

PROGRAMA DE DOCTORADO EN BIOMEDICINA
LÍNEA DE INVESTIGACIÓN EN INVESTIGACIÓN TRASLACIONAL
Publicaciones relevantes desde el año 2012

ESMERALDA CARRILLO DELGADO

Publicación	Posición de revista en el área	Total revistas en el área
López-Ruiz E, Jiménez G, Kwiatkowski W, Montañez E, Arrebola F, Carrillo E,Choe S, Marchal JA, Perán M. Impact of TGF- β family-related growth factors onchondrogenic differentiation of adipose-derived stem cells isolated from lipoaspirates and infrapatellar fat pads of osteoarthritic patients. Eur Cell Mater. 2018 Apr 13;35:209-224. doi: 10.22203/eCM.v035a15. PubMed PMID: 29652075; PubMed Central PMCID: PMC5922762.	14	78
Garcia-Ortega MB, Lopez GJ, Jimenez G, Garcia-Garcia JA,Conde V, Boulaiz H, Carrillo E, Perán M, Marchal JA, Garcia MA. Clinical and therapeutic potential ofprotein kinase PKR in cancer and metabolism. Expert Rev Mol Med. 2017 Jul 20;19:e9. doi: 10.1017/erm.2017.11. Review. PubMed PMID: 28724458.	36	133
Navarro SA, Carrillo E, Griñán-Lisón C, Martín A, Perán M, Marchal JA, BoulaizH. Cancer suicide gene therapy: a patent review. Expert Opin Ther Pat. 2016 Sep;26(9):1095-104. doi: 10.1080/13543776.2016.1211640. Epub 2016 Jul 20. Review.PubMed PMID: 27424657.	20	60
Jiménez G, López-Ruiz E, Kwiatkowski W, Montañez E, Arrebola F, Carrillo E,Gray PC, Izpisua Belmonte JC, Choe S, Perán M, Marchal JA. Activin A/BMP2 chimeraAB235 drives efficient redifferentiation of long term cultured autologouschondrocytes. Sci Rep. 2015 Nov 13;5:16400. doi: 10.1038/srep16400. PubMed PMID: 26563344; PubMed Central PMCID: PMC4643338.	7	63
Carrillo E, Navarro SA, Ramírez A, García MÁ, Griñán-Lisón C, Perán M, Marchal JA. 5-Fluorouracil derivatives: a patent review (2012 - 2014). Expert Opin Ther Pat. 2015;25(10):1131-44. doi: 10.1517/13543776.2015.1056736. Epub 2015 Jul 13.Review. PubMed PMID: 26165922.	4	59
López-Ruiz E, Perán M, Picón-Ruiz M, García MA, Carrillo E, Jiménez-Navarro M,Hernández MC, Prat I, De Teresa E, Marchal JA. Cardiomyogenic differentiation potential of human endothelial progenitor cells isolated from	38	123

patients with myocardial infarction. <i>Cytotherapy</i> . 2014 Sep;16(9):1229-37. doi: 10.1016/j.jcyt.2014.05.012. Epub 2014 Jun 23. PubMed PMID: 24969968		
Boulaiz H, Aránega A, Cáceres B, Alvarez P, Serrano-Rodríguez F, Carrillo E, Melguizo C, Prados J. A novel double-enhanced suicide gene therapy in a coloncancer cell line mediated by gef and apoptin. <i>BioDrugs</i> . 2014 Feb;28(1):63-74. doi: 10.1007/s40259-013-0055-0. Erratum in: <i>BioDrugs</i> . 2014 Feb;28(1):121. Blanca, Cáceres [corrected to Cáceres, Blanca]; Pablo, Alvarez [corrected to Alvarez, Pablo]; Fernando, Rodrigues-Serrano [corrected to Serrano-Rodríguez, Fernando]; Esmeralda, Carrillo [corrected to Carrillo, Esmeralda]; Consolación, Melguizo [correct. PubMed PMID: 23921576.	80	255
Alvarez P, Carrillo E, Vélez C, Hita-Contreras F, Martínez-Amat A, Rodríguez-Serrano F, Boulaiz H, Ortiz R, Melguizo C, Prados J, Aránega A. Regulatory systems in bone marrow for hematopoietic stem/progenitor cells mobilization and homing. <i>Biomed Res Int</i> . 2013;2013:312656. doi:10.1155/2013/312656. Epub 2013 Jun 17. Review. PubMed PMID: 23844360; PubMed Central PMCID: PMC3703413.	162	165
Prados J, Alvarez PJ, Melguizo C, Rodríguez-Serrano F, Carrillo E, Boulaiz H, Vélez C, Marchal JA, Caba O, Ortiz R, Rama A, Aránega A. How is gene transfection able to improve current chemotherapy? The role of combined therapy in cancer treatment. <i>Curr Med Chem</i> . 2012;19(12):1870-88. Review. PubMed PMID: 22414080.	5	59
Álvarez P, Marchal JA, Boulaiz H, Carrillo E, Vélez C, Rodríguez-Serrano F, Melguizo C, Prados J, Madeddu R, Aránega A. 5-Fluorouracil derivatives: a patent review. <i>Expert Opin Ther Pat</i> . 2012 Feb;22(2):107-23. doi: 10.1517/13543776.2012.661413. Epub 2012 Feb 14. Review. PubMed PMID: 22329541.	12	59
Domínguez-Franco A, González FJ, Rodríguez-Losada N, Marchal JA, Cabrera-BuenF, Carrillo E, Gómez-Doblas JJ, Perán M, Alonso-Briales JH, Jiménez-Navarro MF, Aránega A, De Teresa Galván E; Red de Investigación Cardiovascular (RECAVA). [Factors influencing mobilisation of endothelial progenitor cells and angiogenic cytokines after an extensive acute myocardial infarction]. <i>Med Clin (Barc)</i> . 2012 Apr 21;138(10):415-21. doi: 10.1016/j.medcli.2011.05.031. Epub 2011 Dec 23. Spanish. PubMed PMID: 22197368.	65	155

Marchal JA, Picón M, Perán M, Bueno C, Jiménez-Navarro M, Carrillo E, BoulaizH, Rodríguez N, Álvarez P, Menendez P, de Teresa E, Aránega A. Purification and long-term expansion of multipotent endothelial-like cells with potential cardiovascular regeneration. <i>Stem Cells Dev.</i> 2012 Mar 1;21(4):562-74. doi: 10.1089/scd.2011.0072. Epub 2011 Jun 17. PubMed PMID: 21542697	20	121
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MARÍA ANGEL GARCÍA CHAVES

Publicación	Posición de revista en el área	Total revistas en el área
Jiménez G, Hackenberg M, Catalina P, Boulaiz H, Griñán-Lisón C, García MÁ, Perán M, López-Ruiz E, Ramírez A, Morata-Tarifa C, Carrasco E, Aguilera M, Marchal JA. Mesenchymal stem cell's secretome promotes selective enrichment of cancer stem-like cells with specific cytogenetic profile. <i>Cancer Lett.</i> 2018 Aug 10;429:78-88. doi: 10.1016/j.canlet.2018.04.042. Epub 2018 May 5. PubMed PMID: 29733965	28	222
Perán M, López-Ruiz E, García MÁ, Nadaraia-Hoke S, Brandt R, Marchal JA, Kenyon J. A formulation of pancreatic pro-enzymes provides potent anti-tumour efficacy: a pilot study focused on pancreatic and ovarian cancer. <i>Sci Rep.</i> 2017 Oct 25;7(1):13998. doi: 10.1038/s41598-017-14571-x. PubMed PMID: 29070896; PubMed Central PMCID: PMC5656641	12	64
Garcia-Ortega MB, Lopez GJ, Jimenez G, Garcia-Garcia JA, Conde V, Boulaiz H, Carrillo E, Perán M, Marchal JA, Garcia MA. Clinical and therapeutic potential of protein kinase PKR in cancer and metabolism. <i>Expert Rev Mol Med.</i> 2017 Jul 20;19:e9. doi: 10.1017/erm.2017.11. Review. PubMed PMID: 28724458	36	133
Cruz-López O, Ramírez A, Navarro SA, García MA, Marchal JA, Campos JM, Conejo-García A. 1-(Benzenesulfonyl)-1,5-dihydro-4,1-benzoxazepine as a new scaffold for the design of antitumor compounds. <i>Future Med Chem.</i> 2017 Jul;9(11):1129-1140. doi: 10.4155/fmc-2017-0006. Epub 2017 Jul 19. PubMed PMID: 28722472	9	59
Morata-Tarifa C, Picon-Ruiz M, Griñan-Lison C, Boulaiz H, Perán M, Garcia MA, Marchal JA. Validation of suitable normalizers for miR expression patterns analysis covering tumour heterogeneity. <i>Sci Rep.</i> 2017 Jan 4;7:39782. doi: 10.1038/srep39782. PubMed PMID: 28051134; PubMed Central PMCID: PMC5209713	12	64
López-Ruiz E, Jiménez G, García MÁ, Antich C, Boulaiz H, Marchal JA, Perán M. Polymers, scaffolds and bioactive molecules with therapeutic properties in osteochondral pathologies: what's new? <i>Expert Opin Ther Pat.</i> 2016 Aug;26(8):877-90. doi: 10.1080/13543776.2016.1203903. Epub 2016 Jul 8. Review. PubMed PMID: 27337937	20	60

Morata-Tarifa C, Jiménez G, García MA, Entrena JM, Griñán-Lisón C, Aguilera M, Picon-Ruiz M, Marchal JA. Low adherent cancer cell subpopulations are enriched in tumorigenic and metastatic epithelial-to-mesenchymal transition-induced cancer stem-like cells. <i>Sci Rep.</i> 2016 Jan 11;6:18772. doi: 10.1038/srep18772. PubMed PMID: 26752044; PubMed Central PMCID: PMC4707518	10	64
Carrillo E, Navarro SA, Ramírez A, García MÁ, Griñán-Lisón C, Perán M, Marchal JA. 5-Fluorouracil derivatives: a patent review (2012 - 2014). <i>Expert Opin Ther Pat.</i> 2015;25(10):1131-44. doi: 10.1517/13543776.2015.1056736. Epub 2015 Jul 13. Review. PubMed PMID: 26165922	4	59
Serrano MJ, Ortega FG, Alvarez-Cubero MJ, Nadal R, Sanchez-Rovira P, Salido M, Rodríguez M, García-Puche JL, Delgado-Rodriguez M, Solé F, García MA, Perán M, Rosell R, Marchal JA, Lorente JA. EMT and EGFR in CTCs cytokeratin negative non-metastatic breast cancer. <i>Oncotarget.</i> 2014 Sep 15;5(17):7486-97. PubMed PMID: 25277187; PubMed Central PMCID: PMC4202138	21	221
López-Ruiz E, Perán M, Picón-Ruiz M, García MA, Carrillo E, Jiménez-Navarro M, Hernández MC, Prat I, De Teresa E, Marchal JA. Cardiomyogenic differentiation potential of human endothelial progenitor cells isolated from patients with myocardial infarction. <i>Cytotherapy.</i> 2014 Sep;16(9):1229-37. doi: 10.1016/j.jcyt.2014.05.012. Epub 2014 Jun 23. PubMed PMID: 24969968	21	68
Ramírez A, Boulaiz H, Morata-Tarifa C, Perán M, Jiménez G, Picon-Ruiz M, Agil A, Cruz-López O, Conejo-García A, Campos JM, Sánchez A, García MA, Marchal JA. HER2-signaling pathway, JNK and ERKs kinases, and cancer stem-like cells are targets of Bozepinib small compound. <i>Oncotarget.</i> 2014 Jun 15;5(11):3590-606. PubMed PMID: 24946763; PubMed Central PMCID: PMC4116505	21	221
Marchal JA, Lopez GJ, Peran M, Comino A, Delgado JR, García-García JA, Conde V, Aranda FM, Rivas C, Esteban M, Garcia MA. The impact of PKR activation: from neurodegeneration to cancer. <i>FASEB J.</i> 2014 May;28(5):1965-74. doi: 10.1096/fj.13-248294. Epub 2014 Feb 12. Review. PubMed PMID: 24522206	9	85
Marchal JA, Carrasco E, Ramirez A, Jiménez G, Olmedo C, Peran M, Agil A, Conejo-García A, Cruz-López O, Campos JM, García MÁ. Bozepinib, a novel small antitumor agent, induces PKR-mediated apoptosis and synergizes with IFN α triggering apoptosis, autophagy and senescence. <i>Drug Des Devel Ther.</i> 2013 Oct 29;7:1301-13. doi: 10.2147/DDDT.S51354. eCollection 2013. PubMed PMID: 24194639; PubMed Central PMCID: PMC3815003	19	58
García-Rubiño ME, Conejo-García A, Núñez MC, Carrasco E, García MA, Choquesillo-Lazarte D, García-Ruiz JM, Gallo MA, Marchal JA, Campos JM. Enantiospecific synthesis of heterocycles linked to purines: different apoptosis	9	58

modulation of enantiomers in breast cancer cells. <i>Curr Med Chem.</i> 2013;20(38):4924-34. PubMed PMID: 24059234		
Asara Y, Marchal JA, Carrasco E, Boulaiz H, Solinas G, Bandiera P, Garcia MA, Farace C, Montella A, Madeddu R. Cadmium modifies the cell cycle and apoptotic profiles of human breast cancer cells treated with 5-fluorouracil. <i>Int J Mol Sci.</i> 2013 Aug 12;14(8):16600-16. doi: 10.3390/ijms140816600. PubMed PMID: 23941782; PubMed Central PMCID: PMC3759927	52	148
Perán M, Marchal JA, García MA, Kenyon J, Tosh D. In vitro treatment of carcinoma cell lines with pancreatic (pro)enzymes suppresses the EMT programme and promotes cell differentiation. <i>Cell Oncol (Dordr).</i> 2013 Jul;36(4):289-301. doi: 10.1007/s13402-013-0134-8. Epub 2013 May 16. PubMed PMID: 23677639	36	76
Perán M, García MA, Lopez-Ruiz E, Jiménez G, Marchal JA. How Can Nanotechnology Help to Repair the Body? <i>Advances in Cardiac, Skin, Bone, Cartilage and Nerve Tissue Regeneration. Materials (Basel).</i> 2013 Mar 28;6(4):1333-1359. doi: 10.3390/ma6041333. Review. PubMed PMID: 28809213; PubMed Central PMCID: PMC5452318	81	251
Perán M, García MA, López-Ruiz E, Bustamante M, Jiménez G, Madeddu R, Marchal JA. Functionalized nanostructures with application in regenerative medicine. <i>Int J Mol Sci.</i> 2012;13(3):3847-86. doi: 10.3390/ijms13033847. Epub 2012 Mar 22. Review. PubMed PMID: 22489186; PubMed Central PMCID: PMC3317746	48	152
de la Cruz-Herrera CF, Campagna M, García MA, Marcos-Villar L, Lang V, Baz-Martínez M, Gutiérrez S, Vidal A, Rodríguez MS, Esteban M, Rivas C. Activation of the double-stranded RNA-dependent protein kinase PKR by small ubiquitin-like modifier (SUMO). <i>J Biol Chem.</i> 2014 Sep 19;289(38):26357-67. doi: 10.1074/jbc.M114.560961. Epub 2014 Jul 29. PubMed PMID: 25074923; PubMed Central PMCID: PMC4176227	61	290

MACARENA PERÁN QUESADA

Publicación	Posición de revista en el área	Total revistas en el área
Melchor JM, , López-Ruiz E, Soto J, Jiménez G, Antich C, Perán M, Baena JM, Marchal JA, Rus G. In-bioreactor ultrasonic monitoring of 3D culture human engineered cartilage. <i>Sensors and Actuators B.</i> 266 (2018) 841–852.	7	80
Jiménez G, Hackenberg M, Catalina P, Boulaiz H, Griñán-Lisón C, García MÁ, Perán M, López-Ruiz E, Ramírez A, Morata-Tarifa C, Carrasco E, Aguilera M,	28	222

Marchal JA. Mesenchymal stem cell's secretome promotes selective enrichment of cancer stem-like cells with specific cytogenetic profile. <i>Cancer Lett.</i> 2018 Aug 10;429:78-88. doi: 10.1016/j.canlet.2018.04.042. Epub 2018 May 5. PubMed PMID: 29733965.		
López-Ruiz E, Jiménez G, Kwiatkowski W, Montañez E, Arrebola F, Carrillo E, Choe S, Marchal JA, Perán M. Impact of TGF- β family-related growth factors on chondrogenic differentiation of adipose-derived stem cells isolated from lipoaspirates and infrapatellar fat pads of osteoarthritic patients. <i>Eur Cell Mater.</i> 2018 Apr 13;35:209-224. doi: 10.22203/eCM.v035a15. PubMed PMID: 29652075; PubMed Central PMCID: PMC5922762.	14	78
Perán M, López-Ruiz E, García MÁ, Nadaraia-Hoke S, Brandt R, Marchal JA, Kenyon J. A formulation of pancreatic pro-enzymes provides potent anti-tumour efficacy: a pilot study focused on pancreatic and ovarian cancer. <i>Sci Rep.</i> 2017 Oct 25;7(1):13998. doi: 10.1038/s41598-017-14571-x. PubMed PMID: 29070896; PubMed Central PMCID: PMC5656641.	12	64
Pina S, Canadas RF, Jiménez G, Perán M, Marchal JA, Reis RL, Oliveira JM. Biofunctional Ionic-Doped Calcium Phosphates: Silk Fibroin Composites for Bone Tissue Engineering Scaffolding. <i>Cells Tissues Organs.</i> 2017;204(3-4):150-163. doi: 10.1159/000469703. Epub 2017 Aug 12. PubMed PMID: 28803246.	14	21
Garcia-Ortega MB, Lopez GJ, Jimenez G, Garcia-Garcia JA, Conde V, Boulaiz H, Carrillo E, Perán M, Marchal JA, Garcia MA. Clinical and therapeutic potential of protein kinase PKR in cancer and metabolism. <i>Expert Rev Mol Med.</i> 2017 Jul 20;19:e9. doi: 10.1017/erm.2017.11. Review. PubMed PMID: 28724458.	36	133
6: López-Ruiz E, Venkateswaran S, Perán M, Jiménez G, Pernagallo S, Díaz-Mochón JJ, Tura-Ceide O, Arrebola F, Melchor J, Soto J, Rus G, Real PJ, Diaz-Ricart M, Conde-González A, Bradley M, Marchal JA. Poly(ethylmethacrylate-co-diethylaminoethyl acrylate) coating improves endothelial re-population, bio-mechanical and anti-thrombogenic properties of decellularized carotid arteries for blood vessel replacement. <i>Sci Rep.</i> 2017 Mar 24;7(1):407. doi: 10.1038/s41598-017-00294-6. PubMed PMID: 28341826; PubMed Central PMCID: PMC5412652.	12	64
7: Estades-Rubio FJ, Reyes-Martín A, Morales-Marcos V, García-Piriz M, García-Vera JJ, Perán M, Marchal JA, Montañez-Heredia E. Knee Viscosupplementation: Cost-Effectiveness Analysis between Stabilized Hyaluronic Acid in a Single Injection versus Five Injections of Standard Hyaluronic Acid. <i>Int J Mol Sci.</i> 2017 Mar 17;18(3). pii: E658. doi: 10.3390/ijms18030658. PubMed PMID: 28304363; PubMed Central PMCID: PMC5372670.	52	171
Morata-Tarifa C, Picon-Ruiz M, Griñan-Lison C, Boulaiz H, Perán M, Garcia MA, Marchal JA. Validation of suitable normalizers for miR expression patterns analysis covering tumour heterogeneity. <i>Sci Rep.</i> 2017 Jan 4;7:39782. doi: 10.1038/srep39782. PubMed PMID: 28051134; PubMed Central PMCID:	12	64

PMC5209713.		
Navarro SA, Carrillo E, Griñán-Lisón C, Martín A, Perán M, Marchal JA, Boulaiz H. Cancer suicide gene therapy: a patent review. <i>Expert Opin Ther Pat.</i> 2016 Sep;26(9):1095-104. doi: 10.1080/13543776.2016.1211640. Epub 2016 Jul 20. Review. PubMed PMID: 27424657.	20	60
Montañez-Heredia E, Irizar S, Huertas PJ, Otero E, Del Valle M, Prat I, Díaz-Gallardo MS, Perán M, Marchal JA, Hernandez-Lamas Mdel C. Intra-Articular Injections of Platelet-Rich Plasma versus Hyaluronic Acid in the Treatment of Osteoarthritic Knee Pain: A Randomized Clinical Trial in the Context of the Spanish National Health Care System. <i>Int J Mol Sci.</i> 2016 Jul 2;17(7). pii: E1064. doi: 10.3390/ijms17071064. PubMed PMID: 27384560; PubMed Central PMCID: PMC4964440.	54	166
López-Ruiz E, Jiménez G, García MÁ, Antich C, Boulaiz H, Marchal JA, Perán M. Polymers, scaffolds and bioactive molecules with therapeutic properties in osteochondral pathologies: what's new? <i>Expert Opin Ther Pat.</i> 2016 Aug;26(8):877-90. doi: 10.1080/13543776.2016.1203903. Epub 2016 Jul 8. Review. PubMed PMID: 27337937.	20	60
Jiménez G, López-Ruiz E, Kwiatkowski W, Montañez E, Arrebola F, Carrillo E, Gray PC, Izpisua Belmonte JC, Choe S, Perán M, Marchal JA. Activin A/BMP2 chimera AB235 drives efficient redifferentiation of long term cultured autologous chondrocytes. <i>Sci Rep.</i> 2015 Nov 13;5:16400. doi: 10.1038/srep16400. PubMed PMID: 26563344; PubMed Central PMCID: PMC4643338.	7	63
Carrillo E, Navarro SA, Ramírez A, García MÁ, Griñán-Lisón C, Perán M, Marchal JA. 5-Fluorouracil derivatives: a patent review (2012 - 2014). <i>Expert Opin Ther Pat.</i> 2015;25(10):1131-44. doi: 10.1517/13543776.2015.1056736. Epub 2015 Jul 13. Review. PubMed PMID: 26165922.	4	59
Roman S, Agil A, Peran M, Alvaro-Galue E, Ruiz-Ojeda FJ, Fernández-Vázquez G, Marchal JA. Brown adipose tissue and novel therapeutic approaches to treat metabolic disorders. <i>Transl Res.</i> 2015 Apr;165(4):464-79. doi: 10.1016/j.trsl.2014.11.002. Epub 2014 Nov 8. Review. PubMed PMID: 25433289.	2	30
Serrano MJ, Ortega FG, Alvarez-Cubero MJ, Nadal R, Sanchez-Rovira P, Salido M, Rodríguez M, García-Puche JL, Delgado-Rodríguez M, Solé F, García MA, Perán M, Rosell R, Marchal JA, Lorente JA. EMT and EGFR in CTCs cytokeratin negative non-metastatic breast cancer. <i>Oncotarget.</i> 2014 Sep 15;5(17):7486-97. PubMed PMID: 25277187; PubMed Central PMCID: PMC4202138.	21	221
López-Ruiz E, Perán M, Picón-Ruiz M, García MA, Carrillo E, Jiménez-Navarro M, Hernández MC, Prat I, De Teresa E, Marchal JA. Cardiomyogenic differentiation potential of human endothelial progenitor cells isolated from patients with myocardial infarction. <i>Cytotherapy.</i> 2014 Sep;16(9):1229-37. doi:	21	68

10.1016/j.jcyt.2014.05.012. Epub 2014 Jun 23. PubMed PMID: 24969968.		
Ramírez A, Boulaiz H, Morata-Tarifa C, Perán M, Jiménez G, Picon-Ruiz M, Agil A, Cruz-López O, Conejo-García A, Campos JM, Sánchez A, García MA, Marchal JA. HER2-signaling pathway, JNK and ERKs kinases, and cancer stem-like cells are targets of Bozepinib small compound. <i>Oncotarget</i> . 2014 Jun 15;5(11):3590-606. PubMed PMID: 24946763; PubMed Central PMCID: PMC4116505.	21	221
Marchal JA, Lopez GJ, Peran M, Comino A, Delgado JR, García-García JA, Conde V, Aranda FM, Rivas C, Esteban M, Garcia MA. The impact of PKR activation: from neurodegeneration to cancer. <i>FASEB J</i> . 2014 May;28(5):1965-74. doi: 10.1096/fj.13-248294. Epub 2014 Feb 12. Review. PubMed PMID: 24522206.	9	85
Esquivies L, Blackler A, Peran M, Rodriguez-Esteban C, Izpisua Belmonte JC, Booker E, Gray PC, Ahn C, Kwiatkowski W, Choe S. Designer nodal/BMP2 chimeras mimic nodal signaling, promote chondrogenesis, and reveal a BMP2-like structure. <i>J Biol Chem</i> . 2014 Jan 17;289(3):1788-97. doi: 10.1074/jbc.M113.529180. Epub 2013 Dec 5. PubMed PMID: 24311780; PubMed Central PMCID: PMC3894355.	61	290
Perán M, López-Ruiz E, González-Herrera L, Bustamante M, Valenzuela A, Marchal JA. Cellular extracts from post-mortem human cardiac tissue direct cardiomyogenic differentiation of human adipose tissue-derived stem cells. <i>Cytotherapy</i> . 2013 Dec;15(12):1541-8. doi: 10.1016/j.jcyt.2013.06.016. PubMed PMID: 24199593.	24	68
Marchal JA, Carrasco E, Ramirez A, Jiménez G, Olmedo C, Peran M, Agil A, Conejo-García A, Cruz-López O, Campos JM, García MÁ. Bozepinib, a novel small antitumor agent, induces PKR-mediated apoptosis and synergizes with IFN α triggering apoptosis, autophagy and senescence. <i>Drug Des Devel Ther</i> . 2013 Oct 29;7:1301-13. doi: 10.2147/DDDT.S51354. eCollection 2013. PubMed PMID: 24194639; PubMed Central PMCID: PMC3815003.	19	58
Perán M, Marchal JA, García MA, Kenyon J, Tosh D. In vitro treatment of carcinoma cell lines with pancreatic (pro)enzymes suppresses the EMT programme and promotes cell differentiation. <i>Cell Oncol (Dordr)</i> . 2013 Jul;36(4):289-301. doi: 10.1007/s13402-013-0134-8. Epub 2013 May 16. PubMed PMID: 23677639.	36	76
Sanchez-Martin R, Cano-Cortés V, Marchal JA, Perán M. In vitro nanoparticle-mediated intracellular delivery into human adipose-derived stem cells. <i>Methods Mol Biol</i> . 2013;1058:41-7. doi: 10.1007/7651_2013_7. PubMed PMID: 23592034.		
Perán M, García MA, Lopez-Ruiz E, Jiménez G, Marchal JA. How Can Nanotechnology Help to Repair the Body? <i>Advances in Cardiac, Skin, Bone, Cartilage and Nerve Tissue Regeneration. Materials (Basel)</i> . 2013 Mar 28;6(4):1333-1359. doi: 10.3390/ma6041333. Review. PubMed PMID: 28809213; PubMed Central PMCID: PMC5452318.	81	251

Peran M, Ruiz S, Kwiatkowski W, Marchal JA, Yang SL, Aranega A, Choe S, Izpisua Belmonte JC. Activin/BMP2 chimeric ligands direct adipose-derived stem cells to chondrogenic differentiation. <i>Stem Cell Res.</i> 2013 May;10(3):464-76. doi: 10.1016/j.scr.2013.02.002. Epub 2013 Feb 12. PubMed PMID: 23500646.	31	165
López-Ruiz E, Perán M, Cobo-Molinos J, Jiménez G, Picón M, Bustamante M, Arrebola F, Hernández-Lamas MC, Delgado-Martínez AD, Montañez E, Marchal JA. Chondrocytes extract from patients with osteoarthritis induces chondrogenesis in infrapatellar fat pad-derived stem cells. <i>Osteoarthritis Cartilage.</i> 2013 Jan;21(1):246-58. doi: 10.1016/j.joca.2012.10.007. Epub 2012 Oct 18. PubMed PMID: 23085560.	2	67
Perán M, García MA, López-Ruiz E, Bustamante M, Jiménez G, Madeddu R, Marchal JA. Functionalized nanostructures with application in regenerative medicine. <i>Int J Mol Sci.</i> 2012;13(3):3847-86. doi: 10.3390/ijms13033847. Epub 2012 Mar 22. Review. PubMed PMID: 22489186; PubMed Central PMCID: PMC3317746.	48	152
Domínguez-Franco A, González FJ, Rodríguez-Losada N, Marchal JA, Cabrera-Bueno F, Carrillo E, Gómez-Doblas JJ, Perán M, Alonso-Briales JH, Jiménez-Navarro MF, Aránega A, De Teresa Galván E; Red de Investigación Cardiovascular (RECAVA). [Factors influencing mobilisation of endothelial progenitor cells and angiogenic cytokines after an extensive acute myocardial infarction]. <i>Med Clin (Barc).</i> 2012 Apr 21;138(10):415-21. doi: 10.1016/j.medcli.2011.05.031. Epub 2011 Dec 23. Spanish. PubMed PMID: 22197368.	65	153
Marchal JA, Picón M, Perán M, Bueno C, Jiménez-Navarro M, Carrillo E, Boulaiz H, Rodríguez N, Álvarez P, Menendez P, de Teresa E, Aránega A. Purification and long-term expansion of multipotent endothelial-like cells with potential cardiovascular regeneration. <i>Stem Cells Dev.</i> 2012 Mar 1;21(4):562-74. doi: 10.1089/scd.2011.0072. Epub 2011 Jun 17. PubMed PMID: 21542697.	2	24

HOURIA BOULAIZ TASSI

Publicación	Posición de revista en el área	Total revistas en el área
Enhancement of tumour cell death by combining gef gene mediated therapy and new 1,4-benzoxazepin-2,6-dichloropurine derivatives in breast cancer cells. Ramirez A., Conejo-García A., Griñán-Lisón C., López-Cara L.C., Jimenez G, Campos J.M., Marchal J.A. and Boulaiz H. <i>Front. Pharmacol.</i> 2018 (IF: 3.831)	48	261
Jiménez G, Hackenberg M, Catalina P, Boulaiz H, Griñán-Lisón C, García MÁ, Perán M, López-Ruiz E, Ramírez A, Morata-Tarifa C, Carrasco E, Aguilera M, Marchal JA. Mesenchymal stem cell's secretome promotes selective enrichment of cancer stem-like cells with specific cytogenetic profile. <i>Cancer Lett.</i> 2018 Aug 10;429:78-88. doi: 10.1016/j.canlet.2018.04.042. Epub 2018 May 5. PubMed PMID:29733965. (IF: 6.491)	28	222
Ayén A, Jiménez Martínez Y, Marchal JA, Boulaiz H. Recent progress in gene therapy for ovarian cancer. <i>Int J Mol Sci.</i> 2018,19, 1930; doi:10.3390/ijms19071930 (IF: 3.687)	90	292
Galisteo-González F, Molina-Bolívar JA, Navarro SA, Boulaiz H, Aguilera-Garrido A, Ramírez A, Marchal JA. Albumin-covered lipid nanocapsules exhibit enhanced uptake performance by breast-tumor cells. <i>Colloids Surf B Biointerfaces.</i> 2018 May 1;165:103-110. doi: 10.1016/j.colsurfb.2018.02.024. Epub 2018 Feb 13. PubMed PMID: 29471218. (IF: 3.997)	13	72
Boulaiz H, Ramos MC, Griñán-Lisón C, García-Rubiño ME, Vicente F, Marchal JA. What's new in the diagnosis of pancreatic cancer: a patent review (2011-present). <i>Expert Opin Ther Pat.</i> 2017 Dec;27(12):1319-1328. doi:10.1080/13543776.2017.1379991. Epub 2017 Sep 21. Review. PubMed PMID: 28929814. (IF: 2.867)	102	261
García-Ortega MB, Lopez GJ, Jimenez G, Garcia-Garcia JA, Conde V, Boulaiz H, Carrillo E, Perán M, Marchal JA, Garcia MA. Clinical and therapeutic potential of protein kinase PKR in cancer and metabolism. <i>Expert Rev Mol Med.</i> 2017 Jul 20;19:e9. doi: 10.1017/erm.2017.11. Review. PubMed PMID: 28724458. (IF: 3.833)	80	292
Ramos MC, Boulaiz H, Griñán-Lisón C, Marchal JA, Vicente F. What's new in treatment of pancreatic cancer: a patent review (2010-2017). <i>Expert Opin Ther Pat.</i> 2017 Nov;27(11):1251-1266. doi: 10.1080/13543776.2017.1349106. Epub 2017 Jul 12. Review. PubMed PMID: 28665163. (IF: 2.867)	102	261
Morata-Tarifa C, Picon-Ruiz M, Griñán-Lisón C, Boulaiz H, Perán M, Garcia MA, Marchal JA. Validation of suitable normalizers for miR expression patterns analysis covering tumour heterogeneity. <i>Sci Rep.</i> 2017 Jan 4;7:39782. doi:10.1038/srep39782. PubMed PMID: 28051134; PubMed Central PMCID: PMC5209713. (IF: 4.122)	12	64
Navarro SA, Carrillo E, Griñán-Lisón C, Martín A, Perán M, Marchal JA, Boulaiz H. Cancer suicide gene therapy: a patent review. <i>Expert Opin Ther Pat.</i> 2016 Sep;26(9):1095-104. doi: 10.1080/13543776.2016.1211640. Epub 2016 Jul 20. Review. PubMed PMID: 27424657. (IF: 3.041)	85	257

López-Ruiz E, Jiménez G, García MÁ, Antich C, Boulaiz H, Marchal JA, Perán M. Polymers, scaffolds and bioactive molecules with therapeutic properties in osteochondral pathologies: what's new? <i>Expert Opin Ther Pat.</i> 2016 Aug;26(8):877-90. doi: 10.1080/13543776.2016.1203903. Epub 2016 Jul 8. Review. PubMed PMID: 27337937. (IF: 3.041)	85	257
Sanchez-Moreno P, Ortega-Vinuesa JL, Peula-García JM, Marchal JA, Boulaiz H. Smart Drug-Delivery Systems for Cancer Nanotherapy. <i>Curr Drug Targets.</i> 2018 Feb 19;19(4):339-359. doi: 10.2174/1389450117666160527142544. PubMed PMID: 27231107. (IF: 3.112)	88	261
Sánchez-Moreno P, Ortega-Vinuesa JL, Boulaiz H, Marchal JA, Peula-García JM. Data supporting the physico-chemical characterization, cellular uptake and cytotoxicity of lipid nanocapsules. <i>Data Brief.</i> 2015 Jun 17;4:279-84. doi:10.1016/j.dib.2015.06.002. eCollection 2015 Sep. PubMed PMID: 26217803; PubMed Central PMCID: PMC4510545.	--	--
Sánchez-Moreno P, Buzón P, Boulaiz H, Peula-García JM, Ortega-Vinuesa JL, Luque I, Salvati A, Marchal JA. Balancing the effect of corona on therapeutic efficacy and macrophage uptake of lipid nanocapsules. <i>Biomaterials.</i> 2015 Aug;61:266-78. doi: 10.1016/j.biomaterials.2015.04.049. Epub 2015 May 13. PubMed PMID: 26005765. (IF: 8.387)	2	76
Ramírez A, Boulaiz H, Morata-Tarifa C, Perán M, Jiménez G, Picon-Ruiz M, Agil A, Cruz-López O, Conejo-García A, Campos JM, Sánchez A, García MA, Marchal JA. HER2-signaling pathway, JNK and ERKs kinases, and cancer stem-like cells are targets of Bozepinib small compound. <i>Oncotarget.</i> 2014 Jun 15;5(11):3590-606. PubMed PMID: 24946763; PubMed Central PMCID: PMC4116505. (IF: 6.359)	21	211
Sánchez-Moreno P, Ortega-Vinuesa JL, Boulaiz H, Marchal JA, Peula-García JM. Synthesis and characterization of lipid immuno-nanocapsules for directed drug delivery: selective antitumor activity against HER2 positive breast-cancer cells. <i>Biomacromolecules.</i> 2013 Dec 9;14(12):4248-59. doi: 10.1021/bm401103t. Epub 2013 Nov 4. PubMed PMID: 24134122. (IF: 5.788)	4	82
Asara Y, Marchal JA, Carrasco E, Boulaiz H, Solinas G, Bandiera P, Garcia MA, Farace C, Montella A, Madeddu R. Cadmium modifies the cell cycle and apoptotic profiles of human breast cancer cells treated with 5-fluorouracil. <i>Int J Mol Sci.</i> 2013 Aug 12;14(8):16600-16. doi: 10.3390/ijms140816600. PubMed PMID: 23941782; PubMed Central PMCID: PMC3759927. (IF: 2.339)	52	148
Boulaiz H, Aránega A, Cáceres B, Alvarez P, Serrano-Rodríguez F, Carrillo E, Melguizo C, Prados J. A novel double-enhanced suicide gene therapy in a colon cancer cell line mediated by gef and apoptin. <i>BioDrugs.</i> 2014 Feb;28(1):63-74. doi: 10.1007/s40259-013-0055-0. Erratum in: <i>BioDrugs.</i> 2014 Feb;28(1):121. (IF: 2.989)	80	255
Alvarez P, Carrillo E, Vélez C, Hita-Contreras F, Martínez-Amat A, Rodríguez-Serrano F, Boulaiz H, Ortiz R, Melguizo C, Prados J, Aránega A. Regulatory systems in bone marrow for hematopoietic stem/progenitor cells mobilization and homing. <i>Biomed Res Int.</i> 2013;2013:312656. doi: 10.1155/2013/312656. Epub 2013 Jun 17. Review. PubMed PMID: 23844360; PubMed Central PMCID: PMC3703413.	162	165

Ortiz R, Prados J, Melguizo C, Rama AR, Alvarez PJ, Rodríguez-Serrano F, Caba O, Boulaiz H, Aranega A. Gef gene therapy enhances the therapeutic efficacy of cytotoxics in colon cancer cells. <i>Biomed Pharmacother.</i> 2012 Oct;66(7):563-7. doi:10.1016/j.biopha.2012.05.004. Epub 2012 Jun 19. PubMed PMID: 22770988. 2.068	69	121
Sánchez-Moreno P, Boulaiz H, Ortega-Vinuesa JL, Peula-García JM, Aránega A. Novel drug delivery system based on docetaxel-loaded nanocapsules as a therapeutic strategy against breast cancer cells. <i>Int J Mol Sci.</i> 2012;13(4):4906-19. doi: 10.3390/ijms13044906. Epub 2012 Apr 19. PubMed PMID:22606019; PubMed Central PMCID: PMC3344255. (IF: 2.464)	48	152
Prados J, Alvarez PJ, Melguizo C, Rodriguez-Serrano F, Carrillo E, Boulaiz H, Vélez C, Marchal JA, Caba O, Ortiz R, Rama A, Aranega A. How is gene transfection able to improve current chemotherapy? The role of combined therapy in cancer treatment. <i>Curr Med Chem.</i> 2012;19(12):1870-88. Review. PubMed PMID: 22414080. (IF: 4.070)	41	261
Sánchez-Moreno P, Ortega-Vinuesa JL, Martín-Rodríguez A, Boulaiz H, Marchal-Corrales JA, Peula-García JM. Characterization of different functionalized lipidic nanocapsules as potential drug carriers. <i>Int J Mol Sci.</i> 2012;13(2):2405-24. doi: 10.3390/ijms13022405. Epub 2012 Feb 22. PubMed PMID:22408461; PubMed Central PMCID: PMC3292030. (IF: 2.464)	48	152
Álvarez P, Marchal JA, Boulaiz H, Carrillo E, Vélez C, Rodríguez-Serrano F, Melguizo C, Prados J, Madeddu R, Aranega A. 5-Fluorouracil derivatives: a patent review. <i>Expert Opin Ther Pat.</i> 2012 Feb;22(2):107-23. doi:10.1517/13543776.2012.661413. Epub 2012 Feb 14. Review. PubMed PMID: 22329541. (IF:2.867)	56	261
Marchal JA, Picón M, Perán M, Bueno C, Jiménez-Navarro M, Carrillo E, BoulaizH, Rodríguez N, Álvarez P, Menendez P, de Teresa E, Aránega A. Purification and long-term expansion of multipotent endothelial-like cells with potential cardiovascular regeneration. <i>Stem Cells Dev.</i> 2012 Mar 1;21(4):562-74. doi: 10.1089/scd.2011.0072. Epub 2011 Jun 17. PubMed PMID: 21542697 (IF:4.670)	20	121

JOSÉ ANTONIO GARCÍA SALCEDO

Publicación	Posición de revista en el área	Total revistas en el área
1: Angélica Luque-González M, Tabraue-Chávez M, López-Longarela B, María Sánchez-Martín R, Ortiz-González M, Soriano-Rodríguez M, Antonio García-Salcedo J, Pernagallo S, José Díaz-Mochón J. Identification of Trypanosomatids by detecting Single Nucleotide Fingerprints using DNA analysis by dynamic chemistry with MALDI-ToF. <i>Talanta</i> . 2018 Jan 1;176:299-307. doi: 10.1016/j.talanta.2017.07.059. Epub 2017 Jul 21. PubMed PMID: 28917755.	4	64
2: Sánchez-Marañón M, Miralles I, Aguirre-Garrido JF, Anguita-Maeso M, Millán V, Ortega R, García-Salcedo JA, Martínez-Abarca F, Soriano M. Changes in the soil bacterial community along a pedogenic gradient. <i>Sci Rep</i> . 2017 Nov 6;7(1):14593. doi: 10.1038/s41598-017-15133-x. PubMed PMID: 29109410; PubMed Central PMCID: PMC5674076.	10	64
3: Marques J, Valle-Delgado JJ, Urbán P, Baró E, Prohens R, Mayor A, Cisteró P, Delves M, Sinden RE, Grandfils C, de Paz JL, García-Salcedo JA, Fernández-Busquets X. Adaptation of targeted nanocarriers to changing requirements in antimalarial drug delivery. <i>Nanomedicine</i> . 2017 Feb;13(2):515-525. doi: 10.1016/j.nano.2016.09.010. Epub 2016 Oct 5. PubMed PMID: 27720930; PubMed Central PMCID: PMC5332526.	20	92
4: Garcia-Salcedo JA, Unciti-Broceta JD, Valverde-Pozo J, Soriano M. New Approaches to Overcome Transport Related Drug Resistance in Trypanosomatid Parasites. <i>Front Pharmacol</i> . 2016 Sep 28;7:351. eCollection 2016. Review. PubMed PMID: 27733833; PubMed Central PMCID: PMC5039210.	33	257
5: Garcia-Salcedo JA, Unciti-Broceta JD, Soriano M. Could specific cell targeting overcome resistance associated with current treatments for African trypanosomiasis? <i>Nanomedicine (Lond)</i> . 2015;10(24):3515-7. PubMed PMID: 26652768.	21	160
6: Unciti-Broceta JD, Arias JL, Maceira J, Soriano M, Ortiz-González M, Hernández-Quero J, Muñoz-Torres M, de Koning HP, Magez S, Garcia-Salcedo JA. Specific Cell Targeting Therapy Bypasses Drug Resistance Mechanisms in African Trypanosomiasis. <i>PLoS Pathog</i> . 2015 Jun 25;11(6):e1004942. doi: 10.1371/journal.ppat.1004942. eCollection 2015 Jun. PubMed PMID: 26110623; PubMed Central PMCID: PMC4482409.	3	36
7: García-Fontana B, Morales-Santana S, Longobardo V, Reyes-García R, Rozas-Moreno P, García-Salcedo JA, Muñoz-Torres M. Relationship between Proinflammatory and Antioxidant Proteins with the Severity of Cardiovascular Disease in Type 2 Diabetes Mellitus. <i>Int J Mol Sci</i> . 2015 Apr 27;16(5):9469-83. doi: 10.3390/ijms16059469. PubMed PMID: 25923078; PubMed Central PMCID: PMC4463599.	110	289
8: Pineda de las Infantas y Villatoro MJ, Unciti-Broceta JD, Contreras-Montoya R, Garcia-Salcedo JA, Gallo Mezo MA, Unciti-Broceta A, Diaz-Mochon JJ. Amide-controlled, one-pot synthesis of tri-substituted purines generates structural diversity and analogues with trypanocidal activity. <i>Sci Rep</i> . 2015 Mar 16;5:9139. doi: 10.1038/srep09139. PubMed PMID: 25773920; PubMed	10	64

Central PMCID: PMC5390905.		
9: Arias JL, Unciti-Broceta JD, Maceira J, Del Castillo T, Hernández-Quero J, Magez S, Soriano M, García-Salcedo JA. Nanobody conjugated PLGA nanoparticles for active targeting of African Trypanosomiasis. J Control Release. 2015 Jan 10;197:190-8. doi: 10.1016/j.jconrel.2014.11.002. Epub 2014 Nov 10. PubMed PMID: 25445702.	10	257
10: del Castillo T, Marales-Sanfrutos J, Santoyo-González F, Magez S, Lopez-Jaramillo FJ, Garcia-Salcedo JA. Monovinyl sulfone β -cyclodextrin. A flexible drug carrier system. ChemMedChem. 2014 Feb;9(2):383-9. doi: 10.1002/cmdc.201300385. Epub 2013 Dec 13. PubMed PMID: 24339407.	83	255
11: Unciti-Broceta JD, Del Castillo T, Soriano M, Magez S, Garcia-Salcedo JA. Novel therapy based on camelid nanobodies. Ther Deliv. 2013 Oct;4(10):1321-36. doi: 10.4155/tde.13.87. Review. PubMed PMID: 24116915.		
12: García-Fontana B, Morales-Santana S, Varsavsky M, García-Martín A, García-Salcedo JA, Reyes-García R, Muñoz-Torres M. Sclerostin serum levels in prostate cancer patients and their relationship with sex steroids. Osteoporos Int. 2014 Feb;25(2):645-51. doi: 10.1007/s00198-013-2462-y. Epub 2013 Aug 1. PubMed PMID: 23903956.	30	124
13: Unciti-Broceta JD, Maceira J, Morales S, García-Pérez A, Muñoz-Torres ME, Garcia-Salcedo JA. Nicotinamide inhibits the lysosomal cathepsin b-like protease and kills African trypanosomes. J Biol Chem. 2013 Apr 12;288(15):10548-57. doi: 10.1074/jbc.M112.449207. Epub 2013 Feb 26. PubMed PMID: 23443665; PubMed PMCID: PMC3624436.	65	291
14: Morales-Santana S, García-Fontana B, García-Martín A, Rozas-Moreno P, García-Salcedo JA, Reyes-García R, Muñoz-Torres M. Atherosclerotic disease in type 2 diabetes is associated with an increase in sclerostin levels. Diabetes Care. 2013 Jun;36(6):1667-74. doi: 10.2337/dc12-1691. Epub 2013 Jan 3. PubMed PMID: 23288857; PubMed Central PMCID: PMC3661830.	5	124
15: Rozas Moreno P, Reyes García R, García-Martín A, Varsavsky M, García-Salcedo JA, Muñoz-Torres M. Serum osteoprotegerin: bone or cardiovascular marker in Type 2 diabetes males? J Endocrinol Invest. 2013 Jan;36(1):16-20. doi: 10.3275/8285. Epub 2012 Feb 28. PubMed PMID: 22391059.	97	124

JUAN CARLOS RODRÍGUEZ-MANZANEQUE ESCRIBANO

Publicación	Posición de revista en el área	Total revistas en el área
1: Prieto C, López-Millán B, Roca-Ho H, Stam RW, Romero-Moya D, Rodríguez-Baena FJ, Sanjuan-Pla A, Ayllón V, Ramírez M, Bardini M, De Lorenzo P, Valsecchi MG, Stanulla M, Iglesias M, Ballerini P, Carcaboso ÁM, Mora J, Locatelli F, Bertaina A, Padilla L, Carlos Rodríguez-Manzaneque J, Bueno C, Menéndez P. NG2 antigen is involved in leukemia invasiveness and central nervous system infiltration in MLL-rearranged infant B-ALL. <i>Leukemia</i> . 2018 Mar;32(3):633-644. doi: 10.1038/leu.2017.294. Epub 2017 Sep 25. PubMed PMID: 28943635; PubMed Central PMCID: PMC5843903.	11	217
2: Rodríguez-Baena FJ, Redondo-García S, Plaza-Calonge MDC, Fernández-Rodríguez R, Rodríguez-Manzaneque JC. Evaluation of Tumor Vasculature Using a Syngeneic Tumor Model in Wild-Type and Genetically Modified Mice. <i>Methods Mol Biol</i> . 2018;1731:179-192. doi: 10.1007/978-1-4939-7595-2_17. PubMed PMID: 29318554.		
3: Fernández-Rodríguez R, Rodríguez-Baena FJ, Martino-Echarri E, Peris-Torres C, Del Carmen Plaza-Calonge M, Rodríguez-Manzaneque JC. Stroma-derived but not tumor ADAMTS1 is a main driver of tumor growth and metastasis. <i>Oncotarget</i> . 2016 Jun 7;7(23):34507-19. doi: 10.18632/oncotarget.8922. PubMed PMID: 27120788; PubMed Central PMCID: PMC5085172.	44	217
4: Santos-Oliveira P, Correia A, Rodrigues T, Ribeiro-Rodrigues TM, Matafome P, Rodríguez-Manzaneque JC, Seïça R, Girão H, Travasso RD. The Force at the Tip--Modelling Tension and Proliferation in Sprouting Angiogenesis. <i>PLoS Comput Biol</i> . 2015 Aug 6;11(8):e1004436. doi: 10.1371/journal.pcbi.1004436. eCollection 2015 Aug. Erratum in: <i>PLoS Comput Biol</i> . 2015 Nov;11(11):e1004616. PubMed PMID: 26248210; PubMed Central PMCID: PMC4527825.	4	57
5: Rodríguez-Manzaneque JC, Fernández-Rodríguez R, Rodríguez-Baena FJ, Iruela-Arispe ML. ADAMTS proteases in vascular biology. <i>Matrix Biol</i> . 2015 May-Jul;44-46:38-45. doi: 10.1016/j.matbio.2015.02.004. Epub 2015 Feb 17. Review. PubMed PMID: 25698314.	27	290
6: Barrientos-Durán A, Carpenter EM, Zur Nieden NI, Malinin TI, Rodríguez-Manzaneque JC, Zanello LP. Carboxyl-modified single-wall carbon nanotubes improve bone tissue formation in vitro and repair in an in vivo rat model. <i>Int J Nanomedicine</i> . 2014 Sep 9;9:4277-91. doi: 10.2147/IJN.S62538. eCollection 2014. PubMed PMID: 25246785; PubMed Central PMCID: PMC4166308.	37	257
7: Martino-Echarri E, Fernández-Rodríguez R, Bech-Serra JJ, Plaza-Calonge Mdel C, Vidal N, Casal C, Colomé N, Seoane J, Canals F, Rodríguez-Manzaneque JC. Relevance of IGFBP2 proteolysis in glioma and contribution of the extracellular protease ADAMTS1. <i>Oncotarget</i> . 2014 Jun 30;5(12):4295-304. PubMed PMID: 24962328; PubMed Central PMCID: PMC4147324.	44	217
8: Rodríguez MI, Peralta-Leal A, O'Valle F, Rodríguez-Vargas JM, Gonzalez-Flores A, Majuelos-Melguizo J, López L, Serrano S, de Herreros AG, Rodríguez-Manzaneque JC, Fernández R, Del Moral RG, de Almodóvar JM, Oliver FJ. PARP-1 regulates metastatic melanoma through modulation of vimentin-	16	167

induced malignant transformation. PLoS Genet. 2013 Jun;9(6):e1003531. doi: 10.1371/journal.pgen.1003531. Epub 2013 Jun 13. PubMed PMID: 23785295; PubMed Central PMCID: PMC3681683.		
9: Martino-Echarri E, Fernández-Rodríguez R, Rodríguez-Baena FJ, Barrientos-Durán A, Torres-Collado AX, Plaza-Calonge Mdel C, Amador-Cubero S, Cortés J, Reynolds LE, Hodivala-Dilke KM, Rodríguez-Manzanaque JC. Contribution of ADAMTS1 as a tumor suppressor gene in human breast carcinoma. Linking its tumor inhibitory properties to its proteolytic activity on nidogen-1 and nidogen-2. Int J Cancer. 2013 Nov 15;133(10):2315-24. doi: 10.1002/ijc.28271. Epub 2013 Jun 13. PubMed PMID: 23681936.	24	217
10: Bueno C, Montes R, Melen GJ, Ramos-Mejia V, Real PJ, Ayllón V, Sanchez L, Ligerio G, Gutierrez-Aranda I, Fernández AF, Fraga MF, Moreno-Gimeno I, Burks D, Plaza-Calonge Mdel C, Rodríguez-Manzanaque JC, Menendez P. A human ESC model for MLL-AF4 leukemic fusion gene reveals an impaired early hematopoietic-endothelial specification. Cell Res. 2012 Jun;22(6):986-1002. doi: 10.1038/cr.2012.4. Epub 2012 Jan 3. PubMed PMID: 22212479; PubMed Central PMCID: PMC3367544.	9	190

JUAN JOSÉ DÍAZ MOCHÓN

Publicación	Posición de revista en el área	Total revistas en el área
Luque-González MA, Tabraue-Chávez M, López-Longarela B., Sánchez-Martín R.M., Ortiz-González M., Soriano-Rodríguez M., García-Salcedo, Pernagallo S, Díaz-Mochón JJ. Identification of Trypanosomatids by detecting Single Nucleotide Fingerprints using DNA analysis by dynamic chemistry with MALDI-ToF. Talanta. 2018 Jan 1; 176: 299-307. doi: doi.org/10.1016/j.talanta.2017.07.059.	9	76
Delgado-Gonzalez A, Garcia-Fernandez E, Valero T, Cano-Cortes MV, Ruedas-Rama, MJ Ruedas-Rama MJ, Unciti-Broceta A, Sanchez-Martin RM, Diaz-Mochon JJ, Orte A. Metallofluorescent Nanoparticles for Multimodal Applications. ACS Omega. 2018 Jan 5; 3 (1):144–153. doi: 10.1021/acsomega.7b01984	NA	NA
Rissin DM, López-Longarela B, Pernagallo S, Ilyine H, Vliegenthart ADB, Dear JW, Díaz-Mochón JJ, Duffy DC. Polymerase-free measurement of microRNA-122 with single base specificity using single molecule arrays: Detection of drug-induced liver injury. PLoS One. 2017 Jul 5;12(7):e0179669. doi:10.1371/journal.pone.0179669. eCollection 2017. PubMed PMID: 28678845; PubMed Central PMCID: PMC5497960.	15	64
Altea-Manzano P, Unciti-Broceta JD, Cano-Cortes V, Ruiz-Blas MP, Valero-Griñan T, Diaz-Mochon JJ, Sanchez-Martin R. Tracking cell proliferation using a nanotechnology-based approach. Nanomedicine (Lond). 2017 Jul;12(13):1591-1605. doi: 10.2217/nnm-2017-0118. Epub 2017 May 17. PubMed PMID: 28513331.	22	160

López-Ruiz E, Venkateswaran S, Perán M, Jiménez G, Pernagallo S, Díaz-Mochón JJ, Tura-Ceide O, Arrebola F, Melchor J, Soto J, Rus G, Real PJ, Diaz-Ricart M, Conde-González A, Bradley M, Marchal JA. Poly(ethylmethacrylate-co-diethylaminoethyl acrylate) coating improves endothelial re-population, bio-mechanical and anti-thrombogenic properties of decellularized carotid arteries for blood vessel replacement. <i>Sci Rep.</i> 2017 Mar 24;7(1):407. doi: 10.1038/s41598-017-00294-6. PubMed PMID: 28341826; PubMed Central PMCID: PMC5412652.	12	64
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Messina L, Gavira JA, Pernagallo S, Unciti-Broceta JD, Sanchez Martin RM, Diaz-Mochon JJ, Vaccaro S, Conejero-Muriel M, Pineda-Molina E, Caruso S, Musumecil, Di Pasquale R, Pontillo A, Sincinelli F, Pavan M, Secchieri C. Identification and characterization of a bacterial hyaluronidase and its production in recombinant form. <i>FEBS Lett.</i> 2016 Jul;590(14):2180-9. doi:10.1002/1873-3468.12258. Epub 2016 Jul 4. PubMed PMID: 27311405.	93	290
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7: Jiménez G, Hackenberg M, Catalina P, Boulaiz H, Griñán-Lisón C, García MÁ, Perán M, López-Ruiz E, Ramírez A, Morata-Tarifa C, Carrasco E, Aguilera M, Marchal JA. Mesenchymal stem cell's secretome promotes selective enrichment of cancer stem-like cells with specific cytogenetic profile. <i>Cancer Lett.</i> 2018 Aug 10;429:78-88. doi: 10.1016/j.canlet.2018.04.042. Epub 2018 May 5. PubMed PMID: 29733965.	28	222
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53: Marchal JA, Picón M, Perán M, Bueno C, Jiménez-Navarro M, Carrillo E, Boulaiz H, Rodríguez N, Álvarez P, Menendez P, de Teresa E, Aránega A. Purification and long-term expansion of multipotent endothelial-like cells with potential cardiovascular regeneration. <i>Stem Cells Dev.</i> 2012 Mar 1;21(4):562-74. doi: 10.1089/scd.2011.0072. Epub 2011 Jun 17. PubMed PMID: 21542697.	3	17
54: López-Ruiz E, Perán M, Cobo-Molinos J, Jiménez G, Picón M, Bustamante M, Arrebola F, Hernández-Lamas MC, Delgado-Martínez AD, Montañez E, Marchal JA. Chondrocytes extract from patients with osteoarthritis induces chondrogenesis in infrapatellar fat pad-derived stem cells. <i>Osteoarthritis Cartilage.</i> 2013 Jan;21(1):246-58. doi: 10.1016/j.joca.2012.10.007. Epub 2012 Oct 18. PubMed PMID: 23085560.	2	67
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58: Caba O, Rodríguez-Serrano F, Díaz-Gavilán M, Conejo-García A, Ortiz R, Martínez-Amat A, Alvarez P, Gallo MA, Campos JM, Marchal JA, Aránega A. The selective cytotoxic activity in breast cancer cells by an anthranilic alcohol-derived acyclic 5-fluorouracil O,N-acetal is mediated by endoplasmic reticulum stress-induced apoptosis. <i>Eur J Med Chem.</i> 2012 Apr;50:376-82. doi: 10.1016/j.ejmech.2012.02.017. Epub 2012 Feb 17. PubMed PMID: 22373735.	13	59

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Publicaciones (Año 2012- hasta hoy):	Publicación	Posición de revista en el área	Total revistas en el área
	López-Ruiz E, Jiménez G, Kwiatkowski W, Montañez E, Arrebola F, Carrillo E,Choe S, Marchal JA, Perán M. Impact of TGF-β family-related growth factors onchondrogenic differentiation of adipose-derived stem cells isolated from lipoaspirates and infrapatellar fat pads of osteoarthritic patients. Eur Cell Mater. 2018 Apr 13;35:209-224. doi: 10.22203/eCM.v035a15. PubMed PMID: 29652075;	14	78
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	Jiménez G, López-Ruiz E, Kwiatkowski W, Montañez E, Arrebola F, Carrillo E,Gray PC, Izpisua Belmonte JC, Choe S, Perán M, Marchal JA. Activin A/BMP2 chimeraAB235 drives efficient redifferentiation of long term cultured autologous chondrocytes. Sci Rep. 2015 Nov 13;5:16400. doi: 10.1038/srep16400. PubMed PMID: 26563344; PubMed Central PMCID: PMC4643338.	7	63
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Alvarez P, Carrillo E, Vélez C, Hita-Contreras F, Martínez-Amat A,Rodríguez-Serrano F, Boulaiz H, Ortiz R, Melguizo C, Prados J, Aránega A. Regulatory systems in bone marrow for hematopoietic stem/progenitor cells mobilization and homing. Biomed Res Int. 2013;2013:312656. doi:10.1155/2013/312656. Epub 2013 Jun 17. Review. PubMed PMID: 23844360; PubMed Central PMCID: PMC3703413.	162	165
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Marchal JA, Picón M, Perán M, Bueno C, Jiménez-Navarro M, Carrillo E, BoulaizH, Rodríguez N, Álvarez P, Menendez P, de Teresa E, Aránega A. Purification and long-term expansion of multipotent endothelial-like cells with potential cardiovascular regeneration. Stem Cells Dev. 2012 Mar 1;21(4):562-74. doi: 10.1089/scd.2011.0072. Epub 2011 Jun 17. PubMed PMID: 21542697	3	17