</i> , <b>2012</b> , 43, 80                        | 3.8  | 16 |
| 26 | Increase in Th17 and T-reg lymphocytes and decrease of IL22 correlate with the recovery phase of acute EAE in rat. <i>PLoS ONE</i> , <b>2011</b> , 6, e27473                                                          | 3.7  | 42 |
| 25 | Interaction of porcine conventional dendritic cells with swine influenza virus. <i>Virology</i> , <b>2011</b> , 420, 125-34                                                                                           | 3.6  | 16 |

|    |                                                                                                                                                                                                                                     |     |    |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|
| 24 | Characterization of porcine dendritic cell response to <i>Streptococcus suis</i> . <i>Veterinary Research</i> , <b>2011</b> , 42, 72                                                                                                | 3.8 | 31 |
| 23 | Cytokine profiles and phenotype regulation of antigen presenting cells by genotype-1 porcine reproductive and respiratory syndrome virus isolates. <i>Veterinary Research</i> , <b>2011</b> , 42, 9                                 | 3.8 | 79 |
| 22 | Increased numbers of myeloid and lymphoid IL-10 producing cells in spleen of pigs with naturally occurring postweaning multisystemic wasting syndrome. <i>Veterinary Immunology and Immunopathology</i> , <b>2010</b> , 136, 305-10 | 2   | 10 |
| 21 | Haptoglobin serum concentration is a suitable biomarker to assess the efficacy of a feed additive in pigs. <i>Animal</i> , <b>2010</b> , 4, 1561-7                                                                                  | 3.1 | 6  |
| 20 | Interferon-gamma induction correlates with protection by DNA vaccine expressing E2 glycoprotein against classical swine fever virus infection in domestic pigs. <i>Veterinary Microbiology</i> , <b>2010</b> , 142, 51-8            | 3.3 | 50 |
| 19 | European genotype of porcine reproductive and respiratory syndrome (PRRSV) infects monocyte-derived dendritic cells but does not induce Treg cells. <i>Virology</i> , <b>2010</b> , 396, 264-71                                     | 3.6 | 79 |
| 18 | Experimental infection with H1N1 European swine influenza virus protects pigs from an infection with the 2009 pandemic H1N1 human influenza virus. <i>Veterinary Research</i> , <b>2010</b> , 41, 74                                | 3.8 | 60 |
| 17 | Multiple mechanisms contribute to impairment of type 1 interferon production during chronic lymphocytic choriomeningitis virus infection of mice. <i>Journal of Immunology</i> , <b>2009</b> , 182, 7178-89                         | 5.3 | 46 |
| 16 | CD4 microglial expression correlates with spontaneous clinical improvement in the acute Lewis rat EAE model. <i>Journal of Neuroimmunology</i> , <b>2009</b> , 209, 65-80                                                           | 3.5 | 36 |
| 15 | Chimeric calicivirus-like particles elicit protective anti-viral cytotoxic responses without adjuvant. <i>Virology</i> , <b>2009</b> , 387, 303-12                                                                                  | 3.6 | 23 |
| 14 | Role of lipopolysaccharide in the induction of type I interferon-dependent cross-priming and IL-10 production in mice by meningococcal outer membrane vesicles. <i>Vaccine</i> , <b>2009</b> , 27, 1912-22                          | 4.1 | 27 |
| 13 | La gripe o la influenza de las estrellas. <i>Inmunologia (Barcelona, Spain: 1987)</i> , <b>2009</b> , 28, 46-48                                                                                                                     |     |    |
| 12 | Porcine circovirus type 2 (PCV2) viral components immunomodulate recall antigen responses. <i>Veterinary Immunology and Immunopathology</i> , <b>2008</b> , 124, 41-9                                                               | 2   | 45 |
| 11 | Porcine circovirus type 2-induced interleukin-10 modulates recall antigen responses. <i>Journal of General Virology</i> , <b>2008</b> , 89, 760-765                                                                                 | 4.9 | 60 |
| 10 | A role for the transcription factor RelB in IFN-alpha production and in IFN-alpha-stimulated cross-priming. <i>European Journal of Immunology</i> , <b>2006</b> , 36, 2085-93                                                       | 6.1 | 16 |
| 9  | CD45 is required for type I IFN production by dendritic cells. <i>European Journal of Immunology</i> , <b>2006</b> , 36, 2150-8                                                                                                     | 6.1 | 13 |
| 8  | Rapid activation of spleen dendritic cell subsets following lymphocytic choriomeningitis virus infection of mice: analysis of the involvement of type 1 IFN. <i>Journal of Immunology</i> , <b>2005</b> , 174, 1851-61              | 5.3 | 72 |
| 7  | Reciprocal immunomodulation in a schistosome and hepatotropic virus coinfection model. <i>Journal of Immunology</i> , <b>2005</b> , 175, 6275-85                                                                                    | 5.3 | 31 |

|   |                                                                                                                                                                                                                                                          |      |     |
|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|
| 6 | Analysis of the binding of hepatitis C virus genotype 1a and 1b E2 glycoproteins to peripheral blood mononuclear cell subsets. <i>Journal of General Virology</i> , <b>2005</b> , 86, 2507-2512                                                          | 4.9  | 26  |
| 5 | Altered CD45 isoform expression affects lymphocyte function in CD45 Tg mice. <i>International Immunology</i> , <b>2004</b> , 16, 1323-32                                                                                                                 | 4.9  | 19  |
| 4 | Expression of the beta-glucan receptor, Dectin-1, on murine leukocytes in situ correlates with its function in pathogen recognition and reveals potential roles in leukocyte interactions. <i>Journal of Leukocyte Biology</i> , <b>2004</b> , 76, 86-94 | 6.5  | 96  |
| 3 | Viral infection switches non-plasmacytoid dendritic cells into high interferon producers. <i>Nature</i> , <b>2003</b> , 424, 324-8                                                                                                                       | 50.4 | 501 |
| 2 | Characterization of secreted and intracellular forms of a truncated hepatitis C virus E2 protein expressed by a recombinant herpes simplex virus. <i>Journal of General Virology</i> , <b>2003</b> , 84, 545-554                                         | 4.9  | 10  |
| 1 | Type I interferons produced by dendritic cells promote their phenotypic and functional activation. <i>Blood</i> , <b>2002</b> , 99, 3263-71                                                                                                              | 2.2  | 380 |