

# Salvatore Antonino Raccuia

## List of Publications by Year in descending order

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63  
papers

1,159  
citations

430874

18  
h-index

414414

32  
g-index

63  
all docs

63  
docs citations

63  
times ranked

1170  
citing authors

| #  | ARTICLE                                                                                                                                                                                                                                                                     | IF   | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1  | Biomass and grain oil yields in <i>Cynara cardunculus</i> L. genotypes grown in a Mediterranean environment. <i>Field Crops Research</i> , 2007, 101, 187-197.                                                                                                              | 5.1  | 119       |
| 2  | Possible alternative utilization of <i>Cynara</i> spp.. <i>Industrial Crops and Products</i> , 1999, 10, 219-228.                                                                                                                                                           | 5.2  | 109       |
| 3  | Possible alternative utilization of <i>Cynara</i> spp.. <i>Industrial Crops and Products</i> , 1999, 10, 229-237.                                                                                                                                                           | 5.2  | 83        |
| 4  | Seasonal dynamics of biomass, inulin, and water-soluble sugars in roots of <i>Cynara cardunculus</i> L.. <i>Field Crops Research</i> , 2010, 116, 147-153.                                                                                                                  | 5.1  | 71        |
| 5  | <i>Cynara cardunculus</i> L., a potential source of inulin in the Mediterranean environment: screening of genetic variability. <i>Australian Journal of Agricultural Research</i> , 2004, 55, 693.                                                                          | 1.5  | 67        |
| 6  | Genetic diversity in <i>Cynara cardunculus</i> revealed by AFLP markers: comparison between cultivars and wild types from Sicily*. <i>Plant Breeding</i> , 2004, 123, 280-284.                                                                                              | 1.9  | 64        |
| 7  | Intraspecific variability in <i>Cynara cardunculus</i> L. var. <i>sylvestris</i> Lam. Sicilian populations: seed germination under salt and moisture stresses. <i>Journal of Arid Environments</i> , 2004, 56, 107-116.                                                     | 2.4  | 50        |
| 8  | Genetic variability in <i>Cynara cardunculus</i> L. domestic and wild types for grain oil production and fatty acids composition. <i>Biomass and Bioenergy</i> , 2011, 35, 3167-3173.                                                                                       | 5.7  | 45        |
| 9  | MYB5-like and bHLH influence flavonoid composition in pomegranate. <i>Plant Science</i> , 2020, 298, 110563.                                                                                                                                                                | 3.6  | 33        |
| 10 | <i>Cynara cardunculus</i> L. as a Multipurpose Crop for Plant Secondary Metabolites Production in Marginal Stressed Lands. <i>Frontiers in Plant Science</i> , 2020, 11, 240.                                                                                               | 3.6  | 31        |
| 11 | Antiproliferative and Antiangiogenic Effects of <i>Punica granatum</i> Juice (PGJ) in Multiple Myeloma (MM). <i>Nutrients</i> , 2016, 8, 611.                                                                                                                               | 4.1  | 29        |
| 12 | Myeloid Derived Suppressor Cells in Chronic Myeloid Leukemia. <i>Frontiers in Oncology</i> , 2015, 5, 107.                                                                                                                                                                  | 2.8  | 27        |
| 13 | The quality of functional whole-meal durum wheat spaghetti as affected by inulin polymerization degree. <i>Carbohydrate Polymers</i> , 2017, 173, 84-90.                                                                                                                    | 10.2 | 27        |
| 14 | Seagrass <i>Halophila stipulacea</i> : Capacity of accumulation and biomonitoring of trace elements. <i>Science of the Total Environment</i> , 2018, 633, 257-263.                                                                                                          | 8.0  | 27        |
| 15 | Evaluation of cardoon seeds presscake for animal feeding. <i>Acta Horticulturae</i> , 2016, , 323-328.                                                                                                                                                                      | 0.2  | 26        |
| 16 | A comparative study of oilseed crops ( <i>Brassica napus</i> L. subsp. <i>oleifera</i> and <i>Brassica carinata</i> A. Braun) in the biodiesel production chain and their adaptability to different Italian areas. <i>Industrial Crops and Products</i> , 2015, 75, 98-107. | 5.2  | 22        |
| 17 | Adaptability of sunflower ( <i>Helianthus annuus</i> L.) high oleic hybrids to different Italian areas for biodiesel production. <i>Industrial Crops and Products</i> , 2015, 75, 108-117.                                                                                  | 5.2  | 22        |
| 18 | Comparative assessment of trace element accumulation and bioindication in seagrasses <i>Posidonia oceanica</i> , <i>Cymodocea nodosa</i> and <i>Halophila stipulacea</i> . <i>Marine Pollution Bulletin</i> , 2018, 131, 260-266.                                           | 5.0  | 22        |

| #  | ARTICLE                                                                                                                                                                                                                            | IF  | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Physico-chemical characteristics, water absorption, soaking and cooking properties of some Sicilian populations of chickpea ( <i>Cicer arietinum</i> L.). International Journal of Food Sciences and Nutrition, 2004, 55, 547-554. | 2.8 | 18        |
| 20 | Pilot plant system for biodiesel and pellet production from cardoon: technical and economic feasibility. Acta Horticulturae, 2016, , 429-442.                                                                                      | 0.2 | 18        |
| 21 | Effect of <i>Cynara</i> extracts on multiple myeloma cell lines. Acta Horticulturae, 2016, , 113-118.                                                                                                                              | 0.2 | 17        |
| 22 | Morphostructural and immunohistochemical study on the role of metallothionein in the detoxification of heavy metals in <i>Apis mellifera</i> L., 1758. Microscopy Research and Technique, 2017, 80, 1215-1220.                     | 2.2 | 16        |
| 23 | EFFECT OF PLANT DENSITY ON BIOMASS AND GRAIN YIELDS IN <i>CYNARA CARDUNCULUS</i> VAR. <i>ALtilis</i> CULTIVATED IN SICILY. Acta Horticulturae, 2012, , 303-308.                                                                    | 0.2 | 14        |
| 24 | Nutraceutical Content and Genetic Diversity Share a Common Pattern in New Pomegranate Genotypes. Molecules, 2022, 27, 389.                                                                                                         | 3.8 | 12        |
| 25 | Mechanisms of phytoextraction in <i>Cynara cardunculus</i> L. growing under cadmium and arsenic stress. Acta Horticulturae, 2016, , 139-144.                                                                                       | 0.2 | 10        |
| 26 | Reduction of browning phenomena of minimally processed artichoke hearts. Acta Horticulturae, 2016, , 223-236.                                                                                                                      | 0.2 | 10        |
| 27 | Effects of heavy metals on seedlings germination and growth in different cardoon genotypes. Acta Horticulturae, 2016, , 281-288.                                                                                                   | 0.2 | 10        |
| 28 | Seed germination responses to salt stress in wild and cultivated Sicilian cardoon genotypes. Acta Horticulturae, 2016, , 9-14.                                                                                                     | 0.2 | 9         |
| 29 | Life cycle assessment of cardoon production system in different areas of Italy. Acta Horticulturae, 2016, , 329-334.                                                                                                               | 0.2 | 8         |
| 30 | Seagrass <i>Cymodocea nodosa</i> and seaweed <i>Ulva lactuca</i> as tools for trace element biomonitoring. A comparative study. Marine Pollution Bulletin, 2020, 161, 111743.                                                      | 5.0 | 8         |
| 31 | SCREENING OF GENETIC VARIABILITY FOR SOME PHENOLIC CONSTITUENTS OF GLOBE ARTICHOKE HEAD. Acta Horticulturae, 2007, , 85-91.                                                                                                        | 0.2 | 8         |
| 32 | Biological properties of <i>Cakile maritima</i> Scop. (Brassicaceae) extracts. European Review for Medical and Pharmacological Sciences, 2019, 23, 2280-2292.                                                                      | 0.7 | 8         |
| 33 | USE OF RESISTANT CARDOONS AS ROOTSTOCKS FOR THE CONTROL OF VERTICILLIUM WILT IN GLOBE ARTICHOKE. Acta Horticulturae, 2012, , 201-205.                                                                                              | 0.2 | 7         |
| 34 | DIFFERENCES OF HEALTH-PROMOTING COMPOUNDS ACCUMULATION IN BUDS OF GLOBE ARTICHOKE AS AFFECTED BY GENOTYPE AND ENVIRONMENT. Acta Horticulturae, 2012, , 457-462.                                                                    | 0.2 | 7         |
| 35 | Clinical Impact of the Immunome in Lymphoid Malignancies: The Role of Myeloid-Derived Suppressor Cells. Frontiers in Oncology, 2015, 5, 104.                                                                                       | 2.8 | 7         |
| 36 | Seed dormancy and control of germination in <i>Sisymbrella dentata</i> (L.) O.E. Schulz (Brassicaceae). Plant Biology, 2018, 20, 879-885.                                                                                          | 3.8 | 7         |

| #  | ARTICLE                                                                                                                                                                                                             | IF  | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | INULIN AND INULIN METABOLIZING ENZYME ACTIVITIES DURING THE GROWTH CYCLE OF WILD CARDOON. Acta Horticulturae, 2012, , 419-425.                                                                                      | 0.2 | 6         |
| 38 | GLOBE ARTICHOKE GENETIC VARIABILITY FOR RESIDUAL BIOMASS PRODUCTION AS RENEWABLE RESOURCES OF ENERGY IN SOUTH ITALY. Acta Horticulturae, 2013, , 129-132.                                                           | 0.2 | 6         |
| 39 | Fructose production by <i>Cynara cardunculus</i> inulin hydrolysis. Acta Horticulturae, 2016, , 309-314.                                                                                                            | 0.2 | 6         |
| 40 | The potential of <i>Cynara cardunculus</i> L. for phytoremediation of heavy metal in contaminated soils. Acta Horticulturae, 2016, , 127-138.                                                                       | 0.2 | 6         |
| 41 | INFLUENCE OF SHADING ON FLOWERING INDUCTION AND INULIN METABOLISM IN ROOTS OF <i>CYNARA CARDUNCULUS</i> L.. Acta Horticulturae, 2013, , 415-420.                                                                    | 0.2 | 6         |
| 42 | MORPHOLOGICAL, PRODUCTIVE AND ENERGETIC CHARACTERIZATION OF BRASSICA CARINATA IN CENTRAL, NORTH AND SOUTH AREAS OF ITALY. Acta Horticulturae, 2013, , 419-426.                                                      | 0.2 | 5         |
| 43 | Phytotoxicity of heavy metals in <i>Cynara cardunculus</i> L. growing in contaminated soil. Acta Horticulturae, 2016, , 119-126.                                                                                    | 0.2 | 5         |
| 44 | Healthy pasta production using inulin from cardoon: first results of sensory evaluation. Acta Horticulturae, 2016, , 407-412.                                                                                       | 0.2 | 5         |
| 45 | Dormancy-related genes isolation in <i>Cynara cardunculus</i> var. <i>sylvestris</i> . Acta Horticulturae, 2016, , 315-322.                                                                                         | 0.2 | 5         |
| 46 | BRASSICAS AND THEIR GLUCOSINOLATE CONTENT FOR THE BIOLOGICAL CONTROL OF ROOT-KNOT NEMATODES IN PROTECTED CULTIVATION. Acta Horticulturae, 2013, , 539-544.                                                          | 0.2 | 4         |
| 47 | ANTIOXIDANT COMPOUND CHANGES DURING COLD STORAGE OF MINIMALLY PROCESSED GLOBE ARTICHOKE HEADS. Acta Horticulturae, 2013, , 427-431.                                                                                 | 0.2 | 4         |
| 48 | CHARACTERIZATION OF THE <i>CYNARA</i> EUROPEAN GENETIC RESOURCES. Acta Horticulturae, 2012, , 89-93.                                                                                                                | 0.2 | 4         |
| 49 | INULIN AND WATER-SOLUBLE-SUGARS VARIATIONS IN <i>CYNARA</i> ROOTS DURING THE BIOLOGICAL CYCLE. Acta Horticulturae, 2007, , 475-481.                                                                                 | 0.2 | 3         |
| 50 | Reduction of browning of minimally processed artichoke hearts treated by GRAS molecules. Acta Horticulturae, 2016, , 237-242.                                                                                       | 0.2 | 3         |
| 51 | Characterization of a <i>MADS</i> Flowering Locus C-like (MFL) in <i>Cynara cardunculus</i> var. <i>altilis</i> under different sowing and planting density. Acta Horticulturae, 2016, , 301-308.                   | 0.2 | 3         |
| 52 | Evaluation of cadmium and arsenic effects on wild and cultivated cardoon genotypes selected for metal phytoremediation and bioenergy purposes. Environmental Science and Pollution Research, 2021, 28, 55102-55115. | 5.3 | 3         |
| 53 | DEVELOPMENT OF MODIFIED ATMOSPHERE PACKAGES ON THE QUALITY OF SICILIAN KALE (BRASSICA) Tj ETQq1 1 0.784314 rgBT /Ove                                                                                                | 0.2 | 3         |
| 54 | MORPHOLOGICAL, PRODUCTIVE AND ENERGETIC CHARACTERISATION OF BRASSICA NAPUS IN NORTH, CENTRAL AND SOUTH ITALY. Acta Horticulturae, 2013, , 411-418.                                                                  | 0.2 | 3         |

| #  | ARTICLE                                                                                                                                                                        | IF  | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | Cardoon ( <i>Cynara cardunculus</i> L. var. <i>altilis</i> ) seeds presscake: a natural by-product for pigs feeding. <i>Natural Product Research</i> , 2022, 36, 4551-4556.    | 1.8 | 3         |
| 56 | INFLUENCE OF COLD STORAGE AND WASHING TREATMENTS ON TOTAL POLYPHENOLS CONTENT IN GLOBE ARTICHOKE HEADS. <i>Acta Horticulturae</i> , 2012, , 391-394.                           | 0.2 | 2         |
| 57 | CHEMICAL CHARACTERIZATION OF CYNARA CARDUNCULUS VAR. ALTILIS BIOMASS WITH LOW ASHES CONTENT TO OBTAIN SOLID BIOFUEL. <i>Acta Horticulturae</i> , 2013, , 123-128.              | 0.2 | 2         |
| 58 | EVALUATION OF FATTY ACIDS COMPOSITION IN GRAIN OIL OF CARDOON ( <i>CYNARA CARDUNCULUS</i> L.). <i>Acta Horticulturae</i> , 2012, , 463-468.                                    | 0.2 | 1         |
| 59 | CHEMICAL CHARACTERIZATION OF THE ACHENES IN CYNARA CARDUNCULUS L. VAR. ALTILIS TO RECOVER OIL AND BIOCOMPOUNDS. <i>Acta Horticulturae</i> , 2013, , 103-107.                   | 0.2 | 1         |
| 60 | HEADS PRODUCTION IN FOUR GENOTYPES OF GLOBE ARTICHOKE PROPAGATED WITH DIFFERENT METHODS. <i>Acta Horticulturae</i> , 2013, , 355-361.                                          | 0.2 | 1         |
| 61 | PLANT ARCHITECTURE AND BIOMASS PARTITIONING VARIATION AS AFFECTED BY PLANT DENSITY IN CYNARA CARDUNCULUS L. VAR. SYLVESTRIS LAM.. <i>Acta Horticulturae</i> , 2007, , 149-156. | 0.2 | 1         |
| 62 | GRAIN YIELD AND COMPOSITION OF CYNARA CARDUNCULUS L. VAR. SYLVESTRIS LAM.. <i>Acta Horticulturae</i> , 2005, , 209-214.                                                        | 0.2 | 0         |
| 63 | Mapping of arid-cultural systems for biomass production with low energetic input in marginal areas. <i>Acta Horticulturae</i> , 2016, , 443-448.                               | 0.2 | 0         |