Maria Jose Herrero

List of Publications by Year
in descending order

55 papers	929 citations	471509 17 h-index	501196 28 g-index
55 all docs	55 docs citations	55 times ranked	1514 citing authors

#	Article	IF	Citations
1	Effect of CYP3A5*3 on kidney transplant recipients treated with tacrolimus: a systematic review and meta-analysis of observational studies. Pharmacogenomics Journal, 2015, 15, 38-48.	2.0	117
2	Pig liver gene therapy by noninvasive interventionist catheterism. Gene Therapy, 2007, 14, 334-343.	4.5	82
3	Cell-Free Circulating Plasma hTERT mRNA Is a Useful Marker for Prostate Cancer Diagnosis and Is Associated with Poor Prognosis Tumor Characteristics. PLoS ONE, 2012, 7, e43470.	2.5	74
4	Cytokine expression and dendritic cell density in melanoma sentinel nodes. Melanoma Research, 2005, 15, 99-106.	1.2	42
5	SNPs and taxane toxicity in breast cancer patients. Pharmacogenomics, 2014, 15, 1845-1858.	1.3	42
6	Impact ofABCsingle nucleotide polymorphisms upon the efficacy and toxicity of induction chemotherapy in acute myeloid leukemia. Leukemia and Lymphoma, 2017, 58, 1197-1206.	1.3	33
7	DNA delivery to â€˜ex vivoâ€™ human liver segments. Gene Therapy, 2012, 19, 504-512.	4.5	28
8	Influence of ABCB1 polymorphisms upon the effectiveness of standard treatment for acute myeloid leukemia: A systematic review and meta-analysis of observational studies. Pharmacogenomics Journal, 2015, 15, 109-118.	2.0	26
9	Meta-analysis and systematic review of the effect of the donor and recipient CYP3A5 6986A>G genotype on tacrolimus dose requirements in liver transplantation. Pharmacogenetics and Genomics, 2013, 23, 509-517.	1.5	25
10	Impact of Single Nucleotide Polymorphisms (SNPs) on Immunosuppressive Therapy in Lung Transplantation. International Journal of Molecular Sciences, 2015, 16, 20168-20182.	4.1	25
11	Pharmacogenomics and the treatment of acute myeloid leukemia. Pharmacogenomics, 2016, 17, 1245-1272.	1.3	25
12	Pharmacogenetics of Metabolic Genes of Anthracyclines in Acute Myeloid Leukemia. Current Drug Metabolism, 2018, 19, 55-74.	1.2	22
13	Translational Advances of Hydrofection by Hydrodynamic Injection. Genes, 2018, 9, 136.	2.4	21
14	Comparative antitumor effect among GM-CSF, IL-12 and GM-CSF+IL-12 genetically modified tumor cell vaccines. Cancer Gene Therapy, 2013, 20, 576-581.	4.6	19
15	Progress in the Use of Antisense Oligonucleotides for Vaccine Improvement. Biomolecules, 2020, 10, 316.	4.0	19
16	Pharmacogenetic Study of ABCB1 and CYP3A5 Genes During the First Year Following Heart Transplantation Regarding Tacrolimus or Cyclosporine Levels. Transplantation Proceedings, 2011, 43, 2241-2243.	0.6	18
17	Increased Hospital Stay and Allograft Disfunction in Renal Transplant Recipients with Cyp2c19 AA Variant in SNP rs4244285. Drug Metabolism and Disposition, 2013, 41, 480-487.	3.3	18
18	Genotype and Allele Frequencies of Drug-Metabolizing Enzymes and Drug Transporter Genes Affecting Immunosuppressants in the Spanish White Population. Therapeutic Drug Monitoring, 2014, 36, 159-168.	2.0	18

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19	Silencing of Foxp3 enhances the antitumor efficacy of GM-CSF genetically modified tumor cell vaccine against B16 melanoma. OncoTargets and Therapy, 2017, Volume 10, 503-514.	2.0	18
20	Influence of Pharmacogenetic Polymorphisms in Routine Immunosuppression Therapy After Renal Transplantation. Transplantation Proceedings, 2010, 42, 3134-3136.	0.6	15
21	Plasma hTERT mRNA discriminates between clinically localized and locally advanced disease and is a predictor of recurrence in prostate cancer patients. Expert Opinion on Biological Therapy, 2012, 12, S69-S77.	3.1	15
22	Studying Closed Hydrodynamic Models of â€œIn Vivoâ€•DNA Perfusion in Pig Liver for Gene Therapy Translation to Humans. PLoS ONE, 2016, 11, e0163898.	2.5	15
23	Naked DNA delivery to whole pig cardiac tissue by coronary sinus retrograde injection employing nonâ€invasive catheterization. Journal of Gene Medicine, 2010, 12, 920-926.	2.8	14
24	Clinical Interest of Pharmacogenetic Polymorphisms in the Immunosuppressive Treatment After Heart Transplantation. Transplantation Proceedings, 2010, 42, 3181-3182.	0.6	14
25	A Surgical Model for Isolating the Pig Liver in vivo for Gene Therapy. European Surgical Research, 2013, 51, 47-57.	1.3	13
26	Association of SNPs with the efficacy and safety of immunosuppressant therapy after heart transplantation. Pharmacogenomics, 2015, 16, 971-979.	1.3	13
27	Influence of cytarabine metabolic pathway polymorphisms in acute myeloid leukemia induction treatment. Leukemia and Lymphoma, 2017, 58, 2880-2894.	1.3	12
28	CYP3A5*3 and CYP2C8*3 variants influence exposure and clinical outcomes of tacrolimus-based therapy. Pharmacogenomics, 2020, 21, 7-21.	1.3	12
29	Low RNA translation activit limits the efficacy of hydrodynamic gene transfer to pig liver in vivo. Journal of Gene Medicine, 2014, 16, 179-192.	2.8	11
30	Efficacy of hydrodynamic interleukin 10 gene transfer in human liver segments with interest in transplantation. Liver Transplantation, 2017, 23, 50-62.	2.4	11
31	Mitochondrial DNA Replacement Techniques to Prevent Human Mitochondrial Diseases. International Journal of Molecular Sciences, 2021, 22, 551.	4.1	11
32	Impact of combinations of single-nucleotide polymorphisms of anthracycline transporter genes upon the efficacy and toxicity of induction chemotherapy in acute myeloid leukemia. Leukemia and Lymphoma, 2021, 62, 659-668.	1.3	10
33	Human AAT gene transfer to pig liver improved by using a perfusion isolated organ endovascular procedure. European Radiology, 2016, 26, 95-102.	4.5	9
34	MTHFR and VDR Polymorphisms Improve the Prognostic Value of MYCN Status on Overall Survival in Neuroblastoma Patients. International Journal of Molecular Sciences, 2020, 21, 2714.	4.1	9
35	Physical Methods of Gene Delivery. , 2017, , 113-135.		8
36	Analysis of Metabolic and Gene Expression Changes after Hydrodynamic DNA Injection into Mouse Liver. Biological and Pharmaceutical Bulletin, 2011, 34, 167-172.	1.4	7

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37	Gold Nanoparticle-Assisted Virus Formation by Means of the Delivery of an Oncolytic Adenovirus Genome. Nanomaterials, 2020, 10, 1183.	4.1	7
38	Pharmacogenetics implementation in the clinics: information and guidelines for germline variants. , 2019, 2, 53-68.		7
39	Comparative Antitumor Effect of Preventive versus Therapeutic Vaccines Employing B16 Melanoma Cells Genetically Modified to Express GM-CSF and B7.2 in a Murine Model. Toxins, 2012, 4, 1058-1081.	3.4	6
40	Role of Pharmacogenetics in the Treatment of Acute Myeloid Leukemia: Systematic Review and Future Perspectives. Pharmaceutics, 2022, 14, 559.	4.5	6
41	Antigens and Cytokine Genes in Antitumor Vaccines. Annals of the New York Academy of Sciences, 2006, 1091, 412-424.	3.8	5
42	Foxp3 Silencing with Antisense Oligonucleotide Improves Immunogenicity of an Adjuvanted Recombinant Vaccine against Sporothrix schenckii. International Journal of Molecular Sciences, 2021, 22, 3470.	4.1	5
43	Pharmacogenetics in Neuroblastoma: What Can Already Be Clinically Implemented and What Is Coming Next?. International Journal of Molecular Sciences, 2021, 22, 9815.	4.1	4
44	Pharmacogene Variants Associated with Liver Transplant in a Twelve-Year Clinical Follow-Up. Pharmaceutics, 2022, 14, 354.	4.5	4
45	Antitumor Cell-Complex Vaccines Employing Genetically Modified Tumor Cells and Fibroblasts. Toxins, 2014, 6, 636-649.	3.4	3
46	Integrated CGH/WES Analyses Advance Understanding of Aggressive Neuroblastoma Evolution: A Case Study. Cells, 2021, 10, 2695.	4.1	3
47	Efficacy of interleukin 10 gene hydrofection in pig liver vascular isolated â€˜in vivoâ€™ by surgical procedure with interest in liver transplantation. PLoS ONE, 2019, 14, e0224568.	2.5	2
48	Multicompartmental Lipopolyplex as Vehicle for Antigens and Genes Delivery in Vaccine Formulations. Pharmaceutics, 2021, 13, 281.	4.5	2
49	Hydrodynamic IL10 Gene Transfer in Human Colon. Inflammatory Bowel Diseases, 2017, 23, 1360-1370.	1.9	1
50	Impact of Transporter Genes Polymorphisms in Standard Induction of Acute Myeloid Leukemia. Blood, 2015, 126, 4842-4842.	1.4	1
51	Influence of Single Nucleotide Polymorphisms in Anthracycline Metabolism Pathway in Standard Induction of Acute Myeloid Leukemia. Blood, 2015, 126, 4845-4845.	1.4	1
52	Study of Oligonucleotides Access and Distribution in Human Peripheral Blood Mononuclear Cells. International Journal of Molecular Sciences, 2022, 23, 5839.	4.1	1
53	Pharmacogenetics of Immunosuppressants in Solid Organ Transplantation: Time to Implement in the Clinic. , 2016, , .		0
54	Liver Gene Therapy: Employing Surgery and Radiology for Translational Research. , 2018, , .		0

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55	Influence of Cytarabine Metabolic Pathway Polymorphisms in Acute Myeloid Leukemia Induction Treatment. Blood, 2016, 128, 5130-5130.	1.4	0