

# Arkadiusz Kozubek

## List of Publications by Year in descending order

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73  
papers

2,388  
citations

218592

26  
h-index

214721

47  
g-index

74  
all docs

74  
docs citations

74  
times ranked

2544  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Anacardic acid enhances the anticancer activity of liposomal mitoxantrone towards melanoma cell lines &ndash; in vitro studies. <i>International Journal of Nanomedicine</i> , 2014, 9, 653.                   | 3.3 | 20        |
| 2  | Phenolic Lipids Affect the Activity and Conformation of Acetylcholinesterase from <i>Electrophorus electricus</i> (Electric eel). <i>Nutrients</i> , 2014, 6, 1823-1831.                                       | 1.7 | 6         |
| 3  | Searching for new derivatives of neocryptolepine: Synthesis, antiproliferative, antimicrobial and antifungal activities. <i>European Journal of Medicinal Chemistry</i> , 2014, 78, 304-313.                   | 2.6 | 29        |
| 4  | Various effects of the photosystem II &acirc; inhibiting herbicides on 5-n-alkylresorcinol accumulation in rye seedlings. <i>Pesticide Biochemistry and Physiology</i> , 2014, 116, 56-62.                     | 1.6 | 3         |
| 5  | Efficient Human Breast Cancer Xenograft Regression after a Single Treatment with a Novel Liposomal Formulation of Epirubicin Prepared Using the EDTA Ion Gradient Method. <i>PLoS ONE</i> , 2014, 9, e91487.   | 1.1 | 18        |
| 6  | Alkylresorcinols in rye ( <i>Secale cereale</i> L.) grains. V. Chromatographic analysis of 5-n-alk(en)ylresorcinols during their preparation. <i>Acta Societatis Botanicorum Poloniae</i> , 2014, 50, 637-643. | 0.8 | 12        |
| 7  | Alkylresorcinols in the family Fabaceae. <i>Acta Societatis Botanicorum Poloniae</i> , 2014, 70, 25-29.  | 0.8 | 9         |
| 8  | Vitamin C-driven epirubicin loading into liposomes. <i>International Journal of Nanomedicine</i> , 2013, 8, 3573.  | 3.3 | 26        |
| 9  | Membrane Perturbations Induced by New Analogs of Neocryptolepine. <i>Biological and Pharmaceutical Bulletin</i> , 2012, 35, 1432-1439.   | 0.6 | 29        |
| 10 | Coralwood ( <i>Adenanthera pavonina</i> L.) Seeds and Their Protective Effect. , 2011, , 389-394.  |     | 0         |
| 11 | Dual effect of free and liposomal forms of phenolic lipids on the activity of GPI-anchor-deprived acetylcholinesterase from erythrocytes. <i>Food Chemistry</i> , 2011, 125, 508-512.                          | 4.2 | 3         |
| 12 | Health Benefits of Peanut ( <i>Arachis hypogaea</i> L.) Seeds and Peanut Oil Consumption. , 2011, , 873-880.   |     | 24        |
| 13 | Biological activity of phenolic lipids. <i>Cellular and Molecular Life Sciences</i> , 2010, 67, 841-860.   | 2.4 | 209       |
| 14 | The encapsulation of idarubicin within liposomes using the novel EDTA ion gradient method ensures improved drug retention in vitro and in vivo. <i>Journal of Controlled Release</i> , 2010, 146, 68-75.       | 4.8 | 54        |
| 15 | Resorcinolic lipids improve the properties of sphingomyelin&acirc; cholesterol liposomes. <i>Chemistry and Physics of Lipids</i> , 2010, 163, 648-654.   | 1.5 | 9         |
| 16 | Cycloate, an inhibitor of fatty acid elongase, modulates the metabolism of very&acirc;long&acirc;side&acirc;chain alkylresorcinols in rye seedlings. <i>Pest Management Science</i> , 2009, 65, 1065-1070.     | 1.7 | 11        |
| 17 | Antioxidant activity of rye bran alkylresorcinols and extracts from whole-grain cereal products. <i>Food Chemistry</i> , 2009, 116, 1013-1018.   | 4.2 | 43        |
| 18 | Disturb or Stabilize? A Molecular Dynamics Study of the Effects of Resorcinolic Lipids on Phospholipid Bilayers. <i>Biophysical Journal</i> , 2009, 96, 3140-3153.   | 0.2 | 19        |

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|----|---|-----|-----------|
| 19 | An improved colorimetric method for the determination of alkylresorcinols in cereals and whole-grain cereal products. <i>Journal of Food Composition and Analysis</i> , 2008, 21, 428-434.                        | 1.9 | 25        |
| 20 | Inhibitory effect of some natural and semisynthetic phenolic lipids upon acetylcholinesterase activity. <i>Food Chemistry</i> , 2008, 108, 996-1001.  | 4.2 | 45        |
| 21 | QUANTITATIVE DETERMINATION OF ALKYLRESORCINOLS IN CEREAL GRAINS: INDEPENDENCE OF THE LENGTH OF THE ALIPHATIC SIDE CHAIN. <i>Journal of Food Lipids</i> , 2008, 15, 251-262.                                       | 0.9 | 19        |
| 22 | Membrane perturbing properties of natural phenolic and resorcinolic lipids. <i>FEBS Letters</i> , 2008, 582, 3607-3613.   | 1.3 | 30        |
| 23 | Liposomal Formulation of DIMIQ, Potential Antitumor Indolo[2,3- <i>b</i> ]Quinoline Agent and Its Cytotoxicity on Hepatoma Morris 5123 Cells. <i>Drug Delivery</i> , 2008, 15, 49-56.                             | 2.5 | 31        |
| 24 | Alkylresorcinols in Selected Polish Rye and Wheat Cereals and Whole-Grain Cereal Products. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 7236-7242.   | 2.4 | 61        |
| 25 | A Semisynthetic 5-n-Alkylresorcinol Derivative and its Effect upon Biomembrane Properties. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2007, 62, 881-888.                          | 0.6 | 2         |
| 26 | Effect of Norflurazon on Resorcinolic Lipid Metabolism in Rye Seedlings. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2007, 62, 239-245.  | 0.6 | 5         |
| 27 | Does isoprene protect plant membranes from thermal shock? A molecular dynamics study. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007, 1768, 198-206.  | 1.4 | 93        |
| 28 | In vitro Antimicrobial Activity of Liposomes Containing Ciprofloxacin, Meropenem and Gentamicin Against Gram-Negative Clinical Bacterial Strains. <i>Letters in Drug Design and Discovery</i> , 2007, 4, 297-304. | 0.4 | 38        |
| 29 | Action of benzimidazole fungicides on resorcinolic lipid metabolism in rye seedlings depends on thermal and light growth conditions. <i>Pesticide Biochemistry and Physiology</i> , 2007, 88, 219-225.            | 1.6 | 25        |
| 30 | Isolation of Alkylresorcinols: Classical and Supercritical CO <sub>2</sub> Extraction Methods. <i>ACS Symposium Series</i> , 2006, , 51-61.   | 0.5 | 1         |
| 31 | In vitro antimicrobial activity of liposomal meropenem against <i>Pseudomonas aeruginosa</i> strains. <i>International Journal of Pharmaceutics</i> , 2006, 315, 59-66.   | 2.6 | 52        |
| 32 | A simply and sensitive fluorometric method for determination of gentamicin in liposomal suspensions. <i>International Journal of Pharmaceutics</i> , 2006, 327, 104-109.  | 2.6 | 45        |
| 33 | A comparison of the in vitro antimicrobial activity of liposomes containing meropenem and gentamicin. <i>Cellular and Molecular Biology Letters</i> , 2006, 11, 360-75.   | 2.7 | 41        |
| 34 | Emulsions of oil from <i>Adenanthera pavonina</i> L. seeds and their protective effect. <i>Cellular and Molecular Biology Letters</i> , 2006, 11, 438-48.   | 2.7 | 22        |
| 35 | Pharmacokinetic Modulation with Particulate Drug Formulations. , 2006, , 113-138.   |     | 2         |
| 36 | Application of supercritical carbon dioxide for the extraction of alkylresorcinols from rye bran. <i>Journal of Supercritical Fluids</i> , 2005, 35, 220-226.   | 1.6 | 26        |

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|----|---|-----|-----------|
| 37 | Bioactive Phenolic Lipids. ChemInform, 2005, 36, no.  | 0.1 | 0         |
| 38 | Bioactive Phenolic Lipids. Studies in Natural Products Chemistry, 2005, 30, 111-190.  | 0.8 | 22        |
| 39 | Extraction of Rye Bran by Supercritical Carbon Dioxide: Influence of Temperature, CO <sub>2</sub> , and Cosolvent Flow Rates. Journal of Agricultural and Food Chemistry, 2005, 53, 7432-7437.                    | 2.4 | 13        |
| 40 | Repeated injections of PEG-PE liposomes generate anti-PEG antibodies. Cellular and Molecular Biology Letters, 2005, 10, 37-47.  | 2.7 | 84        |
| 41 | Biological evaluation of omega-(dialkylamino)alkyl derivatives of 6H-indolo[2,3-b]quinoline--novel cytotoxic DNA topoisomerase II inhibitors. Anticancer Research, 2005, 25, 2857-68.                             | 0.5 | 26        |
| 42 | The Effect of Alkylresorcinol on Lipid Metabolism in Azotobacter chroococcum. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2004, 59, 393-398.   | 0.6 | 7         |
| 43 | The Oil of Adenanthera pavonina L. Seeds and its Emulsions. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2004, 59, 321-326.   | 0.6 | 22        |
| 44 | 5-n-Alkylresorcinols from the Nitrogen-fixing Soil Bacterium Azotobacter chroococcum Az12. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2004, 59, 318-320.                                  | 0.6 | 1         |
| 45 | Inhibitory Effect of Natural Phenolic Lipids upon NAD-Dependent Dehydrogenases and on Triglyceride Accumulation in 3T3-L1 Cells in Culture. Journal of Agricultural and Food Chemistry, 2004, 52, 246-250.        | 2.4 | 44        |
| 46 | The effect of merulinic acid on biomembranes. Biochimica Et Biophysica Acta - Biomembranes, 2004, 1667, 215-221.  | 1.4 | 19        |
| 47 | Cereal Alkylresorcinols Elevate $\hat{\beta}$ -Tocopherol Levels in Rats and Inhibit $\hat{\beta}$ -Tocopherol Metabolism In Vitro. Journal of Nutrition, 2004, 134, 506-510.                                     | 1.3 | 85        |
| 48 | Liposomal formulation of idarubicin. Acta Poloniae Pharmaceutica, 2003, 60, 138-40.   | 0.3 | 3         |
| 49 | Liposome-encapsulated carbapenems. Cellular and Molecular Biology Letters, 2002, 7, 281.  | 2.7 | 2         |
| 50 | Formation of liposomes by resorcinolic lipids, single-chain phenolic amphiphiles from Anacardium occidentale L.. Biochimica Et Biophysica Acta - Biomembranes, 2001, 1513, 75-81.                                 | 1.4 | 27        |
| 51 | Suppression of Radical-Induced Lipid Peroxidation in a Model System by Alkyl Esters of Cinnamate Quaternary Ammonium Salts. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2001, 56, 878-885. | 0.6 | 9         |
| 52 | Alkylresorcinols in Fruit Pulp and Leaves of Ginkgo biloba L.. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2000, 55, 881-885.  | 0.6 | 16        |
| 53 | Higher cardol homologs (5-alkylresorcinols) in rye seedlings. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2000, 1483, 241-250.  | 1.2 | 31        |
| 54 | Alkylresorcinol Homologs in Pisum sativum L. Varieties. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 1999, 54, 44-48.   | 0.6 | 19        |

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|----|---|------|-----------|
| 55 | Resorcinolic Lipids, the Natural Non-isoprenoid Phenolic Amphiphiles and Their Biological Activity. <i>Chemical Reviews</i> , 1999, 99, 1-26.   | 23.0 | 506       |
| 56 | Dual effect of alkylresorcinols, natural amphiphilic compounds, upon liposomal permeability. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1999, 1418, 253-260.   | 1.4  | 31        |
| 57 | Quantum Mechanical and Experimental Oxidation Studies of Pentadecylresorcinol, Olivetol, Orcinol and Resorcinol. <i>Free Radical Research</i> , 1998, 28, 359-368.  | 1.5  | 43        |
| 58 | Antimutagenic activity of alkylresorcinols from cereal grains. <i>Cancer Letters</i> , 1996, 106, 109-115.  | 3.2  | 52        |
| 59 | Alkylresorcinols are abundant lipid components in different strains of <i>Azotobacter chroococcum</i> and <i>Pseudomonas</i> spp. <i>Journal of Bacteriology</i> , 1996, 178, 4027-4030.  | 1.0  | 30        |
| 60 | Cereal grain resorcinolic lipids: mono and dienoic homologues are present in rye grains. <i>Chemistry and Physics of Lipids</i> , 1995, 78, 29-35.  | 1.5  | 53        |
| 61 | Fusiogenic Activity of Natural Amphiphiles, 5-n-Alkylresorcinols in a Yeast Protoplast System. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 1995, 50, 656-659.                                    | 0.6  | 4         |
| 62 | Isolation of Resorcinolic Lipids from Cereal Grain Extracts by Use of a Non-Aqueous Bi-Phasic Solvent System. <i>Natural Product Research</i> , 1995, 7, 123-128.   | 0.4  | 3         |
| 63 | Does the Nuclear Matrix Endonuclease Show Specificity towards DNA Topoisomers?. <i>Journal of Plant Physiology</i> , 1993, 141, 172-175.  | 1.6  | 1         |
| 64 | Does a Prototype Scaffold/Matrix-Attached Region (SAR Sequence) Affect Intrinsic Nuclear Matrix Endonuclease Specificity?. <i>Journal of Plant Physiology</i> , 1993, 141, 668-672.   | 1.6  | 2         |
| 65 | Modulation of the Activities of Membrane Enzymes by Cereal Grain Resorcinolic Lipids. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 1992, 47, 41-46.   | 0.6  | 23        |
| 66 | Cereal Grain Alk(en)ylresorcinols Protect Lipids against Ferrous Ions-Induced Peroxidation. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 1992, 47, 47-50.   | 0.6  | 20        |
| 67 | Calorimetric Study On The Interactions Of 5-n-Heptadec(en)ylresorcinols From Cereal Grains With Zwitterionic Phospholipid (DPPC). <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 1991, 46, 423-427. | 0.6  | 9         |
| 68 | The effect of nonadec(en)ylresorcinol on the fluidity of liposome and erythrocyte membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1988, 944, 465-472.  | 1.4  | 29        |
| 69 | Effect of Resorcinols on Electron Transport in Pea Chloroplasts. , 1987, , 585-587.   |      | 5         |
| 70 | Higher Cardol Homologues (5-Alkenylresorcinols) from Rye Affect the Red Cell Membrane-Water Transport. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 1985, 40, 80-84.                              | 0.6  | 13        |
| 71 | Haemolytic Properties of Cereal 5-n-Alk(en)ylresorcinols. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 1984, 39, 1132-1136.   | 0.6  | 14        |
| 72 | Thin-layer chromatographic mapping of 5-n-alk(en)ylresorcinol homologues from cereal grains. <i>Journal of Chromatography A</i> , 1984, 295, 304-307.   | 1.8  | 20        |

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|----|---|-----|-----------|
| 73 | Separation of 5-N-alkylresorcinols by reversed-phase high-performance liquid chromatography. Journal of Chromatography A, 1979, 169, 422-425. | 1.8 | 13        |