

# Marisa Colone

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

50  
papers

3,268  
citations

27  
h-index

57  
g-index

57  
ext. papers

3,776  
ext. citations

4.9  
avg, IF

4.42  
L-index

| #  | Paper   | IF  | Citations |
|----|---|-----|-----------|
| 50 | Design, Synthesis, and In Vitro, In Silico and In Cellulo Evaluation of New Pyrimidine and Pyridine Amide and Carbamate Derivatives as Multi-Functional Cholinesterase Inhibitors. <i>Pharmaceuticals</i> , <b>2022</b> , 15, 673 | 5.2 | 0         |
| 49 | New Pyrimidine and Pyridine Derivatives as Multitarget Cholinesterase Inhibitors: Design, Synthesis, and and Evaluation. <i>ACS Chemical Neuroscience</i> , <b>2021</b> , 12, 4090-4112   | 5.7 | 2         |
| 48 | Phytochemical Analysis and Biological Activities of the Ethanolic Extract of Vahl Flowering Aerial Parts Collected in Central Italy. <i>Biomolecules</i> , <b>2021</b> , 11,  | 5.9 | 2         |
| 47 | Vepris macrophylla Essential Oil Produces Notable Antiproliferative Activity and Morphological Alterations in Human Breast Adenocarcinoma Cells. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 4369                   | 2.6 | 0         |
| 46 | Oxidative Stress and Male Fertility: Role of Antioxidants and Inositols. <i>Antioxidants</i> , <b>2021</b> , 10,  | 7.1 | 9         |
| 45 | Drug Delivery Systems of Natural Products in Oncology. <i>Molecules</i> , <b>2020</b> , 25,   | 4.8 | 21        |
| 44 | Role of and in Virulence: Evidence from a Murine Model of Vaginal Candidiasis. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2020</b> , 6,  | 5.6 | 3         |
| 43 | New deferiprone derivatives as multi-functional cholinesterase inhibitors: design, synthesis and in vitro evaluation. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 198, 112350                                  | 6.8 | 13        |
| 42 | Antioxidant, Antifungal, Antibiofilm, and Cytotoxic Activities of spp. Essential Oils. <i>Medicines (Basel, Switzerland)</i> , <b>2018</b> , 5,   | 4.1 | 32        |
| 41 | Detection and Physicochemical Characterization of Membrane Vesicles (MVs) of DSM 17938. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 1040  | 5.7 | 48        |
| 40 | Antibacterial activity of essential oils mixture against PSA. <i>Natural Product Research</i> , <b>2016</b> , 30, 412-8   | 2.3 | 8         |
| 39 | Redox-active Microcapsules as Drug Delivery System in Breast Cancer Cells and Spheroids. <i>Journal of Molecular and Genetic Medicine: an International Journal of Biomedical Research</i> , <b>2016</b> , 10,                    | 2.5 | 3         |
| 38 | A novel enzyme with spermine oxidase properties in bovine liver mitochondria: identification and kinetic characterization. <i>Free Radical Biology and Medicine</i> , <b>2015</b> , 81, 88-99                                     | 7.8 | 10        |
| 37 | Detection of exosomal prions in blood by immunochemistry techniques. <i>Journal of General Virology</i> , <b>2015</b> , 96, 1969-74   | 4.9 | 32        |
| 36 | The cell membrane is the main target of resveratrol as shown by interdisciplinary biomolecular/cellular and biophysical approaches. <i>Journal of Membrane Biology</i> , <b>2014</b> , 247, 1-8                                   | 2.3 | 7         |
| 35 | Glutathione metabolism in Candida albicans resistant strains to fluconazole and micafungin. <i>PLoS ONE</i> , <b>2014</b> , 9, e98387   | 3.7 | 12        |
| 34 | Effects of Mentha suaveolens Essential Oil Alone or in Combination with Other Drugs in Candida albicans. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2014</b> , 2014, 125904                                | 2.3 | 27        |

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|----|--|------|-----|
| 33 | Nanomedicines for antimicrobial interventions. <i>Journal of Hospital Infection</i> , <b>2014</b> , 88, 183-90   | 6.9  | 53  |
| 32 | Esculentin(1-21), an amphibian skin membrane-active peptide with potent activity on both planktonic and biofilm cells of the bacterial pathogen <i>Pseudomonas aeruginosa</i> . <i>Cellular and Molecular Life Sciences</i> , <b>2013</b> , 70, 2773-86                | 10.3 | 95  |
| 31 | pH-dependent disruption of <i>Escherichia coli</i> ATCC 25922 and model membranes by the human antimicrobial peptides hepcidin 20 and 25. <i>FEBS Journal</i> , <b>2013</b> , 280, 2842-54   | 5.7  | 32  |
| 30 | The cell wall protein Rhd3/Pga29 is over-expressed in <i>Candida albicans</i> upon micafungin treatment. <i>Journal of Chemotherapy</i> , <b>2013</b> , 25, 332-40   | 2.3  | 2   |
| 29 | Influence of the Morphology of Lysozyme-Shelled Microparticles on the Cellular Association, Uptake, and Degradation in Human Breast Adenocarcinoma Cells. <i>Particle and Particle Systems Characterization</i> , <b>2013</b> , 30, 695-705                            | 3.1  | 9   |
| 28 | Characterization of biofilms in drug-sensitive and drug-resistant strains of <i>Candida albicans</i> . <i>Journal of Chemotherapy</i> , <b>2013</b> , 25, 87-95  | 2.3  | 9   |
| 27 | Immune surveillance properties of human NK cell-derived exosomes. <i>Journal of Immunology</i> , <b>2012</b> , 189, 2833-42  | 5.3  | 260 |
| 26 | Infection of human THP-1 cells with dormant <i>Mycobacterium tuberculosis</i> . <i>Microbes and Infection</i> , <b>2012</b> , 14, 959-67   | 9.3  | 21  |
| 25 | The PavA-like fibronectin-binding protein of <i>Enterococcus faecalis</i> , EfbA, is important for virulence in a mouse model of ascending urinary tract infection. <i>Journal of Infectious Diseases</i> , <b>2012</b> , 206, 952-60                                  | 7    | 30  |
| 24 | The MP65 gene is required for cell wall integrity, adherence to epithelial cells and biofilm formation in <i>Candida albicans</i> . <i>BMC Microbiology</i> , <b>2011</b> , 11, 106  | 4.5  | 40  |
| 23 | Tea tree oil might combat melanoma. <i>Planta Medica</i> , <b>2011</b> , 77, 54-6  | 3.1  | 27  |
| 22 | A NH2 tau fragment targets neuronal mitochondria at AD synapses: possible implications for neurodegeneration. <i>Journal of Alzheimer's Disease</i> , <b>2010</b> , 21, 445-70   | 4.3  | 68  |
| 21 | Efficiency of liposomes in the delivery of a photosensitizer controlled by the stereochemistry of a gemini surfactant component. <i>Molecular Pharmaceutics</i> , <b>2010</b> , 7, 130-7   | 5.6  | 27  |
| 20 | Protection by anti-beta-glucan antibodies is associated with restricted beta-1,3 glucan binding specificity and inhibition of fungal growth and adherence. <i>PLoS ONE</i> , <b>2009</b> , 4, e5392  | 3.7  | 161 |
| 19 | Microenvironmental pH is a key factor for exosome traffic in tumor cells. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 34211-22   | 5.4  | 933 |
| 18 | Suzuki-Miyaura cross-coupling catalyzed by protein-stabilized palladium nanoparticles under aerobic conditions in water: application to a one-pot chemoenzymatic enantioselective synthesis of chiral biaryl alcohols. <i>Green Chemistry</i> , <b>2009</b> , 11, 1929 | 10   | 86  |
| 17 | Localisation of Bgl2p upon antifungal drug treatment in <i>Candida albicans</i> . <i>International Journal of Antimicrobial Agents</i> , <b>2009</b> , 33, 143-8   | 14.3 | 6   |
| 16 | The multidrug transporter P-glycoprotein: a mediator of melanoma invasion?. <i>Journal of Investigative Dermatology</i> , <b>2008</b> , 128, 957-71  | 4.3  | 77  |

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|----|--|------|-----|
| 15 | Direct binding of human NK cell natural cytotoxicity receptor NKp44 to the surfaces of mycobacteria and other bacteria. <i>Infection and Immunity</i> , <b>2008</b> , 76, 1719-27  | 3.7  | 114 |
| 14 | Increase of virulence and its phenotypic traits in drug-resistant strains of <i>Candida albicans</i> . <i>Antimicrobial Agents and Chemotherapy</i> , <b>2008</b> , 52, 927-36   | 5.9  | 46  |
| 13 | Intratumoral vs systemic administration of meta-tetrahydroxyphenylchlorin for photodynamic therapy of malignant gliomas: assessment of uptake and spatial distribution in C6 rat glioma model. <i>International Journal of Immunopathology and Pharmacology</i> , <b>2008</b> , 21, 227-31 | 3    | 16  |
| 12 | Src-Tyrosine kinases are major agents in mitochondrial tyrosine phosphorylation. <i>Journal of Cellular Biochemistry</i> , <b>2008</b> , 104, 840-9  | 4.7  | 53  |
| 11 | m-THPC-mediated photodynamic therapy of malignant gliomas: assessment of a new transfection strategy. <i>International Journal of Cancer</i> , <b>2007</b> , 121, 1149-55  | 7.5  | 32  |
| 10 | Ultrastructural modifications of cell membranes induced by "electroporation" on melanoma xenografts. <i>Microscopy Research and Technique</i> , <b>2007</b> , 70, 1041-50  | 2.8  | 38  |
| 9  | PE is a functional domain responsible for protein translocation and localization on mycobacterial cell wall. <i>Molecular Microbiology</i> , <b>2007</b> , 66, 1536-47   | 4.1  | 85  |
| 8  | Cationic liposomes, loaded with m-THPC, in photodynamic therapy for malignant glioma. <i>Toxicology in Vitro</i> , <b>2007</b> , 21, 230-4   | 3.6  | 29  |
| 7  | Influence of the spacer of cationic gemini amphiphiles on the hydration of lipoplexes. <i>Biomacromolecules</i> , <b>2007</b> , 8, 1999-2003   | 6.9  | 27  |
| 6  | Neurotrophins and neurotransmitters in human palatine tonsils: An immunohistochemical and RT-PCR analysis. <i>International Journal of Molecular Medicine</i> , <b>2006</b> , 18, 49   | 4.4  | 2   |
| 5  | Human colorectal cancer cells induce T-cell death through release of proapoptotic microvesicles: role in immune escape. <i>Gastroenterology</i> , <b>2005</b> , 128, 1796-804  | 13.3 | 382 |
| 4  | Early stages of salmon calcitonin aggregation: effect induced by ageing and oxidation processes in water and in the presence of model membranes. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , <b>2005</b> , 1750, 134-45   | 4    | 31  |
| 3  | Terpinen-4-ol, the main component of <i>Melaleuca alternifolia</i> (tea tree) oil inhibits the in vitro growth of human melanoma cells. <i>Journal of Investigative Dermatology</i> , <b>2004</b> , 122, 349-60  | 4.3  | 124 |
| 2  | Fine environmental particulate engenders alterations in human lung epithelial A549 cells. <i>Environmental Research</i> , <b>2004</b> , 95, 82-91  | 7.9  | 63  |
| 1  | Subcellular detection and localization of the drug transporter P-glycoprotein in cultured tumor cells. <i>Current Protein and Peptide Science</i> , <b>2002</b> , 3, 653-70  | 2.8  | 60  |