

# Paweł, Pałko

## List of Publications by Year in descending order

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Version: 2024-02-01

66  
papers

1,607  
citations

393982

19  
h-index

329751

37  
g-index

66  
all docs

66  
docs citations

66  
times ranked

2199  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Anthocyanins, total polyphenols and antioxidant activity in amaranth and quinoa seeds and sprouts during their growth. <i>Food Chemistry</i> , 2009, 115, 994-998.  | 4.2 | 314       |
| 2  | Total phenolic and total flavonoid content, antioxidant activity and sensory evaluation of pseudocereal breads. <i>LWT - Food Science and Technology</i> , 2012, 46, 548-555.   | 2.5 | 217       |
| 3  | Effect of Diet Supplemented with Quinoa Seeds on Oxidative Status in Plasma and Selected Tissues of High Fructose-Fed Rats. <i>Plant Foods for Human Nutrition</i> , 2010, 65, 146-151.   | 1.4 | 81        |
| 4  | Effect of Quinoa Seeds ( <i>Chenopodium quinoa</i> ) in Diet on some Biochemical Parameters and Essential Elements in Blood of High Fructose-Fed Rats. <i>Plant Foods for Human Nutrition</i> , 2010, 65, 333-338.  | 1.4 | 59        |
| 5  | Enantioselective activity of usnic acid: a comprehensive review and future perspectives. <i>Phytochemistry Reviews</i> , 2019, 18, 527-548.   | 3.1 | 52        |
| 6  | Zinc and Propolis Reduces Cytotoxicity and Proliferation in Skin Fibroblast Cell Culture: Total Polyphenol Content and Antioxidant Capacity of Propolis. <i>Biological Trace Element Research</i> , 2014, 160, 123-131.                                   | 1.9 | 47        |
| 7  | Selenium Supplementation of Amaranth Sprouts Influences Betacyanin Content and Improves Anti-Inflammatory Properties via NF- $\kappa$ B in Murine RAW 264.7 Macrophages. <i>Biological Trace Element Research</i> , 2016, 169, 320-330.                   | 1.9 | 46        |
| 8  | Comparative Study of Predominant Phytochemical Compounds and Proapoptotic Potential of Broccoli Sprouts and Florets. <i>Plant Foods for Human Nutrition</i> , 2018, 73, 95-100.   | 1.4 | 40        |
| 9  | Second generation H1 - antihistamines interaction with food and alcohol—A systematic review. <i>Biomedicine and Pharmacotherapy</i> , 2017, 93, 27-39.  | 2.5 | 38        |
| 10 | Partial characterization of a new kind of Chilean Murtilla-like berries. <i>Food Research International</i> , 2011, 44, 2054-2062.  | 2.9 | 35        |
| 11 | Rutabaga ( <i>Brassica napus</i> L. var. <i>napobrassica</i> ) Seeds, Roots, and Sprouts: A Novel Kind of Food with Antioxidant Properties and Proapoptotic Potential in Hep G2 Hepatoma Cell Line. <i>Journal of Medicinal Food</i> , 2013, 16, 749-759. | 0.8 | 35        |
| 12 | Plasma fatty acid profile in multiple myeloma patients. <i>Leukemia Research</i> , 2015, 39, 400-405.   | 0.4 | 35        |
| 13 | Levothyroxine Interactions with Food and Dietary Supplements—A Systematic Review. <i>Pharmaceuticals</i> , 2021, 14, 206.   | 1.7 | 31        |
| 14 | Identification of Predominant Phytochemical Compounds and Cytotoxic Activity of Wild Olive Leaves ( <i>Olea europaea</i> L. ssp. <i>sylvestris</i> ) Harvested in South Portugal. <i>Chemistry and Biodiversity</i> , 2017, 14, e1600331.                 | 1.0 | 29        |
| 15 | Bioactivity and cytotoxicity of different species of pitaya fruits — A comparative study with advanced chemometric analysis. <i>Food Bioscience</i> , 2021, 40, 100888.   | 2.0 | 29        |
| 16 | Does selenium fortification of kale and kohlrabi sprouts change significantly their biochemical and cytotoxic properties?. <i>Journal of Trace Elements in Medicine and Biology</i> , 2020, 59, 126466.   | 1.5 | 28        |
| 17 | Management of Dementia-Related Psychosis, Agitation and Aggression: A Review of the Pharmacology and Clinical Effects of Potential Drug Candidates. <i>CNS Drugs</i> , 2020, 34, 243-268.   | 2.7 | 27        |
| 18 | Effect of amaranth seeds in diet on oxidative status in plasma and selected tissues of high fructose-fed rats. <i>Food Chemistry</i> , 2011, 126, 85-90.  | 4.2 | 23        |

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|----|--|-----|-----------|
| 19 | Cytotoxic, antioxidant and binding properties of polyphenols from the selected gluten-free pseudocereals and their by-products: In vitro model. <i>Journal of Cereal Science</i> , 2019, 87, 325-333.  | 1.8 | 20        |
| 20 | Procedure optimization for extracting short-chain fatty acids from human faeces. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 124, 337-340.  | 1.4 | 19        |
| 21 | Dragon Fruits as a Reservoir of Natural Polyphenolics with Chemopreventive Properties. <i>Molecules</i> , 2021, 26, 2158.  | 1.7 | 19        |
| 22 | Influence of selenium supplementation on fatty acids profile and biological activity of four edible amaranth sprouts as new kind of functional food. <i>Journal of Food Science and Technology</i> , 2015, 52, 4724-4736.  | 1.4 | 18        |
| 23 | Mammary cancer risk and serum lipid profile of rats supplemented with pomegranate seed oil and bitter melon extract. <i>Prostaglandins and Other Lipid Mediators</i> , 2019, 142, 33-45.   | 1.0 | 17        |
| 24 | Fecal Levels of Lactic, Succinic and Short-Chain Fatty Acids in Patients with Ulcerative Colitis and Crohn Disease: A Pilot Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 4701.   | 1.0 | 17        |
| 25 | A short review of drug–food interactions of medicines treating overactive bladder syndrome. <i>International Journal of Clinical Pharmacy</i> , 2016, 38, 1350-1356.   | 1.0 | 16        |
| 26 | Interaction between iodine and glucosinolates in rutabaga sprouts and selected biomarkers of thyroid function in male rats. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 46, 110-116.  | 1.5 | 16        |
| 27 | Optimal Dosing Regimen of Osteoporosis Drugs in Relation to Food Intake as the Key for the Enhancement of the Treatment Effectiveness—A Concise Literature Review. <i>Foods</i> , 2021, 10, 720.   | 1.9 | 16        |
| 28 | Effect of broccoli sprouts on thyroid function, haematological, biochemical, and immunological parameters in rats with thyroid imbalance. <i>Biomedicine and Pharmacotherapy</i> , 2018, 97, 82-90.  | 2.5 | 14        |
| 29 | Influence of different light conditions and time of sprouting on harmful and beneficial aspects of rutabaga sprouts in comparison to their roots and seeds. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 302-308.                           | 1.7 | 14        |
| 30 | Interactions between medications employed in treating benign prostatic hyperplasia and food – A short review. <i>Biomedicine and Pharmacotherapy</i> , 2016, 83, 1141-1145.  | 2.5 | 12        |
| 31 | Association between Fecal Short-Chain Fatty Acid Levels, Diet, and Body Mass Index in Patients with Inflammatory Bowel Disease. <i>Biology</i> , 2022, 11, 108.  | 1.3 | 12        |
| 32 | <i>Punica granatum</i> (Pomegranate) Seed Oil and <i>Momordica charantia</i> (Bitter Melon) Extract Affect the Lipid's Profile and Oxidative Stability of Femoral Muscles of Rats. <i>European Journal of Lipid Science and Technology</i> , 2019, 121, 1800420. | 1.0 | 11        |
| 33 | HPLC-DAD method for the quantitative determination of short-chain fatty acids in meconium samples. <i>Microchemical Journal</i> , 2020, 155, 104671.   | 2.3 | 11        |
| 34 | A Comparative Survey of Anti-Melanoma and Anti-Inflammatory Potential of Usnic Acid Enantiomers—A Comprehensive In Vitro Approach. <i>Pharmaceuticals</i> , 2021, 14, 945.   | 1.7 | 11        |
| 35 | Varied effect of fortification of kale sprouts with novel organic selenium compounds on the synthesis of sulphur and phenolic compounds in relation to cytotoxic, antioxidant and anti-inflammatory activity. <i>Microchemical Journal</i> , 2022, 179, 107509.  | 2.3 | 11        |
| 36 | Effect of amaranth seeds ( <i>Amaranthus cruentus</i> ) in the diet on some biochemical parameters and essential trace elements in blood of high fructose-fed rats. <i>Natural Product Research</i> , 2011, 25, 844-849.   | 1.0 | 10        |

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|----|--|-----|-----------|
| 37 | Serotonin, melatonin, and certain indole derivatives profiles in rutabaga and kohlrabi seeds, sprouts, bulbs, and roots. <i>LWT - Food Science and Technology</i> , 2014, 59, 740-745.                     | 2.5 | 10        |
| 38 | Glycolytic genes expression, proapoptotic potential in relation to the total content of bioactive compounds in durian fruits. <i>Food Research International</i> , 2019, 125, 108563.                      | 2.9 | 10        |
| 39 | Unraveling the Antioxidant, Binding and Health-Protecting Properties of Phenolic Compounds of Beers with Main Human Serum Proteins: In Vitro and In Silico Approaches. <i>Molecules</i> , 2020, 25, 4962.  | 1.7 | 10        |
| 40 | Selective Cytotoxicity of Complexes with N,N,N-Donor Dipodal Ligand in Tumor Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1802.   | 1.8 | 10        |
| 41 | Health Promoting vs Anti-nutritive Aspects of Kohlrabi Sprouts, a Promising Candidate for Novel Functional Food. <i>Plant Foods for Human Nutrition</i> , 2021, 76, 76-82.                                 | 1.4 | 10        |
| 42 | Determination of Essential Minerals and Trace Elements in Edible Sprouts from Different Botanical Families—Application of Chemometric Analysis. <i>Foods</i> , 2022, 11, 371.                              | 1.9 | 10        |
| 43 | Evaluation of antioxidant activity of amaranth ( <i>Amaranthus cruentus</i> ) grain and by-products (flour, Tj ETQq1 1 0.784314 rgBT /Overl  | 0.5 | 10        |
| 44 | Effect of Food and Dosing Regimen on Safety and Efficacy of Proton Pump Inhibitors Therapy—A Literature Review. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3527. | 1.2 | 9         |
| 45 | (+)-Usnic Acid as a Promising Candidate for a Safe and Stable Topical Photoprotective Agent. <i>Molecules</i> , 2021, 26, 5224.  | 1.7 | 9         |
| 46 | Synthesis of novel organic selenium compounds and speciation of their metabolites in biofortified kale sprouts. <i>Microchemical Journal</i> , 2022, 172, 106962.  | 2.3 | 9         |
| 47 | Anti-inflammatory activities of garlic sprouts, a source of $\hat{\pm}$ -linolenic acid and 5-hydroxy-l-tryptophan, in RAW 264.7 cells. <i>Acta Biochimica Polonica</i> , 2017, 64, 551-559.               | 0.3 | 8         |
| 48 | Animals in Iodine Deficiency or Sulfadimethoxine Models of Thyroid Damage Are Differently Affected by the Consumption of Brassica Sprouts. <i>Biological Trace Element Research</i> , 2020, 193, 204-213.  | 1.9 | 8         |
| 49 | Optimization of usnic acid extraction conditions using fractional factorial design. <i>Lichenologist</i> , 2020, 52, 397-401.  | 0.5 | 8         |
| 50 | A Review of Probiotic Supplementation and Feasibility of Topical Application for the Treatment of Pediatric Atopic Dermatitis. <i>Current Pharmaceutical Biotechnology</i> , 2018, 19, 827-838.            | 0.9 | 7         |
| 51 | Arsenic, cadmium, lead and thallium in coal ash from individual household furnaces. <i>Journal of Material Cycles and Waste Management</i> , 2021, 23, 1801-1809.  | 1.6 | 6         |
| 52 | Influence of brassica sprouts on short chain fatty acids concentration in stools of rats with thyroid dysfunction. <i>Acta Poloniae Pharmaceutica</i> , 2019, 76, 1005-1014.                               | 0.3 | 6         |
| 53 | Voltammetric Determination of Zinc, Copper, and Selenium in Selected Raw Plant Material. <i>Analytical Letters</i> , 2011, 44, 2347-2356.  | 1.0 | 5         |
| 54 | Identification of lipid derivatives in Hep G2 cells. <i>Acta Biochimica Polonica</i> , 2013, 60, 811-5.  | 0.3 | 5         |

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|----|---|-----|-----------|
| 55 | In the Search for Novel, Isoflavone-Rich Functional Foods—Comparative Studies of Four Clover Species Sprouts and Their Chemopreventive Potential for Breast and Prostate Cancer. <i>Pharmaceuticals</i> , 2022, 15, 806.            | 1.7 | 5         |
| 56 | Multidirectional anti-melanoma effect of galactolipids (MGDG-1 and DGDG-1) from <i>Impatiens parviflora</i> DC. and their synergy with doxorubicin. <i>Toxicology in Vitro</i> , 2021, 76, 105231.                                  | 1.1 | 4         |
| 57 | Alterations in serum levels of selected markers of oxidative imbalance in adult celiac patients with extraintestinal manifestations - pilot study. <i>Polish Archives of Internal Medicine</i> , 2017, 127, 532-539.                | 0.3 | 4         |
| 58 | Antimelanoma Potential of <i>Cladonia mitis</i> Acetone Extracts – Comparative <i>in Vitro</i> Studies in Relation to Usnic Acid Content. <i>Chemistry and Biodiversity</i> , 2022, 19, .   | 1.0 | 3         |
| 59 | The Impact of Kohlrabi Sprouts on Various Thyroid Parameters in Iodine Deficiency- and Sulfadimethoxine-Induced Hypothyroid Rats. <i>Nutrients</i> , 2022, 14, 2802.  | 1.7 | 3         |
| 60 | ANTAZOLINE RENAISSANCE IN THE TREATMENT OF CARDIAC ARRHYTHMIA: A REVIEW. <i>Acta Poloniae Pharmaceutica</i> , 2020, 77, 209-219.  | 0.3 | 2         |
| 61 | Supplements (Vitamins, Minerals, and Micronutrients). , 2019, , .   |     | 1         |
| 62 | Drugs and Food Interactions: Food—Drug Interactions Among the Elderly: Risk Assessment and Recommendations for Patients. , 2019, , 107-107.   |     | 1         |
| 63 | UHPLC-PDA-ESI-MS profile of phenolic compounds in the aerial parts of <i>Cuphea ingrata</i> Cham. & Schltld.. <i>Natural Product Research</i> , 2022, 36, 3721-3725.  | 1.0 | 1         |
| 64 | Supplementation during pregnancy according to the most recent recommendations of the Polish Society of Gynecologists and Obstetricians. <i>Farmacja Polska</i> , 2021, 77, 40-47.   | 0.1 | 1         |
| 65 | Serum levels of selected micronutrients in patients with inflammatory bowel disease in clinical remission. <i>Polish Archives of Internal Medicine</i> , 2021, 131, 701-708.  | 0.3 | 1         |
| 66 | Wpływ suplementacji diety selenem na przebieg autoimmunologicznego zapalenia tarczycy – przegląd badań klinicznych przeprowadzonych w populacji europejskiej. <i>Postępy Higieny i Medycyny Doswiadczalnej</i> , 2021, 75, 683-695. | 0.1 | 1         |