# Jonathan O Martinez

List of Publications by Year
in descending order



| 35 | 2,837 | 236925 | 361022 |
|---|---|---|---|
| papers | citations | 25 h-index | 35 g-index |

| 37 | 37 | 37 | 4528 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Mesenchymal Stromal Cellâ€Mediated Treatment of Local and Systemic Inflammation through the Triggering of an Antiâ€Inflammatory Response. Advanced Functional Materials, 2021, 31, 2002997. | 14.9 | 9 |
| 2 | Lysyl oxidase engineered lipid nanovesicles for the treatment of triple negative breast cancer. Scientific Reports, 2021, 11, 5107. | 3.3 | 37 |
| 3 | LDL-Based Lipid Nanoparticle Derived for Blood Plasma Accumulates Preferentially in Atherosclerotic Plaque. Frontiers in Bioengineering and Biotechnology, 2021, 9, 794676. | 4.1 | 3 |
| 4 | Rapamycin-Loaded Biomimetic Nanoparticles Reverse Vascular Inflammation. Circulation Research, 2020, 126, 25-37. | 4.5 | 106 |
| 5 | Biomimetic cellular vectors for enhancing drug delivery to the lungs. Scientific Reports, 2020, 10, 172. | 3.3 | 16 |
| 6 | Leukocyte-mimicking nanovesicles for effective doxorubicin delivery to treat breast cancer and melanoma. Biomaterials Science, 2020, 8, 333-341. | 5.4 | 59 |
| 7 | Phosphoprotein-based biomarkers as predictors for cancer therapy. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 18401-18411. | 7.1 | 25 |
| 8 | Bioinspired Extracellular Vesicles: Lessons Learned From Nature for Biomedicine and Bioengineering. Nanomaterials, 2020, 10, 2172. | 4.1 | 17 |
| 9 | Macrophage-derived nanovesicles exert intrinsic anti-inflammatory properties and prolong survival in sepsis through a direct interaction with macrophages. Nanoscale, 2019, 11, 13576-13586. | 5.6 | 51 |
| 10 | Design and Development of Biomimetic Nanovesicles Using a Microfluidic Approach. Advanced Materials, 2018, 30, e1702749. | 21.0 | 100 |
| 11 | Biomimetic nanoparticles with enhanced affinity towards activated endothelium as versatile tools for theranostic drug delivery. Theranostics, 2018, 8, 1131-1145. | 10.0 | 89 |
| 12 | Trends towards Biomimicry in Theranostics. Nanomaterials, 2018, 8, 637. | 4.1 | 14 |
| 13 | Bio-inspired engineering of cell- and virus-like nanoparticles for drug delivery. Biomaterials, 2017, 147, 155-168. | 11.4 | 199 |
| 14 | Hyaluronic acid coatings as a simple and efficient approach to improve MSC homing toward the site of inflammation. Scientific Reports, 2017, 7, 7991. | 3.3 | 64 |
| 15 | Chlorin e6 Functionalized Theranostic Multistage Nanovectors Transported by Stem Cells for Effective Photodynamic Therapy. ACS Applied Materials & Interfaces, 2017, 9, 23441-23449. | 8.0 | 51 |
| 16 | Biomimetic Concealing of PLGA Microspheres in a 3D Scaffold to Prevent Macrophage Uptake. Small, 2016, 12, 1479-1488. | 10.0 | 23 |
| 17 | The Emerging Role of Nanotechnology in Cell and Organ Transplantation. Transplantation, 2016, 100, 1629-1638. | 1.0 | 33 |
| 18 | Cell source determines the immunological impact of biomimetic nanoparticles. Biomaterials, 2016, 82, 168-177. | 11.4 | 50 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Case Study: Application of LeukoLike Technology to Camouflage Nanoparticles from the Immune Recognition. Frontiers in Nanobiomedical Research, 2016, , 43-68. | 0.1 | 0 |
| 20 | Biodegradable Nanoneedles for Localized Delivery of Nanoparticles in Vivo: Exploring the Biointerface. ACS Nano, 2015, 9, 5500-5509. | 14.6 | 171 |
| 21 | Physicochemical properties affect the synthesis, controlled delivery, degradation and pharmacokinetics of inorganic nanoporous materials. Nanomedicine, 2015, 10, 3057-3075. | 3.3 | 24 |
| 22 | Multistage vector delivery of sulindac and silymarin for prevention of colon cancer. Colloids and Surfaces B: Biointerfaces, 2015, 136, 694-703. | 5.0 | 39 |
| 23 | Multistage Nanovectors Enhance the Delivery of Free and Encapsulated Drugs. Current Drug Targets, 2015, 16, 1582-1590. | 2.1 | 28 |
| 24 | Degradation and biocompatibility of multistage nanovectors in physiological systems. Journal of Biomedical Materials Research - Part A, 2014, 102, 3540-3549. | 4.0 | 32 |
| 25 | Multiscale Patterning of a Biomimetic Scaffold Integrated with Composite Microspheres. Small, 2014, 10, 3943-3953. | 10.0 | 41 |
| 26 | The effect of multistage nanovector targeting of VEGFR2 positive tumor endothelia on cell adhesion and local payload accumulation. Biomaterials, 2014, 35, 9824-9832. | 11.4 | 29 |
| 27 | Bromelain Surface Modification Increases the Diffusion of Silica Nanoparticles in the Tumor Extracellular Matrix. ACS Nano, 2014, 8, 9874-9883. | 14.6 | 152 |
| 28 | Engineering multi-stage nanovectors for controlled degradation andÂtunable release kinetics. Biomaterials, 2013, 34, 8469-8477. | 11.4 | 62 |
| 29 | Synthetic nanoparticles functionalized with biomimetic leukocyte membranes possess cell-like functions. Nature Nanotechnology, 2013, 8, 61-68. | 31.5 | 925 |
| 30 | Short and Long Term, In Vitro and In Vivo Correlations of Cellular and Tissue Responses to Mesoporous Silicon Nanovectors. Small, 2013, 9, 1722-1733. | 10.0 | 43 |
| 31 | Evaluation of Cell Function Upon Nanovector Internalization. Small, 2013, 9, 1696-1702. | 10.0 | 17 |
| 32 | Multifunctional to multistage delivery systems: The evolution of nanoparticles for biomedical applications. Science Bulletin, 2012, 57, 3961-3971. | 1.7 | 45 |
| 33 | Near-Infrared Imaging Method for the In Vivo Assessment of the Biodistribution of Nanoporous Silicon Particles. Molecular Imaging, 2011, 10, 7290.2011.00011. | 1.4 | 50 |
| 34 | Near-infrared imaging method for the in vivo assessment of the biodistribution of nanoporous silicon particles. Molecular Imaging, 2011, 10, 56-68. | 1.4 | 32 |
| 35 | Enabling individualized therapy through nanotechnology. Pharmacological Research, 2010, 62, 57-89. | 7.1 | 188 |