

# Chiara Martinelli

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2088555/publications.pdf>

Version: 2024-02-01

31  
papers

1,526  
citations

623734

14  
h-index

580821

25  
g-index

33  
all docs

33  
docs citations

33  
times ranked

2566  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Innovative approaches for cancer treatment: current perspectives and new challenges. <i>Ecancermedalscience</i> , 2019, 13, 961.  | 1.1  | 450       |
| 2  | Broad-spectrum non-toxic antiviral nanoparticles with a virucidal inhibition mechanism. <i>Nature Materials</i> , 2018, 17, 195-203.  | 27.5 | 331       |
| 3  | Nanostructured carriers as innovative tools for cancer diagnosis and therapy. <i>APL Bioengineering</i> , 2019, 3, 011502.  | 6.2  | 164       |
| 4  | Immunological applications of single-domain llama recombinant antibodies isolated from a naïve library. <i>Protein Engineering, Design and Selection</i> , 2009, 22, 273-280.   | 2.1  | 135       |
| 5  | Multifunctional temozolomide-loaded lipid superparamagnetic nanovectors: dual targeting and disintegration of glioblastoma spheroids by synergic chemotherapy and hyperthermia treatment. <i>Nanoscale</i> , 2019, 11, 21227-21248. | 5.6  | 56        |
| 6  | Antioxidants and Nanotechnology: Promises and Limits of Potentially Disruptive Approaches in the Treatment of Central Nervous System Diseases. <i>Advanced Healthcare Materials</i> , 2020, 9, e1901589.                            | 7.6  | 50        |
| 7  | Regulation of Cell Signaling Pathways by Berberine in Different Cancers: Searching for Missing Pieces of an Incomplete Jig-Saw Puzzle for an Effective Cancer Therapy. <i>Cancers</i> , 2019, 11, 478.                              | 3.7  | 42        |
| 8  | Hybrid Magnetic Nanovectors Promote Selective Glioblastoma Cell Death through a Combined Effect of Lysosomal Membrane Permeabilization and Chemotherapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 29037-29055.     | 8.0  | 42        |
| 9  | Exploring the pH Sensitivity of Poly(allylamine) Phosphate Supramolecular Nanocarriers for Intracellular siRNA Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 38242-38254.                                      | 8.0  | 38        |
| 10 | A monoclonal antibody against mutated nucleophosmin 1 for the molecular diagnosis of acute myeloid leukemias. <i>Blood</i> , 2010, 116, 2096-2102.  | 1.4  | 35        |
| 11 | Tannic Acid-iron Complex-Based Nanoparticles as a Novel Tool against Oxidative Stress. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 15927-15941.   | 8.0  | 32        |
| 12 | Light-Activated Biomedical Applications of Chlorophyll Derivatives. <i>Macromolecular Bioscience</i> , 2021, 21, e2100181.  | 4.1  | 22        |
| 13 | Erythrocyte Incubation as a Method for Free-Dye Presence Determination in Fluorescently Labeled Nanoparticles. <i>Molecular Pharmaceutics</i> , 2013, 10, 875-882.  | 4.6  | 20        |
| 14 | Development of Nanostructured Lipid Carriers for the Delivery of Idebenone in Autosomal Recessive Spastic Ataxia of Charlevoix-Saguenay. <i>ACS Omega</i> , 2020, 5, 12451-12466.   | 3.5  | 16        |
| 15 | Antibody-mediated purification of co-expressed antigen-antibody complexes. <i>Protein Expression and Purification</i> , 2010, 72, 55-58.  | 1.3  | 14        |
| 16 | Regulation of Hippo, TGF $\beta$ 2/SMAD, Wnt/ $\beta$ 2-Catenin, JAK/STAT, and NOTCH by Long Non-Coding RNAs in Pancreatic Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 657965.   | 2.8  | 13        |
| 17 | <i>In vitro</i> study of polydopamine nanoparticles as protective antioxidant agents in fibroblasts derived from ARSACS patients. <i>Biomaterials Science</i> , 2022, 10, 3770-3792.  | 5.4  | 10        |
| 18 | ADAM22/LGI1 complex as a new actionable target for breast cancer brain metastasis. <i>BMC Medicine</i> , 2020, 18, 349.   | 5.5  | 8         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Cerium Oxide Nanoparticle Administration to Skeletal Muscle Cells under Different Gravity and Radiation Conditions. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 40200-40213.  | 8.0 | 8         |
| 20 | The concurrent use of N- and C-terminal antibodies anti-nucleophosmin 1 in immunofluorescence experiments allows for precise assessment of its subcellular localisation in acute myeloid leukaemia patients. <i>Leukemia</i> , 2012, 26, 159-162.   | 7.2 | 7         |
| 21 | Exosomes: New Biomarkers for Targeted Cancer Therapy. , 2017, , 129-157.  |     | 7         |
| 22 | What does the future hold for chemotherapy with the use of lipid-based nanocarriers?. <i>Future Oncology</i> , 2020, 16, 81-84.   | 2.4 | 6         |
| 23 | An intrabody specific for the nucleophosmin carboxy-terminal mutant and fused to a nuclear localization sequence binds its antigen but fails to relocate it in the nucleus. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2014, 3, 27-33. | 4.4 | 5         |
| 24 | Reproducibility warning: The curious case of polyethylene glycol 6000 and spheroid cell culture. <i>PLoS ONE</i> , 2020, 15, e0224002.  | 2.5 | 4         |
| 25 | Nanotechnological approaches for counteracting multidrug resistance in cancer. , 2020, 3, 1003-1020.  |     | 4         |
| 26 | Smart Nanocarriers for Targeted Cancer Therapy. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2021, 21, 546-557.   | 1.7 | 3         |
| 27 | Human serum albumin nanoparticles loaded with phthalocyanine dyes for potential use in photodynamic therapy for atherosclerotic plaques. <i>Precision Nanomedicine</i> , 2019, 2, 279-302.  | 0.8 | 3         |
| 28 | Micro structured tools for cell modeling in the fourth dimension. , 2021, , .   |     | 1         |
| 29 | Light-Activated Biomedical Applications of Chlorophyll Derivatives. <i>Macromolecular Bioscience</i> , 2021, 21, 2170027.   | 4.1 | 0         |
| 30 | Signaling Landscape of AML: The Story So Far. , 2018, , 233-262.  |     | 0         |
| 31 | Multiple roles of circulating tumor cells and exosomes in cancer metastasis. , 2022, , 7-21.  |     | 0         |