Rafael J YÃ¡Ã±ez-MuÃ±oz

List of Publications by Year
in descending order

41 papers	2,242 citations	346980 22 h-index	340414 39 g-index
42 all docs	42 docs citations	42 times ranked	3711 citing authors

#	Article	IF	Citations
1	Systematic review and meta-analysis determining the benefits of in vivo genetic therapy in spinal muscular atrophy rodent models. Gene Therapy, 2022, 29, 498-512.	2.3	5
2	The British Society for Gene and Cell Therapy. Human Gene Therapy, 2021, 32, 983-985.	1.4	0
3	Muscle overexpression of Klf15 via an AAV8-Spc5-12 construct does not provide benefits in spinal muscular atrophy mice. Gene Therapy, 2020, 27, 505-515.	2.3	5
4	A study to assess a novel automated electrocardiogram technology in screening for atrial fibrillation. PACE - Pacing and Clinical Electrophysiology, 2019, 42, 1383-1389.	0.5	7
5	Induction of the cell survival kinase Sgk1: A possible novel mechanism for Î±-phenyl-N-tert-butyl nitrone in experimental stroke. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 1111-1121.	2.4	8
6	High-efficiency transduction of spinal cord motor neurons by intrauterine delivery of integration-deficient lentiviral vectors. Journal of Controlled Release, 2018, 273, 99-107.	4.8	15
7	Molecular Evidence of Genome Editing in a Mouse Model of Immunodeficiency. Scientific Reports, 2018, 8, 8214.	1.6	6
8	CAR-T in the clinic: drive with care. Gene Therapy, 2018, 25, 157-161.	2.3	10
9	Chimeric Trojan Protein Insertion in Lentiviral Membranes Makes Lentiviruses Susceptible to Neutralization by Anti-Tetanus Serum Antibodies. Human Gene Therapy, 2017, 28, 242-254.	1.4	0
10	Nonintegrating Gene Therapy Vectors. Hematology/Oncology Clinics of North America, 2017, 31, 753-770.	0.9	83
11	Therapeutic strategies for spinal muscular atrophy: SMN and beyond. DMM Disease Models and Mechanisms, 2017, 10, 943-954.	1.2	87
12	Intrastriatal Delivery of Integration-Deficient Lentiviral Vectors in a Rat Model of Parkinsonâ€™s Disease. Methods in Molecular Biology, 2016, 1448, 175-184.	0.4	2
13	Current Progress in Therapeutic Gene Editing for Monogenic Diseases. Molecular Therapy, 2016, 24, 465-474.	3.7	92
14	Efficient Expression of Igf-1 from Lentiviral Vectors Protects In Vitro but Does Not Mediate Behavioral Recovery of a Parkinsonian Lesion in Rats. Human Gene Therapy, 2015, 26, 719-733.	1.4	6
15	Decay in survival motor neuron and plastin 3 levels during differentiation of iPSC-derived human motor neurons. Scientific Reports, 2015, 5, 11696.	1.6	32
16	Enhanced Efficacy of the CDNF/MANF Family by Combined Intranigral Overexpression in the 6-OHDA Rat Model of Parkinson's Disease. Molecular Therapy, 2015, 23, 244-254.	3.7	69
17	Large-Scale Chondroitin Sulfate Proteoglycan Digestion with Chondroitinase Gene Therapy Leads to Reduced Pathology and Modulates Macrophage Phenotype following Spinal Cord Contusion Injury. Journal of Neuroscience, 2014, 34, 4822-4836.	1.7	200
18	Long-Term Episomal Transgene Expression from Mitotically Stable Integration-Deficient Lentiviral Vectors. Human Gene Therapy, 2014, 25, 428-442.	1.4	28

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19	Lentiviral Vector-Mediated RNA Silencing in the Central Nervous System. Human Gene Therapy Methods, 2014, 25, 14-32.	2.1	25
20	Transgenic Expression of Human Glial Cell Line-Derived Neurotrophic Factor from Integration-Deficient Lentiviral Vectors is Neuroprotective in a Rodent Model of Parkinson's Disease. Human Gene Therapy, 2014, 25, 631-641.	1.4	18
21	A Southern Blot Protocol to Detect Chimeric Nuclease-Mediated Gene Repair. Methods in Molecular Biology, 2014, 1114, 325-338.	0.4	1
22	Gene Correction of a Duchenne Muscular Dystrophy Mutation by Meganuclease-Enhanced Exon Knock-In. Human Gene Therapy, 2013, 24, 692-701.	1.4	61
23	Activation of EphA Receptors Mediates the Recruitment of the Adaptor Protein Slap, Contributing to the Downregulation of N-Methyl-<scp>d</scp>-Aspartate Receptors. Molecular and Cellular Biology, 2013, 33, 1442-1455.	1.1	11
24	Chromosomal context and epigenetic mechanisms control the efficacy of genome editing by rare-cutting designer endonucleases. Nucleic Acids Research, 2012, 40, 6367-6379.	6.5	65
25	Challenges for Gene Therapy of CNS Disorders and Implications for Parkinson's Disease Therapies. Human Gene Therapy, 2012, 23, 340-343.	1.4	9
26	Lentiviral vectors encoding short hairpin RNAs efficiently transduce and knockdown LINGOâ€1 but induce an interferon response and cytotoxicity in central nervous system neurones. Journal of Gene Medicine, 2012, 14, 299-315.	1.4	17
27	Highly potent delivery method of gp160 envelope vaccine combining lentivirus-like particles and DNA electrotransfer. Journal of Controlled Release, 2012, 159, 376-383.	4.8	9
28	Lentiviral vectors express chondroitinase ABC in cortical projections and promote sprouting of injured corticospinal axons. Journal of Neuroscience Methods, 2011, 201, 228-238.	1.3	80
29	Lentiviral Vector Integration Profiles Differ in Rodent Postmitotic Tissues. Molecular Therapy, 2011, 19, 703-710.	3.7	51
30	Chromosome rearrangement associated inactivation of tumour suppressor genes in prostate cancer. American Journal of Cancer Research, 2011, 1, 604-17.	1.4	26
31	The COXâ€2 inhibitors, meloxicam and nimesulide, suppress neurogenesis in the adult mouse brain. British Journal of Pharmacology, 2010, 159, 1118-1125.	2.7	55
32	Cortical Overexpression of Neuronal Calcium Sensor-1 Induces Functional Plasticity in Spinal Cord Following Unilateral Pyramidal Tract Injury in Rat. PLoS Biology, 2010, 8, e1000399.	2.6	60
33	Integration-deficient Lentiviral Vectors: A Slow Coming of Age. Molecular Therapy, 2009, 17, 1316-1332.	3.7	185
34	Comprehensive genomic access to vector integration in clinical gene therapy. Nature Medicine, 2009, 15, 1431-1436.	15.2	173
35	Genomic insertion of lentiviral DNA circles directed by the yeast Flp recombinase. BMC Biotechnology, 2008, 8, 60.	1.7	42
36	A diacylglycerol lipase-CB2 cannabinoid pathway regulates adult subventricular zone neurogenesis in an age-dependent manner. Molecular and Cellular Neurosciences, 2008, 38, 526-536.	1.0	158

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37	Identification of a Recurrent t(4;6) Chromosomal Translocation in Prostate Cancer. Journal of Urology, 2007, 177, 1907-1912.	0.2	5
38	Rapid high-resolution karyotyping with precise identification of chromosome breakpoints. Genes Chromosomes and Cancer, 2007, 46, 675-683.	1.5	17
39	Accumulation of the inhibitory receptor EphA4 may prevent regeneration of corticospinal tract axons following lesion. European Journal of Neuroscience, 2006, 23, 1721-1730.	1.2	70
40	Effective gene therapy with nonintegrating lentiviral vectors. Nature Medicine, 2006, 12, 348-353.	15.2	416
41	African Swine Fever Virus Protein pE296R Is a DNA Repair Apurinic/Apyrimidinic Endonuclease Required for Virus Growth in Swine Macrophages. Journal of Virology, 2006, 80, 4847-4857.	1.5	33