

Ignacio Anegon

List of Publications by Year in descending order

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164
papers

8,105
citations

44069

48
h-index

56724

83
g-index

174
all docs

174
docs citations

174
times ranked

9512
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Knockout Rats via Embryo Microinjection of Zinc-Finger Nucleases. <i>Science</i> , 2009, 325, 433-433. | 12.6 | 836 |
| 2 | Knockout rats generated by embryo microinjection of TALENs. <i>Nature Biotechnology</i> , 2011, 29, 695-696. | 17.5 | 556 |
| 3 | Endothelial-to-Mesenchymal Transition in Pulmonary Hypertension. <i>Circulation</i> , 2015, 131, 1006-1018. | 1.6 | 441 |
| 4 | Improved Genome Editing Efficiency and Flexibility Using Modified Oligonucleotides with TALEN and CRISPR-Cas9 Nucleases. <i>Cell Reports</i> , 2016, 14, 2263-2272. | 6.4 | 255 |
| 5 | CD40lg treatment results in allograft acceptance mediated by CD8 ⁺ CD45R ^{low} T cells, IFN- γ , and indoleamine 2,3-dioxygenase. <i>Journal of Clinical Investigation</i> , 2007, 117, 1096-1106. | 8.2 | 162 |
| 6 | Heme oxygenase-1 inhibits rat and human breast cancer cell proliferation: mutual cross inhibition with indoleamine 2,3-dioxygenase. <i>FASEB Journal</i> , 2005, 19, 1957-1968. | 0.5 | 147 |
| 7 | Transgenesis in rats: Technical aspects and models. <i>Transgenic Research</i> , 1996, 5, 223-234. | 2.4 | 137 |
| 8 | Characterization of Dystrophin Deficient Rats: A New Model for Duchenne Muscular Dystrophy. <i>PLoS ONE</i> , 2014, 9, e110371. | 2.5 | 133 |
| 9 | IDO expands human CD4 ⁺ CD25 ^{high} regulatory T cells by promoting maturation of LPS-treated dendritic cells. <i>European Journal of Immunology</i> , 2007, 37, 3054-3062. | 2.9 | 132 |
| 10 | Overexpression of Transforming Growth Factor- β 1 Stabilizes Already-Formed Aortic Aneurysms. <i>Circulation</i> , 2005, 112, 1008-1015. | 1.6 | 125 |
| 11 | Zinc-finger nucleases: a powerful tool for genetic engineering of animals. <i>Transgenic Research</i> , 2010, 19, 363-371. | 2.4 | 118 |
| 12 | Gene Transfer of Heme Oxygenase-1 and Carbon Monoxide Delivery Inhibit Chronic Rejection. <i>American Journal of Transplantation</i> , 2002, 2, 581-592. | 4.7 | 117 |
| 13 | Carbon Monoxide Inhibits TLR-Induced Dendritic Cell Immunogenicity. <i>Journal of Immunology</i> , 2009, 182, 1877-1884. | 0.8 | 116 |
| 14 | A Nonionic Amphiphile Agent Promotes Gene Delivery In Vivo to Skeletal and Cardiac Muscles. <i>Human Gene Therapy</i> , 2002, 13, 1767-1775. | 2.7 | 104 |
| 15 | IL-34 is a Treg-specific cytokine and mediates transplant tolerance. <i>Journal of Clinical Investigation</i> , 2015, 125, 3952-3964. | 8.2 | 104 |
| 16 | Transgenic Modifications of the Rat Genome. <i>Transgenic Research</i> , 2005, 14, 531-546. | 2.4 | 95 |
| 17 | Mechanism and Localization of CD8 Regulatory T Cells in a Heart Transplant Model of Tolerance. <i>Journal of Immunology</i> , 2010, 185, 823-833. | 0.8 | 95 |
| 18 | Generation of Rag1 ^{-/-} knockout immunodeficient rats and mice using engineered meganucleases. <i>FASEB Journal</i> , 2013, 27, 703-711. | 0.5 | 92 |

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|----|--|------|-----------|
| 19 | High-Affinity IgG Antibodies Develop Naturally in Ig-Knockout Rats Carrying Germline Human IgH/Ig λ /Ig λ Loci Bearing the Rat CH Region. <i>Journal of Immunology</i> , 2013, 190, 1481-1490. | 0.8 | 92 |
| 20 | Targeting TMEM176B Enhances Antitumor Immunity and Augments the Efficacy of Immune Checkpoint Blockers by Unleashing Inflammasome Activation. <i>Cancer Cell</i> , 2019, 35, 767-781.e6. | 16.8 | 91 |
| 21 | Safety and Efficacy of Regional Intravenous (RI) Versus Intramuscular (IM) Delivery of rAAV1 and rAAV8 to Nonhuman Primate Skeletal Muscle. <i>Molecular Therapy</i> , 2008, 16, 1291-1299. | 8.2 | 89 |
| 22 | Tolerance to Cardiac Allografts Via Local and Systemic Mechanisms After Adenovirus-Mediated CTLA4Ig Expression. <i>Journal of Immunology</i> , 2000, 164, 5258-5268. | 0.8 | 88 |
| 23 | Fms-Like Tyrosine Kinase 3 Ligand Recruits Plasmacytoid Dendritic Cells to the Brain. <i>Journal of Immunology</i> , 2006, 176, 3566-3577. | 0.8 | 88 |
| 24 | Macrophages Transfected with Adenovirus to Express IL-4 Reduce Inflammation in Experimental Glomerulonephritis. <i>Journal of Immunology</i> , 2001, 166, 4728-4736. | 0.8 | 87 |
| 25 | Prolonged Blockade of CD40-CD40 Ligand Interactions by Gene Transfer of CD40Ig Results in Long-Term Heart Allograft Survival and Donor-Specific Hyporesponsiveness, But Does Not Prevent Chronic Rejection. <i>Journal of Immunology</i> , 2002, 168, 1600-1609. | 0.8 | 87 |
| 26 | Immunoregulatory properties of the cytokine IL-34. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 2569-2586. | 5.4 | 86 |
| 27 | Macrophages Expressing Heme Oxygenase-1 Improve Renal Function in Ischemia/Reperfusion Injury. <i>Molecular Therapy</i> , 2010, 18, 1706-1713. | 8.2 | 80 |
| 28 | Presence of leukaemia inhibitory factor and interleukin 6 in porcine uterine secretions prior to conceptus attachment. <i>Cytokine</i> , 1994, 6, 493-499. | 3.2 | 75 |
| 29 | Homology-directed repair in rodent zygotes using Cas9 and TALEN engineered proteins. <i>Scientific Reports</i> , 2015, 5, 14410. | 3.3 | 75 |
| 30 | Generation of gene-edited rats by delivery of CRISPR/Cas9 protein and donor DNA into intact zygotes using electroporation. <i>Scientific Reports</i> , 2017, 7, 16554. | 3.3 | 75 |
| 31 | Bone-Marrow-Derived Macrophages Genetically Modified to Produce IL-10 Reduce Injury in Experimental Glomerulonephritis. <i>Molecular Therapy</i> , 2002, 6, 710-717. | 8.2 | 71 |
| 32 | Anti-CD28 Antibody-Induced Kidney Allograft Tolerance Related to Tryptophan Degradation and TCR-Class II- B7+ Regulatory Cells. <i>American Journal of Transplantation</i> , 2005, 5, 2339-2348. | 4.7 | 70 |
| 33 | Transgenic expression of CTLA4-Ig by fetal pig neurons for xenotransplantation. <i>Transgenic Research</i> , 2005, 14, 373-384. | 2.4 | 70 |
| 34 | β 2-Adrenoreceptor Agonist Inhibits Antigen Cross-Presentation by Dendritic Cells. <i>Journal of Immunology</i> , 2013, 190, 3163-3171. | 0.8 | 70 |
| 35 | Characterization of <i>Kcnk3</i> -Mutated Rat, a Novel Model of Pulmonary Hypertension. <i>Circulation Research</i> , 2019, 125, 678-695. | 4.5 | 70 |
| 36 | Future prospects for CD8 ⁺ regulatory T cells in immune tolerance. <i>Immunological Reviews</i> , 2019, 292, 209-224. | 6.0 | 69 |

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|----|--|-----|-----------|
| 37 | Characterization of immunoglobulin heavy chain knockout rats. <i>European Journal of Immunology</i> , 2010, 40, 2932-2941. | 2.9 | 67 |
| 38 | Ex Vivo Expanded Human Non-Cytotoxic CD8+CD45RClow/â~ Tregs Efficiently Delay Skin Graft Rejection and GVHD in Humanized Mice. <i>Frontiers in Immunology</i> , 2017, 8, 2014. | 4.8 | 65 |
| 39 | Over-expression of heme oxygenase-1 by adenoviral gene transfer improves pregnancy outcome in a murine model of abortion. <i>Journal of Reproductive Immunology</i> , 2006, 69, 35-52. | 1.9 | 64 |
| 40 | CHARACTERIZATION OF HUMAN CD55 AND CD59 TRANSGENIC PIGS AND KIDNEY XENOTRANSPLANTATION IN THE PIG-TO-BABOON COMBINATION1. <i>Transplantation</i> , 2004, 77, 1468-1471. | 1.0 | 63 |
| 41 | PROTECTION OF RAT ENDOTHELIAL CELLS FROM PRIMATE COMPLEMENT-MEDIATED LYSIS BY EXPRESSION OF HUMAN CD59 AND/OR DECAY-ACCELERATING FACTOR. <i>Transplantation</i> , 1994, 58, 1222-1229. | 1.0 | 63 |
| 42 | Rapid and accurate determination of zygosity in transgenic animals by real-time quantitative PCR. <i>Transgenic Research</i> , 2002, 11, 43-48. | 2.4 | 61 |
| 43 | Lack of Immunotoxicity After Regional Intravenous (RI) Delivery of rAAV to Nonhuman Primate Skeletal Muscle. <i>Molecular Therapy</i> , 2010, 18, 151-160. | 8.2 | 59 |
| 44 | Heme Oxygenase-1 Modulates Human Respiratory Syncytial Virus Replication and Lung Pathogenesis during Infection. <i>Journal of Immunology</i> , 2017, 199, 212-223. | 0.8 | 58 |
| 45 | Human CD8+ Tregs expressing a MHC-specific CAR display enhanced suppression of human skin rejection and GVHD in NSG mice. <i>Blood Advances</i> , 2019, 3, 3522-3538. | 5.2 | 57 |
| 46 | The C-Type Lectin-Like Receptor CLEC-1, Expressed by Myeloid Cells and Endothelial Cells, Is Up-Regulated by Immunoregulatory Mediators and Moderates T Cell Activation. <i>Journal of Immunology</i> , 2009, 183, 3099-3108. | 0.8 | 56 |
| 47 | Antigen-specific single B cell sorting and expression-cloning from immunoglobulin humanized rats: a rapid and versatile method for the generation of high affinity and discriminative human monoclonal antibodies. <i>BMC Biotechnology</i> , 2017, 17, 3. | 3.3 | 56 |
| 48 | Production of human interleukin for DA cells (HILDA)/leukemia inhibitory factor (LIF) by activated monocytes. <i>Cellular Immunology</i> , 1990, 130, 50-65. | 3.0 | 55 |
| 49 | Transient antibody targeting of CD45RC induces transplant tolerance and potent antigen-specific regulatory T cells. <i>JCI Insight</i> , 2017, 2, e90088. | 5.0 | 50 |
| 50 | Cytotoxic Immune Response Blunts Long-Term Transgene Expression after Efficient Retroviral-Mediated Hepatic Gene Transfer in Rat. <i>Molecular Therapy</i> , 2002, 5, 388-396. | 8.2 | 48 |
| 51 | Advances on CD8+ Treg Cells and Their Potential in Transplantation. <i>Transplantation</i> , 2018, 102, 1467-1478. | 1.0 | 48 |
| 52 | INTACT PIG PANCREATIC ISLET FUNCTION IN THE PRESENCE OF HUMAN XENOREACTIVE NATURAL ANTIBODY BINDING AND COMPLEMENT ACTIVATION1. <i>Transplantation</i> , 1997, 63, 1452-1462. | 1.0 | 46 |
| 53 | Mesenchymal stem cells induce a weak immune response in the rat striatum after allo or xenotransplantation. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 2547-2558. | 3.6 | 46 |
| 54 | MHC-derived allopeptide activates TCR-biased CD8+ Tregs and suppresses organ rejection. <i>Journal of Clinical Investigation</i> , 2014, 124, 2497-2512. | 8.2 | 46 |

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|----|---|-----|-----------|
| 55 | Local Overexpression of Nerve Growth Factor in Rat Corneal Transplants Improves Allograft Survival. , 2007, 48, 1043. | | 45 |
| 56 | Adenovirus-Mediated Gene Transfer into Isolated Mouse Adult Pancreatic Islets: Normal β -Cell Function Despite Induction of an Anti-Adenovirus Immune Response. Human Gene Therapy, 1997, 8, 1625-1634. | 2.7 | 44 |
| 57 | <i>CFTR</i> Inactivation by Lentiviral Vector-mediated RNA Interference and CRISPR-Cas9 Genome Editing in Human Airway Epithelial Cells. Current Gene Therapy, 2015, 15, 447-459. | 2.0 | 44 |
| 58 | Identification of a New Member of the CD20/FcepsilonR1beta Family Overexpressed in Tolerated Allografts. American Journal of Transplantation, 2005, 5, 2143-2153. | 4.7 | 41 |
| 59 | Decreased anti-donor major histocompatibility complex class I and increased class II alloantibody response in allograft tolerance in adult rats. European Journal of Immunology, 1994, 24, 1627-1631. | 2.9 | 40 |
| 60 | Efficient gene targeting by homology-directed repair in rat zygotes using TALE nucleases. Genome Research, 2014, 24, 1371-1383. | 5.5 | 39 |
| 61 | Carbon monoxide exposure improves immune function in lupus-prone mice. Immunology, 2013, 140, 123-132. | 4.4 | 37 |
| 62 | CD8+ regulatory T cells in solid organ transplantation. Current Opinion in Organ Transplantation, 2010, 15, 751-756. | 1.6 | 35 |
| 63 | Multispecific Antibody Development Platform Based on Human Heavy Chain Antibodies. Frontiers in Immunology, 2018, 9, 3037. | 4.8 | 35 |
| 64 | Generation of TALEN-Mediated GRdim Knock-In Rats by Homologous Recombination. PLoS ONE, 2014, 9, e88146. | 2.5 | 34 |
| 65 | Active suppression of allogeneic proliferative responses by dendritic cells after induction of long-term allograft survival by CTLA4Ig. Blood, 2003, 101, 3325-3333. | 1.4 | 33 |
| 66 | Carbon monoxide decreases endosome-lysosome fusion and inhibits soluble antigen presentation by dendritic cells to T cells.. European Journal of Immunology, 2013, 43, 2832-2844. | 2.9 | 33 |
| 67 | Lethal Hepatitis After Gene Transfer of IL-4 in the Liver Is Independent of Immune Responses and Dependent on Apoptosis of Hepatocytes: A Rodent Model of IL-4-Induced Hepatitis. Journal of Immunology, 2001, 166, 5225-5235. | 0.8 | 32 |
| 68 | Anti-CD28 Antibodies Modify Regulatory Mechanisms and Reinforce Tolerance in CD40Ig-Treated Heart Allograft Recipients. Journal of Immunology, 2007, 179, 8164-8171. | 0.8 | 32 |
| 69 | Haem oxygenase 1 expression is altered in monocytes from patients with systemic lupus erythematosus. Immunology, 2012, 136, 414-424. | 4.4 | 32 |
| 70 | Fibrinogen-Like Protein 2/Fibroleukin Induces Long-Term Allograft Survival in a Rat Model through Regulatory B Cells. PLoS ONE, 2015, 10, e0119686. | 2.5 | 32 |
| 71 | A Rapid and Cost-Effective Method for Genotyping Genome-Edited Animals: A Heteroduplex Mobility Assay Using Microfluidic Capillary Electrophoresis. Journal of Genetics and Genomics, 2016, 43, 341-348. | 3.9 | 31 |
| 72 | The Role of TNF-Related Activation-Induced Cytokine Receptor Activating NF- κ B Interaction in Acute Allograft Rejection and CD40L-Independent Chronic Allograft Rejection. Journal of Immunology, 2004, 172, 1619-1629. | 0.8 | 30 |

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|----|--|------|-----------|
| 73 | Utilization of activated U937 monocytic cells as a model to evaluate biocompatibility and biodegradation of synthetic calcium phosphate. <i>Biomaterials</i> , 1995, 16, 497-503. | 11.4 | 29 |
| 74 | Anti-Adenovirus Immune Responses in Rats Are Enhanced by Interleukin 4 but Not Interleukin 10 Produced by Recombinant Adenovirus. <i>Human Gene Therapy</i> , 1998, 9, 1755-1768. | 2.7 | 29 |
| 75 | Multiplex CRISPR/Cas9 system impairs HCMV replication by excising an essential viral gene. <i>PLoS ONE</i> , 2018, 13, e0192602. | 2.5 | 28 |
| 76 | Role of indoleamine 2,3-dioxygenase in testicular immune-privilege. <i>Scientific Reports</i> , 2019, 9, 15919. | 3.3 | 28 |
| 77 | Humanization of Immunodeficient Animals for the Modeling of Transplantation, Graft Versus Host Disease, and Regenerative Medicine. <i>Transplantation</i> , 2020, 104, 2290-2306. | 1.0 | 28 |
| 78 | INTERACTION OF ANTI-HLA ANTIBODIES WITH PIG XENOANTIGENS 1. <i>Transplantation</i> , 2000, 69, 148. | 1.0 | 28 |
| 79 | Carbon monoxide-treated dendritic cells decrease β 2-integrin induction on CD8 ⁺ T cells and protect from type 1 diabetes. <i>European Journal of Immunology</i> , 2013, 43, 209-218. | 2.9 | 27 |
| 80 | Analysis of human CD59 tissue expression directed by the CMV-IE-1 promoter in transgenic rats. <i>Transgenic Research</i> , 1996, 5, 443-450. | 2.4 | 26 |
| 81 | Promises and Obstacles for the Blockade of CD40-CD40L Interactions in Allograft Transplantation. <i>Transplantation</i> , 2008, 86, 10-15. | 1.0 | 26 |
| 82 | Expression of Heme Oxygenase-1 in Neural Stem/Progenitor Cells as a Potential Mechanism to Evade Host Immune Response. <i>Stem Cells</i> , 2012, 30, 2342-2353. | 3.2 | 26 |
| 83 | Cell-surface C-type lectin-like receptor CLEC-1 dampens dendritic cell activation and downstream Th17 responses. <i>Blood Advances</i> , 2017, 1, 557-568. | 5.2 | 26 |
| 84 | Heme-Oxygenase-1 Expression Contributes to the Immunoregulation Induced by <i>Fasciola hepatica</i> and Promotes Infection. <i>Frontiers in Immunology</i> , 2017, 8, 883. | 4.8 | 26 |
| 85 | IL-34 and CSF-1, deciphering similarities and differences at steady state and in diseases. <i>Journal of Leukocyte Biology</i> , 2021, 110, 771-796. | 3.3 | 26 |
| 86 | Regulatory B Cells with a Partial Defect in CD40 Signaling and Overexpressing Granzyme B Transfer Allograft Tolerance in Rodents. <i>Journal of Immunology</i> , 2015, 195, 5035-5044. | 0.8 | 25 |
| 87 | ASSESSMENT OF HYPERACUTE REJECTION IN A RAT-TO-PRIMATE CARDIAC XENOGRAFT MODEL1. <i>Transplantation</i> , 1996, 61, 1305-1313. | 1.0 | 25 |
| 88 | Breakdown of Immune Tolerance in AIRE-Deficient Rats Induces a Severe Autoimmune Polyendocrinopathy-Candidiasis-Ectodermal Dystrophy-like Autoimmune Disease. <i>Journal of Immunology</i> , 2018, 201, 874-887. | 0.8 | 24 |
| 89 | Characterization of two rat models of cystic fibrosis-KO and F508del CFTR Generated by Crispr-Cas9. <i>Animal Models and Experimental Medicine</i> , 2019, 2, 297-311. | 3.3 | 24 |
| 90 | Comparison of Human and Experimental Pulmonary Veno-Occlusive Disease. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 63, 118-131. | 2.9 | 24 |

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|-----|---|-----|-----------|
| 91 | Advances in Genome Editing and Application to the Generation of Genetically Modified Rat Models. <i>Frontiers in Genetics</i> , 2021, 12, 615491. | 2.3 | 24 |
| 92 | COMPARATIVE STUDY OF TARGET ANTIGENS FOR PRIMATE XENOREACTIVE NATURAL ANTIBODIES IN PIG AND RAT ENDOTHELIAL CELLS ¹ . <i>Transplantation</i> , 1997, 64, 1166-1174. | 1.0 | 24 |
| 93 | Accumulation of T Cells with Potent Regulatory Properties and Restricted V β 27-TCR Rearrangements in Tolerated Allografts. <i>Transplantation</i> , 2005, 80, 1476-1484. | 1.0 | 23 |
| 94 | Heme oxygenase and carbon monoxide as an immunotherapeutic approach in transplantation and cancer. <i>Immunotherapy</i> , 2011, 3, 15-18. | 2.0 | 23 |
| 95 | CTLA4lg Adenoviral Gene Transfer Induces Long-Term Islet Rat Allograft Survival, Without Tolerance, After Systemic but Not Local Intra-graft Expression. <i>Human Gene Therapy</i> , 2003, 14, 561-575. | 2.7 | 22 |
| 96 | Heme Oxygenase-1 as a Target for the Design of Gene and Pharmaceutical Therapies for Autoimmune Diseases. <i>Current Gene Therapy</i> , 2014, 14, 218-235. | 2.0 | 22 |
| 97 | Generation of Immunodeficient Rats With Rag1 and Il2rg Gene Deletions and Human Tissue Grafting Models. <i>Transplantation</i> , 2018, 102, 1271-1278. | 1.0 | 21 |
| 98 | Adenovirus-mediated expression of human CD55 or CD59 protects adult porcine islets from complement-mediated cell lysis by human serum ¹ . <i>Transplantation</i> , 2003, 75, 697-702. | 1.0 | 20 |
| 99 | Adenovirus-Mediated CTLA4lg or CD40lg Gene Transfer Delays Pancreatic Islet Rejection in a Rat-to-Mouse Xenotransplantation Model after Systemic but Not Local Expression. <i>Cell Transplantation</i> , 2005, 14, 263-275. | 2.5 | 19 |
| 100 | Lentivirus Mediated HO-1 Gene Transfer Enhances Myogenic Precursor Cell Survival After Autologous Transplantation in Pig. <i>Molecular Therapy</i> , 2008, 16, 404-410. | 8.2 | 19 |
| 101 | Immunophenotype of a Rat Model of Duchenne's Disease and Demonstration of Improved Muscle Strength After Anti-CD45RC Antibody Treatment. <i>Frontiers in Immunology</i> , 2019, 10, 2131. | 4.8 | 19 |
| 102 | INTACT PANCREATIC ISLET FUNCTION DESPITE HUMORAL XENORECOGNITION IN THE PIG-TO-MONKEY COMBINATION ¹ . <i>Transplantation</i> , 1998, 66, 1485-1495. | 1.0 | 19 |
| 103 | Long term transgene expression by hepatocytes transduced with retroviral vectors requires induction of immune tolerance to the transgene. <i>Journal of Hepatology</i> , 2004, 41, 222-228. | 3.7 | 18 |
| 104 | Nitric Oxide and Indoleamine 2,3-Dioxygenase Mediate CTLA4lg-Induced Survival in Heart Allografts in Rats. <i>Transplantation</i> , 2007, 84, 1060-1063. | 1.0 | 18 |
| 105 | Characterization of brain dystrophins absence and impact in dystrophin-deficient Dmdmdx rat model. <i>PLoS ONE</i> , 2020, 15, e0230083. | 2.5 | 18 |
| 106 | Generation and in vivo evaluation of IL10-treated dendritic cells in a nonhuman primate model of AAV-based gene transfer. <i>Molecular Therapy - Methods and Clinical Development</i> , 2014, 1, 14028. | 4.1 | 17 |
| 107 | Survival and Differentiation of Adenovirus-Generated Induced Pluripotent Stem Cells Transplanted into the Rat Striatum. <i>Cell Transplantation</i> , 2014, 23, 1407-1423. | 2.5 | 17 |
| 108 | Carbon monoxide impairs mitochondria-dependent endosomal maturation and antigen presentation in dendritic cells. <i>European Journal of Immunology</i> , 2015, 45, 3269-3288. | 2.9 | 17 |

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|-----|--|-----|-----------|
| 109 | Ceruloplasmin deficiency does not induce macrophagic iron overload: lessons from a new rat model of hereditary aceruloplasminemia. <i>FASEB Journal</i> , 2019, 33, 13492-13502. | 0.5 | 17 |
| 110 | IL-34 Actions on FOXP3+ Tregs and CD14+ Monocytes Control Human Graft Rejection. <i>Frontiers in Immunology</i> , 2020, 11, 1496. | 4.8 | 17 |
| 111 | lacZTransgenic Rats Tolerant for β -Galactosidase: Recipients for Gene Transfer Studies UsinglacZas a Reporter Gene. <i>Human Gene Therapy</i> , 2002, 13, 1383-1390. | 2.7 | 16 |
| 112 | Suppression of experimental crescentic glomerulonephritis by interleukin-10 gene transfer. <i>Kidney International</i> , 2004, 65, 1280-1289. | 5.2 | 15 |
| 113 | Determining a Clinically Relevant Strategy for Bone Tissue Engineering: An "All-in-One" Study in Nude Mice. <i>PLoS ONE</i> , 2013, 8, e81599. | 2.5 | 15 |
| 114 | Editorial: Heme oxygenase-1 and dendritic cells: what else?. <i>Journal of Leukocyte Biology</i> , 2010, 87, 185-187. | 3.3 | 14 |
| 115 | In Vivo Analysis of Human Immune Responses in Immunodeficient Rats. <i>Transplantation</i> , 2020, 104, 715-723. | 1.0 | 14 |
| 116 | Combined assay of adenosine deaminase, purine nucleoside phosphorylase, and lactate dehydrogenase in the early clinical evaluation of B-chronic lymphocytic leukemia. <i>American Journal of Hematology</i> , 1988, 27, 157-162. | 4.1 | 13 |
| 117 | T-cell receptor specificity of CD8 ⁺ Tregs in allotransplantation. <i>Immunotherapy</i> , 2011, 3, 35-37. | 2.0 | 13 |
| 118 | Successful correction of hemophilia by CRISPR/Cas9 genome editing <i>in vivo</i> : delivery vector and immune responses are the key to success. <i>EMBO Molecular Medicine</i> , 2016, 8, 439-441. | 6.9 | 13 |
| 119 | Regenerative cell therapy for the treatment of hyperbilirubinemic Gunn rats with fresh and frozen human induced pluripotent stem cells-derived hepatic stem cells. <i>Xenotransplantation</i> , 2020, 27, e12544. | 2.8 | 12 |
| 120 | Transient antibody targeting of CD45RC inhibits the development of graft-versus-host disease. <i>Blood Advances</i> , 2020, 4, 2501-2515. | 5.2 | 12 |
| 121 | Penicillin Binding Proteins as Danger Signals: Meningococcal Penicillin Binding Protein 2 Activates Dendritic Cells through Toll-Like Receptor 4. <i>PLoS ONE</i> , 2011, 6, e23995. | 2.5 | 12 |
| 122 | Inhibition of chronic rejection and development of tolerogenic T cells after ICOS-ICOSL and CD40-CD40L co-stimulation blockade. <i>Transplantation</i> , 2005, 80, 546-54. | 1.0 | 12 |
| 123 | SIMILAR LEVELS OF GRANZYME A AND PERFORIN mRNA EXPRESSION IN REJECTED AND TOLERATED HEART ALLOGRAFTS IN DONOR-SPECIFIC TOLERANCE IN RATS. <i>Transplantation</i> , 1993, 56, 405-408. | 1.0 | 11 |
| 124 | INTERLEUKIN 2 RECEPTOR IN RAT HEART ALLOGRAFT REJECTION. <i>Transplantation</i> , 1989, 48, 918-922. | 1.0 | 10 |
| 125 | Characterization of a human monocyte antigen, B148.4, regulated during cell differentiation and activation. <i>Journal of Leukocyte Biology</i> , 1993, 53, 390-398. | 3.3 | 10 |
| 126 | Inhibition of effector antigen-specific T cells by intradermal administration of heme oxygenase-1 inducers. <i>Journal of Autoimmunity</i> , 2017, 81, 44-55. | 6.5 | 10 |

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|-----|--|-----|-----------|
| 127 | Overexpression of endothelial β_3 -adrenergic receptor induces diastolic dysfunction in rats. ESC Heart Failure, 2020, 7, 4159-4171. | 3.1 | 10 |
| 128 | Genetic engineering of human and mouse CD4+ and CD8+ Tregs using lentiviral vectors encoding chimeric antigen receptors. Molecular Therapy - Methods and Clinical Development, 2021, 20, 69-85. | 4.1 | 9 |
| 129 | Differential sensitivity of endothelial cells of various species to apoptosis induced by gene transfer of Fas ligand: role of FLIP levels. Molecular Medicine, 2002, 8, 612-23. | 4.4 | 9 |
| 130 | Anti-CD45RC antibody immunotherapy prevents and treats experimental autoimmune polyendocrinopathy/candidiasis/ectodermal dystrophy syndrome. Journal of Clinical Investigation, 2022, 132, . | 8.2 | 9 |
| 131 | TRPC3, but not TRPC1, as a good therapeutic target for standalone or complementary treatment of DMD. Journal of Translational Medicine, 2021, 19, 519. | 4.4 | 9 |
| 132 | RAT INTERLEUKIN-2 IMMUNOGLOBULIN M FUSION PROTEINS ARE CYTOTOXIC IN VITRO FOR CELLS EXPRESSING THE IL-2 RECEPTOR AND CAN ABOLISH CELL-MEDIATED IMMUNITY IN VIVO. Transplantation, 1994, 58, 932-939. | 1.0 | 8 |
| 133 | The study of mitoxantrone as a potential immunosuppressor in transgenic pig renal xenotransplantation in baboons: comparison with cyclophosphamide. Xenotransplantation, 2004, 11, 112-122. | 2.8 | 8 |
| 134 | Early T-cell features in blast crisis of Ph ⁺ -positive chronic myeloid leukaemia. Scandinavian Journal of Haematology, 1985, 35, 71-76. | 0.0 | 8 |
| 135 | Compensatory Regulatory Networks between CD8 T, B, and Myeloid Cells in Organ Transplantation Tolerance. Journal of Immunology, 2015, 195, 5805-5815. | 0.8 | 8 |
| 136 | Codon Swapping of Zinc Finger Nucleases Confers Expression in Primary Cells and In Vivo from a Single Lentiviral Vector. Current Gene Therapy, 2014, 14, 365-376. | 2.0 | 8 |
| 137 | Lymphocyte Subpopulations in Spanish Parenteral Drug Addicts. Scandinavian Journal of Infectious Diseases, 1986, 18, 71-78. | 1.5 | 7 |
| 138 | Genetic Restoration of Heme Oxygenase-1 Expression Protects from Type 1 Diabetes in NOD Mice. International Journal of Molecular Sciences, 2019, 20, 1676. | 4.1 | 7 |
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