

Manuela Igartua

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/5477432/manuela-igartua-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.

72
papers

2,145
citations

26
h-index

45
g-index

73
ext. papers

2,545
ext. citations

6.9
avg, IF

5.02
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 72 | Human Hair Follicle-Derived Mesenchymal Stromal Cells from the Lower Dermal Sheath as a Competitive Alternative for Immunomodulation.. <i>Biomedicines</i> , 2022 , 10, | 4.8 | 1 |
| 71 | Bioactive and degradable hydrogel based on human platelet-rich plasma fibrin matrix combined with oxidized alginate in a diabetic mice wound healing model.. <i>Materials Science and Engineering C</i> , 2022 , 112695 | 8.3 | 1 |
| 70 | Mesenchymal stromal cells encapsulated in licensing hydrogels exert delocalized systemic protection against ulcerative colitis via subcutaneous xenotransplantation.. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2022 , 172, 31-31 | 5.7 | 0 |
| 69 | Dual effect of TAT functionalized DHAH lipid nanoparticles with neurotrophic factors in human BBB and microglia cultures.. <i>Fluids and Barriers of the CNS</i> , 2022 , 19, 22 | 7 | 0 |
| 68 | Cell-based dressings: A journey through chronic wound management 2022 , 212738 | | 1 |
| 67 | Green hemostatic sponge-like scaffold composed of soy protein and chitin for the treatment of epistaxis.. <i>Materials Today Bio</i> , 2022 , 15, 100273 | 9.9 | |
| 66 | Mesenchymal Stromal Cell Secretome for the Treatment of Immune-Mediated Inflammatory Diseases: Latest Trends in Isolation, Content Optimization and Delivery Avenues. <i>Pharmaceutics</i> , 2021 , 13, | 6.4 | 4 |
| 65 | 3D Bioprinting of Functional Skin Substitutes: From Current Achievements to Future Goals. <i>Pharmaceutics</i> , 2021 , 14, | 5.2 | 11 |
| 64 | Characterization of Bio-Inspired Electro-Conductive Soy Protein Films. <i>Polymers</i> , 2021 , 13, | 4.5 | 2 |
| 63 | Latest advances to enhance the therapeutic potential of mesenchymal stromal cells for the treatment of immune-mediated diseases. <i>Drug Delivery and Translational Research</i> , 2021 , 11, 498-514 | 6.2 | 1 |
| 62 | GSE4-loaded nanoparticles a potential therapy for lung fibrosis that enhances pneumocyte growth, reduces apoptosis and DNA damage. <i>FASEB Journal</i> , 2021 , 35, e21422 | 0.9 | 4 |
| 61 | Overcoming the Inflammatory Stage of Non-Healing Wounds: In Vitro Mechanism of Action of Negatively Charged Microspheres (NCMs). <i>Nanomaterials</i> , 2020 , 10, | 5.4 | 8 |
| 60 | Structure-properties relationship of chitosan/collagen films with potential for biomedical applications. <i>Carbohydrate Polymers</i> , 2020 , 237, 116159 | 10.3 | 37 |
| 59 | Soy protein and chitin sponge-like scaffolds: from natural by-products to cell delivery systems for biomedical applications. <i>Green Chemistry</i> , 2020 , 22, 3445-3460 | 10 | 13 |
| 58 | Mesenchymal stromal cell based therapies for the treatment of immune disorders: recent milestones and future challenges. <i>Expert Opinion on Drug Delivery</i> , 2020 , 17, 189-200 | 8 | 12 |
| 57 | Nanostructured Lipid Carriers Made of Ω Polyunsaturated Fatty Acids: In Vitro Evaluation of Emerging Nanocarriers to Treat Neurodegenerative Diseases. <i>Pharmaceutics</i> , 2020 , 12, | 6.4 | 4 |
| 56 | Multifunctional biomimetic hydrogel systems to boost the immunomodulatory potential of mesenchymal stromal cells. <i>Biomaterials</i> , 2020 , 257, 120266 | 15.6 | 21 |

| | | | |
|----|---|------|----|
| 55 | 3D encapsulation and inflammatory licensing of mesenchymal stromal cells alter the expression of common reference genes used in real-time RT-qPCR. <i>Biomaterials Science</i> , 2020 , 8, 6741-6753 | 7.4 | 3 |
| 54 | Chronic wounds: Current status, available strategies and emerging therapeutic solutions. <i>Journal of Controlled Release</i> , 2020 , 328, 532-550 | 11.7 | 43 |
| 53 | GSE4 peptide suppresses oxidative and telomere deficiencies in ataxia telangiectasia patient cells. <i>Cell Death and Differentiation</i> , 2019 , 26, 1998-2014 | 12.7 | 13 |
| 52 | Safety and effectiveness of sodium colistimethate-loaded nanostructured lipid carriers (SCM-NLC) against <i>P. aeruginosa</i> : in vitro and in vivo studies following pulmonary and intramuscular administration. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019 , 18, 101-111 | 6 | 15 |
| 51 | Extracellular matrix protein microarray-based biosensor with single cell resolution: Integrin profiling and characterization of cell-biomaterial interactions. <i>Sensors and Actuators B: Chemical</i> , 2019 , 299, 126954 | 8.5 | 12 |
| 50 | Development of Bioinspired Gelatin and Gelatin/Chitosan Bilayer Hydrofilms for Wound Healing. <i>Pharmaceutics</i> , 2019 , 11, | 6.4 | 21 |
| 49 | Composite nanofibrous membranes of PLGA/Aloe vera containing lipid nanoparticles for wound dressing applications. <i>International Journal of Pharmaceutics</i> , 2019 , 556, 320-329 | 6.5 | 36 |
| 48 | Beneficial effects of n-3 polyunsaturated fatty acids administration in a partial lesion model of Parkinson's disease: The role of glia and NRF2 regulation. <i>Neurobiology of Disease</i> , 2019 , 121, 252-262 | 7.5 | 47 |
| 47 | Preparation and Characterization of Resveratrol Loaded Pectin/Alginate Blend Gastro-Resistant Microparticles. <i>Molecules</i> , 2018 , 23, | 4.8 | 10 |
| 46 | Intranasal Administration of TAT-Conjugated Lipid Nanocarriers Loading GDNF for Parkinson's Disease. <i>Molecular Neurobiology</i> , 2018 , 55, 145-155 | 6.2 | 65 |
| 45 | The Role of Lipid Nanoparticles and its Surface Modification in Reaching the Brain: An Approach for Neurodegenerative Diseases Treatment. <i>Current Drug Delivery</i> , 2018 , 15, 1218-1220 | 3.2 | 1 |
| 44 | Nanotechnology-based delivery systems to release growth factors and other endogenous molecules for chronic wound healing. <i>Journal of Drug Delivery Science and Technology</i> , 2017 , 42, 2-17 | 4.5 | 19 |
| 43 | Ultra thin hydro-films based on lactose-crosslinked fish gelatin for wound healing applications. <i>International Journal of Pharmaceutics</i> , 2017 , 530, 455-467 | 6.5 | 26 |
| 42 | The role of osmolarity adjusting agents in the regulation of encapsulated cell behavior to provide a safer and more predictable delivery of therapeutics. <i>Drug Delivery</i> , 2017 , 24, 1654-1666 | 7 | 11 |
| 41 | Novel nanofibrous dressings containing rhEGF and Aloe vera for wound healing applications. <i>International Journal of Pharmaceutics</i> , 2017 , 523, 556-566 | 6.5 | 99 |
| 40 | Nanotechnology Based Approaches for Neurodegenerative Disorders: Diagnosis and Treatment 2017 , 57-87 | | 2 |
| 39 | Nanotechnology approaches for skin wound regeneration using drug-delivery systems 2016 , 31-55 | | 7 |
| 38 | Nanoparticle transport across in vitro olfactory cell monolayers. <i>International Journal of Pharmaceutics</i> , 2016 , 499, 81-89 | 6.5 | 59 |

| | | | |
|----|---|------|-----|
| 37 | Nanotechnology-based drug-delivery systems releasing growth factors to the CNS 2016 , 371-402 | | 2 |
| 36 | Advances in nanomedicine for the treatment of Alzheimer's and Parkinson's diseases. <i>Nanomedicine</i> , 2016 , 11, 1267-85 | 5.6 | 25 |
| 35 | LL37 loaded nanostructured lipid carriers (NLC): A new strategy for the topical treatment of chronic wounds. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016 , 108, 310-316 | 5.7 | 59 |
| 34 | Development of surface modified biodegradable polymeric nanoparticles to deliver GSE24.2 peptide to cells: a promising approach for the treatment of defective telomerase disorders. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015 , 91, 91-102 | 5.7 | 22 |
| 33 | Chitosan coated nanostructured lipid carriers for brain delivery of proteins by intranasal administration. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 134, 304-13 | 6 | 99 |
| 32 | Advances in drug delivery systems (DDSs) to release growth factors for wound healing and skin regeneration. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015 , 11, 1551-73 | 6 | 160 |
| 31 | Design and evaluation of surface and adjuvant modified PLGA microspheres for uptake by dendritic cells to improve vaccine responses. <i>International Journal of Pharmaceutics</i> , 2015 , 496, 371-81 | 6.5 | 22 |
| 30 | The topical administration of rhEGF-loaded nanostructured lipid carriers (rhEGF-NLC) improves healing in a porcine full-thickness excisional wound model. <i>Journal of Controlled Release</i> , 2015 , 197, 41-7 ^{11.7} | | 77 |
| 29 | Optoacoustic imaging enabled biodistribution study of cationic polymeric biodegradable nanoparticles. <i>Contrast Media and Molecular Imaging</i> , 2015 , 10, 421-7 | 3.2 | 6 |
| 28 | Development and validation of a bioanalytical method for the simultaneous determination of heroin, its main metabolites, naloxone and naltrexone by LC-MS/MS in human plasma samples: Application to a clinical trial of oral administration of a heroin/naloxone formulation. <i>Journal of Pharmaceutical Biomedical Analysis</i> , 2015 , 111, 105-13 | 3.5 | 12 |
| 27 | Development and validation of a rapid HPLC method for the quantification of GSE4 peptide in biodegradable PEI-PLGA nanoparticles. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014 , 972, 95-101 | 3.2 | 4 |
| 26 | A novel strategy for the treatment of chronic wounds based on the topical administration of rhEGF-loaded lipid nanoparticles: In vitro bioactivity and in vivo effectiveness in healing-impaired db/db mice. <i>Journal of Controlled Release</i> , 2014 , 185, 51-61 | 11.7 | 113 |
| 25 | Multifunctional hydrogel-based scaffold for improving the functionality of encapsulated therapeutic cells and reducing inflammatory response. <i>Acta Biomaterialia</i> , 2014 , 10, 4206-16 | 10.8 | 25 |
| 24 | Designing improved poly lactic-co-glycolic acid microspheres for a malarial vaccine: incorporation of alginate and polyinosinic-polycytidilic acid. <i>Journal of Microencapsulation</i> , 2014 , 31, 560-6 | 3.4 | 6 |
| 23 | Increased antiparkinson efficacy of the combined administration of VEGF- and GDNF-loaded nanospheres in a partial lesion model of Parkinson's disease. <i>International Journal of Nanomedicine</i> , 2014 , 9, 2677-87 | 7.3 | 35 |
| 22 | VEGF-releasing biodegradable nanospheres administered by craniotomy: a novel therapeutic approach in the APP/Ps1 mouse model of Alzheimer's disease. <i>Journal of Controlled Release</i> , 2013 , 170, 111-9 | 11.7 | 45 |
| 21 | rhEGF-loaded PLGA-Alginate microspheres enhance the healing of full-thickness excisional wounds in diabetised Wistar rats. <i>European Journal of Pharmaceutical Sciences</i> , 2013 , 50, 243-52 | 5.1 | 54 |
| 20 | In vivo administration of VEGF- and GDNF-releasing biodegradable polymeric microspheres in a severe lesion model of Parkinson's disease. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013 , 85, 1183-90 | 5.7 | 46 |

| | | | |
|----|---|------|-----|
| 19 | Malaria vaccine adjuvants: latest update and challenges in preclinical and clinical research. <i>BioMed Research International</i> , 2013 , 2013, 282913 | 3 | 31 |
| 18 | Plasmodium falciparum malaria vaccines: current status, pitfalls and future directions. <i>Expert Review of Vaccines</i> , 2012 , 11, 1071-86 | 5.2 | 10 |
| 17 | Combination of immune stimulating adjuvants with poly(lactide-co-glycolide) microspheres enhances the immune response of vaccines. <i>Vaccine</i> , 2012 , 30, 589-96 | 4.1 | 35 |
| 16 | Nanoparticle delivery systems for cancer therapy: advances in clinical and preclinical research. <i>Clinical and Translational Oncology</i> , 2012 , 14, 83-93 | 3.6 | 209 |
| 15 | Enhancing immunogenicity to PLGA microparticulate systems by incorporation of alginate and RGD-modified alginate. <i>European Journal of Pharmaceutical Sciences</i> , 2011 , 44, 32-40 | 5.1 | 44 |
| 14 | Design of a composite drug delivery system to prolong functionality of cell-based scaffolds. <i>International Journal of Pharmaceutics</i> , 2011 , 407, 142-50 | 6.5 | 30 |
| 13 | An overview on the field of micro- and nanotechnologies for synthetic Peptide-based vaccines. <i>Journal of Drug Delivery</i> , 2011 , 2011, 181646 | 2.3 | 40 |
| 12 | Topical resiquimod: a promising adjuvant for vaccine development?. <i>Expert Review of Vaccines</i> , 2010 , 9, 23-7 | 5.2 | 13 |
| 11 | Comparison of the adjuvanticity of two different delivery systems on the induction of humoral and cellular responses to synthetic peptides. <i>Drug Delivery</i> , 2010 , 17, 490-9 | 7 | 15 |
| 10 | In vivo evaluation of two new sustained release formulations elaborated by one-step melt granulation: level A in vitro-in vivo correlation. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2010 , 75, 232-7 | 5.7 | 16 |
| 9 | Gamma-irradiation effects on biopharmaceutical properties of PLGA microspheres loaded with SPf66 synthetic vaccine. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008 , 69, 519-26 | 5.7 | 35 |
| 8 | Solid Lipid and Polymeric Nanoparticles for Drug Delivery 2007 , | | 1 |
| 7 | Preparation of sustained release hydrophilic matrices by melt granulation in a high-shear mixer. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2005 , 8, 132-40 | 3.4 | 17 |
| 6 | Enhancing immunogenicity and reducing dose of microparticulated synthetic vaccines: single intradermal administration. <i>Pharmaceutical Research</i> , 2004 , 21, 121-6 | 4.5 | 24 |
| 5 | Controversies over stem cell research. <i>Trends in Biotechnology</i> , 2003 , 21, 109-12 | 15.1 | 12 |
| 4 | A glimmer of hope for diabetics?. <i>Trends in Biotechnology</i> , 2003 , 21, 289-90 | 15.1 | 2 |
| 3 | Cell microencapsulation technology for biomedical purposes: novel insights and challenges. <i>Trends in Pharmacological Sciences</i> , 2003 , 24, 207-10 | 13.2 | 114 |
| 2 | Encapsulated cell technology: from research to market. <i>Trends in Biotechnology</i> , 2002 , 20, 382-7 | 15.1 | 51 |

- 1 Determination of salbutamol enantiomers by high-performance capillary electrophoresis and its application to dissolution assays. *Journal of Pharmaceutical and Biomedical Analysis*, **1997**, 16, 357-66 3.5 24