

# Michele Manfra

## List of Publications by Year in descending order

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45  
papers

1,122  
citations

304743

22  
h-index

414414

32  
g-index

46  
all docs

46  
docs citations

46  
times ranked

1956  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Antitumor Agents. 3. Design, Synthesis, and Biological Evaluation of New Pyridoisoquinolindione and Dihydrothienoquinolindione Derivatives with Potent Cytotoxic Activity. <i>Journal of Medicinal Chemistry</i> , 2004, 47, 849-858.  | 6.4 | 74        |
| 2  | <i>Trichoderma harzianum</i> strain T-22 induces changes in phytohormone levels in cherry rootstocks ( <i>Prunus cerasus</i> — <i>P. canescens</i> ). <i>Plant Growth Regulation</i> , 2011, 65, 421-425.  | 3.4 | 68        |
| 3  | Thiazolidin-4-one formation. Mechanistic and synthetic aspects of the reaction of imines and mercaptoacetic acid under microwave and conventional heating. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 2809.  | 2.8 | 63        |
| 4  | Nutraceutical properties and polyphenolic profile of berry skin and wine of <i>Vitis vinifera</i> L. (cv.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622  | 8.2 | 61        |
| 5  | Different agronomic and fertilization systems affect polyphenolic profile, antioxidant capacity and mineral composition of lettuce. <i>Scientia Horticulturae</i> , 2016, 204, 106-115.  | 3.6 | 53        |
| 6  | Evaluation of anti-inflammatory activity and fast UHPLC—DAD—IT-TOF profiling of polyphenolic compounds extracted from green lettuce ( <i>Lactuca sativa</i> L.; var. Maravilla de Verano). <i>Food Chemistry</i> , 2015, 167, 153-161.   | 8.2 | 52        |
| 7  | Antitumor Agents. 2. Synthesis, Structure—Activity Relationships, and Biological Evaluation of Substituted 5H-Pyridophenoxazin-5-ones with Potent Antiproliferative Activity. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 5217-5223.   | 6.4 | 51        |
| 8  | Antitumor Agents. 1. Synthesis, Biological Evaluation, and Molecular Modeling of 5H-Pyrido[3,2-a]phenoxazin-5-one, a Compound with Potent Antiproliferative Activity. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 5205-5216.   | 6.4 | 46        |
| 9  | Peptidome profiles and bioactivity elucidation of buffalo-milk dairy products after gastrointestinal digestion. <i>Food Research International</i> , 2018, 105, 1003-1010.   | 6.2 | 44        |
| 10 | Antitumor Agents 6. Synthesis, Structure—Activity Relationships, and Biological Evaluation of Spiro[imidazolidine-4,3—thieno[2,3- <i>g</i> ]quinoline]-tetraones and Spiro[thieno[2,3- <i>g</i> ]quinoline-3,5—[1,2,4]triazinane]-tetraones with Potent Antiproliferative Activity. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 8148-8157. | 6.4 | 38        |
| 11 | Chemical profiling of bioactive constituents in hop cones and pellets extracts by online comprehensive two-dimensional liquid chromatography with tandem mass spectrometry and direct infusion Fourier transform ion cyclotron resonance mass spectrometry. <i>Journal of Separation Science</i> , 2018, 41, 1548-1557.                          | 2.5 | 36        |
| 12 | Mechanochemistry of ibuprofen pharmaceutical. <i>Chemosphere</i> , 2012, 88, 548-553.  | 8.2 | 33        |
| 13 | UHPLC profiling and effects on LPS-stimulated J774A.1 macrophages of flavonoids from bergamot ( <i>Citrus bergamia</i> ) juice, an underestimated waste product with high anti-inflammatory potential. <i>Journal of Functional Foods</i> , 2014, 7, 641-649.  | 3.4 | 33        |
| 14 | Detailed polyphenolic profiling of Annurca apple ( <i>M. pumila</i> Miller cv Annurca) by a combination of RP-UHPLC and HILIC, both hyphenated to IT-TOF mass spectrometry. <i>Food Research International</i> , 2015, 76, 466-477.  | 6.2 | 32        |
| 15 | Bioavailable Citrus <i>sinensis</i> Extract: Polyphenolic Composition and Biological Activity. <i>Molecules</i> , 2017, 22, 623.   | 3.8 | 31        |
| 16 | Berry morphology and composition in irrigated and non-irrigated grapevine ( <i>Vitis vinifera</i> L.). <i>Journal of Plant Physiology</i> , 2012, 169, 1023-1031.  | 3.5 | 29        |
| 17 | Evaluation of two sub-2 $\mu$ m stationary phases, core—shell and totally porous monodisperse, in the second dimension of on-line comprehensive two dimensional liquid chromatography, a case study: Separation of milk peptides after expiration date. <i>Journal of Chromatography A</i> , 2015, 1375, 54-61.                                  | 3.7 | 27        |
| 18 | Antitumor Agents. 5. Synthesis, Structure—Activity Relationships, and Biological Evaluation of Dimethyl-5H-pyridophenoxazin-5-ones, Tetrahydro-5H-benzopyridophenoxazin-5-ones, and 5H-Benzopyridophenoxazin-5-ones with Potent Antiproliferative Activity. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 5110-5118.                         | 6.4 | 26        |

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|----|---|-----|-----------|
| 19 | Anti-inflammatory and antioxidant activity of polyphenolic extracts from <i>Lactuca sativa</i> (var. <i>Maravilla de Verano</i> ) under different farming methods. <i>Journal of the Science of Food and Agriculture</i> , 2016, 96, 4194-4206.                             | 3.5 | 26        |
| 20 | Detailed peptide profiling of "Scotta" from a dairy waste to a source of potential health-promoting compounds. <i>Dairy Science and Technology</i> , 2016, 96, 763-771.   | 2.2 | 24        |
| 21 | Anti-Inflammatory and Antioxidant Properties of Dehydrated Potato-Derived Bioactive Compounds in Intestinal Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6087.   | 4.1 | 24        |
| 22 | Antioxidant Profile and in Vitro Cardiac Radical-Scavenging versus Pro-oxidant Effects of Commercial Red Grape Juices ( <i>Vitis vinifera</i> L. cv. Aglianico N.). <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 9680-9687.                                | 5.2 | 22        |
| 23 | Polyphenolic pattern and in vitro cardioprotective properties of typical red wines from vineyards cultivated in Scafati (Salerno, Italy). <i>Food Chemistry</i> , 2013, 140, 803-809.   | 8.2 | 21        |
| 24 | Synthesis and Pharmacological Characterization of Conformationally Restricted Retigabine Analogues as Novel Neuronal Kv7 Channel Activators. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 163-185.   | 6.4 | 20        |
| 25 | Ultra high performance liquid chromatography with ion-trap TOF-MS for the fast characterization of flavonoids in <i>Citrus bergamia</i> juice. <i>Journal of Separation Science</i> , 2013, 36, 3351-3355.  | 2.5 | 19        |
| 26 | Identification of novel microsomal prostaglandin E2 synthase-1 (mPGES-1) lead inhibitors from Fragment Virtual Screening. <i>European Journal of Medicinal Chemistry</i> , 2017, 125, 278-287.  | 5.5 | 19        |
| 27 | Polyphenolic Extract from Tarocco ( <i>Citrus sinensis</i> L. Osbeck) Clone "Lemposo" Exerts Anti-Inflammatory and Antioxidant Effects via NF- $\kappa$ B and Nrf-2 Activation in Murine Macrophages. <i>Nutrients</i> , 2018, 10, 1961.                                    | 4.1 | 16        |
| 28 | Flavonoid Composition of Tarocco ( <i>Citrus sinensis</i> L. Osbeck) Clone "Lemposo" and Fast Antioxidant Activity Screening by DPPH-UHPLC-PDA-IT-TOF. <i>Phytochemical Analysis</i> , 2017, 28, 521-528.   | 2.4 | 15        |
| 29 | An NMR Study of the Bortezomib Degradation under Clinical Use Conditions. <i>Advances in Hematology</i> , 2009, 2009, 1-5.  | 1.0 | 14        |
| 30 | Nutraceutical value and toxicological profile of selected red wines from Morocco. <i>Food Chemistry</i> , 2011, 129, 792-798.   | 8.2 | 13        |
| 31 | Development and Identification of a Novel Anti-HIV-1 Peptide Derived by Modification of the N-Terminal Domain of HIV-1 Integrase. <i>Frontiers in Microbiology</i> , 2016, 7, 845.  | 3.5 | 13        |
| 32 | Antitumor agents 7. Synthesis, antiproliferative activity and molecular modeling of new Lysine-conjugated pyridophenoxazinones as potent DNA-binding ligands and topoisomerase III $\alpha$ inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2020, 187, 111960. | 5.5 | 12        |
| 33 | Anthocyanin composition and extractability in berry skin and wine of <i>Vitis vinifera</i> L. cv. Aglianico. <i>Journal of the Science of Food and Agriculture</i> , 2011, 91, 2749-2755.   | 3.5 | 10        |
| 34 | Dihydrithieno[2,3-b]naphtho-4,9-dione analogues as anticancer agents: Synthesis and in cell pharmacological studies. <i>European Journal of Medicinal Chemistry</i> , 2015, 102, 106-114.   | 5.5 | 10        |
| 35 | Reaction between quinone and thiazolidine. A study on the formation mechanism of new antiproliferative quinolindiones. <i>Tetrahedron</i> , 2004, 60, 8189-8197.  | 1.9 | 9         |
| 36 | <i>Citrus sinensis</i> and <i>Vitis vinifera</i> Protect Cardiomyocytes from Doxorubicin-Induced Oxidative Stress: Evaluation of Onconutraceutical Potential of Vegetable Smoothies. <i>Antioxidants</i> , 2020, 9, 378.  | 5.1 | 8         |

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|----|---|-----|-----------|
| 37 | Rapid Screening of Antioxidant Anthocyanins in Autochthonous Nero d'Avola Grape Clones by Pre-column DPPH Reaction Coupled to UHPLC-UV/Vis-IT-TOF: a Strategy to Combine Chemical data and Genetic Diversity. <i>Food Analytical Methods</i> , 2016, 9, 2780-2790.                    | 2.6 | 7         |
| 38 | Yield parameters and antioxidant compounds of tomato fruit: the role of plant defence inducers with or without <i>Cucumber mosaic virus</i> infection. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 5541-5549.   | 3.5 | 6         |
| 39 | Online comprehensive hydrophilic interaction chromatography— reversed phase liquid chromatography coupled to mass spectrometry for in depth peptidomic profile of microalgae gastro-intestinal digests. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 175, 112783. | 2.8 | 5         |
| 40 | Microwave-Assisted Synthesis of Pyridophenoxazinones, a Class of Antiproliferative Compounds. <i>ChemistrySelect</i> , 2016, 1, 1292-1295.  | 1.5 | 4         |
| 41 | Modification of Lipid Profile in Commercial Cow Milk Samples before and after Their Expiration Date: Evaluation of Storage Crucial Parameters and Possible Environmentally Friendly Disposal Alternatives. <i>Journal of Food Quality</i> , 2018, 2018, 1-8.                          | 2.6 | 4         |
| 42 | Susceptibility to denaturation of caseins in milk samples for improving protein conformational study and their identification. <i>Natural Product Research</i> , 2013, 27, 1508-1512.   | 1.8 | 2         |
| 43 | An <sup>1</sup> H NMR study of the cytarabine degradation in clinical conditions to avoid drug waste, decrease therapy costs and improve patient compliance in acute leukemia. <i>Anti-Cancer Drugs</i> , 2020, 31, 67-72.  | 1.4 | 1         |
| 44 | Stereoselective Synthesis of Selenium-Containing Glycoconjugates via the Mitsunobu Reaction. <i>Molecules</i> , 2021, 26, 2541.   | 3.8 | 1         |
| 45 | Thiazolidin-4-one Formation. Mechanistic and Synthetic Aspects of the Reaction of Imines and Mercaptoacetic Acid under Microwave and Conventional Heating.. <i>ChemInform</i> , 2005, 36, no.   | 0.0 | 0         |