

Andreas Tsakalof

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

2,622
citations

186209

28
h-index

189801

50
g-index

71
all docs

71
docs citations

71
times ranked

3820
citing authors

#	ARTICLE	IF	CITATIONS
1	Superhydrophobic Composite Films Produced on Various Substrates. <i>Langmuir</i> , 2008, 24, 11225-11232.	1.6	242
2	Systematic review of biomonitoring studies to determine the association between exposure to organophosphorus and pyrethroid insecticides and human health outcomes. <i>Toxicology Letters</i> , 2012, 210, 155-168.	0.4	229
3	Fabrication of super-hydrophobic surfaces for enhanced stone protection. <i>Surface and Coatings Technology</i> , 2009, 203, 1322-1328.	2.2	147
4	Assessment of synthetic polymeric coatings for the protection and preservation of stone monuments. <i>Journal of Cultural Heritage</i> , 2007, 8, 69-72.	1.5	137
5	Superhydrophobic films for the protection of outdoor cultural heritage assets. <i>Applied Physics A: Materials Science and Processing</i> , 2009, 97, 351-360.	1.1	137
6	The dietary flavonoid kaempferol effectively inhibits HIF-1 activity and hepatoma cancer cell viability under hypoxic conditions. <i>Biochemical and Biophysical Research Communications</i> , 2010, 398, 74-78.	1.0	105
7	Cobalt induces hypoxia-inducible factor-1 α (HIF-1 α) in HeLa cells by an iron-independent, but ROS-, PI-3K- and MAPK-dependent mechanism. <i>Free Radical Research</i> , 2006, 40, 847-856.	1.5	102
8	In vivo evaluation of CYP1A2, CYP2A6, NAT-2 and xanthine oxidase activities in a Greek population sample by the RP-HPLC monitoring of caffeine metabolic ratios. <i>Biomedical Chromatography</i> , 2007, 21, 190-200.	0.8	82
9	Flavonoids induce HIF-1 α but impair its nuclear accumulation and activity. <i>Free Radical Biology and Medicine</i> , 2008, 44, 657-670.	1.3	75
10	Risk Factors for Contamination of Hotel Water Distribution Systems by Legionella Species. <i>Applied and Environmental Microbiology</i> , 2007, 73, 1489-1492.	1.4	69
11	Analytical Methods of Biological Monitoring for Exposure to Pesticides: Recent Update. <i>Therapeutic Drug Monitoring</i> , 2007, 29, 150-163.	1.0	63
12	Polymer-Silica nanoparticles composite films as protective coatings for stone-based monuments. <i>Journal of Physics: Conference Series</i> , 2007, 61, 1361-1365.	0.3	61
13	Target Analysis of Volatile Organic Compounds in Exhaled Breath for Lung Cancer Discrimination from Other Pulmonary Diseases and Healthy Persons. <i>Metabolites</i> , 2020, 10, 317.	1.3	59
14	Hypospadias in offspring is associated with chronic exposure of parents to organophosphate and organochlorine pesticides. <i>Toxicology Letters</i> , 2014, 230, 139-145.	0.4	56
15	Assessment of the antioxidant and antimutagenic activity of extracts from goji berry of Greek cultivation. <i>Toxicology Reports</i> , 2018, 5, 251-257.	1.6	54
16	Chemical Properties, Fatty-Acid Composition, and Antioxidant Activity of Goji Berry (<i>Lycium barbarum</i>)	2.2	53
17	Development and application of LC-APCI-MS method for biomonitoring of animal and human exposure to imidacloprid. <i>Chemosphere</i> , 2013, 93, 2612-2620.	4.2	48
18	Increased levels of oxidative DNA damage in pesticide sprayers in Thessaly Region (Greece). Implications of pesticide exposure. <i>Science of the Total Environment</i> , 2014, 496, 358-364.	3.9	46

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19	Dermal & inhalation exposure of operators during fungicide application in vineyards. Evaluation of overall performance. <i>Science of the Total Environment</i> , 2014, 470-471, 282-289.	3.9	45
20	The flavonoid quercetin induces hypoxia-inducible factor-1 α (HIF-1 α) and inhibits cell proliferation by depleting intracellular iron. <i>Free Radical Research</i> , 2007, 41, 342-356.	1.5	44
21	From Byzantine to post-Byzantine art: the painting technique of St Stephen's wall paintings at Meteora, Greece. <i>Journal of Archaeological Science</i> , 2008, 35, 2474-2485.	1.2	44
22	Identification of Red Natural Dyes in Post-Byzantine Icons by HPLC. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2005, 28, 739-749.	0.5	43
23	Simple and Reliable HPLC Method for the Monitoring of Methotrexate in Osteosarcoma Patients. <i>Journal of Chromatographic Science</i> , 2014, 52, 590-595.	0.7	41
24	Biomonitoring of organophosphate exposure of pesticide sprayers and comparison of exposure levels with other population groups in Thessaly (Greece). <i>Occupational and Environmental Medicine</i> , 2014, 71, 126-133.	1.3	40
25	Acute poisoning with carbamate pesticides: the Cretan experience. <i>Science and Justice - Journal of the Forensic Science Society</i> , 1996, 36, 35-39.	1.3	37
26	Optimization of ultrasound assisted extraction of goji berry (<i>Lycium barbarum</i>) fruits and evaluation of extracts' bioactivity. <i>Journal of Food Process Engineering</i> , 2017, 40, e12522.	1.5	36
27	Hair analysis used to assess chronic exposure to the organophosphate diazinon: a model study with rabbits. <i>Human and Experimental Toxicology</i> , 2003, 22, 159-164.	1.1	34
28	The Byzantine wall paintings from the Protaton Church on Mount Athos, Greece: tradition and science. <i>Journal of Archaeological Science</i> , 2007, 34, 1971-1984.	1.2	33
29	The in vitro antimicrobial activity assessment of ultrasound assisted <i>Lycium barbarum</i> fruit extracts and pomegranate fruit peels. <i>Journal of Food Measurement and Characterization</i> , 2019, 13, 2017-2031.	1.6	30
30	Serum levels of organochlorine pesticides in the general population of Thessaly, Greece, determined by HS-SPME GC-MS method. <i>Environmental Research</i> , 2016, 148, 318-321.	3.7	28
31	Development of a liquid chromatography-mass spectrometry method for monitoring the angiotensin-converting enzyme inhibitor lisinopril in serum. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 783, 425-432.	1.2	27
32	Development of GC-MS/MS method with programmable temperature vaporization large volume injection for monitoring of 17 β -estradiol and 2-methoxyestradiol in plasma. <i>Analytica Chimica Acta</i> , 2012, 709, 73-80.	2.6	23
33	The analysis of methomyl, a carbamate pesticide, in post-mortem samples. <i>Science and Justice - Journal of the Forensic Science Society</i> , 1996, 36, 41-45.	1.3	20
34	Monitoring Aflatoxin M1 levels in ewe's and goat's milk in Thessaly, Greece; potential risk factors under organic and conventional production schemes. <i>Food Control</i> , 2013, 34, 241-248.	2.8	20
35	Spatial and temporal distribution of p,p'-DDE (1,1-dichloro-2,2-bis (4-chlorophenyl) ethylene) blood levels across the globe. A systematic review and meta-analysis. <i>Science of the Total Environment</i> , 2019, 686, 440-451.	3.9	20
36	Assessment of PCBs exposure in human hair using double focusing high resolution mass spectrometry and single quadrupole mass spectrometry. <i>Toxicology Letters</i> , 2012, 210, 225-231.	0.4	19

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37	Increased Frequency of Rheumatoid Arthritis and Allergic Rhinitis among Pesticide Sprayers and Associations with Pesticide Use. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 865.	1.2	18
38	Preincisional single-dose ceftriaxone for the prophylaxis of surgical wound infection. <i>American Journal of Surgery</i> , 1995, 170, 353-355.	0.9	17
39	Investigation of the chemical profile and cytotoxicity evaluation of organic components eluted from pit and fissure sealants. <i>Food and Chemical Toxicology</i> , 2018, 120, 536-543.	1.8	17
40	Pitfalls in drying oils identification in art objects by gas chromatography. <i>Journal of Separation Science</i> , 2006, 29, 1642-1646.	1.3	16
41	Development and application of GC-MS method for monitoring of long-term exposure to the pesticide cypermethrin. <i>Drug Testing and Analysis</i> , 2014, 6, 9-16.	1.6	16
42	Protective effect of erythropoietin on myocardial apoptosis in rats exposed to carbon monoxide. <i>Life Sciences</i> , 2016, 148, 118-124.	2.0	16
43	Calcitriol Suppresses HIF-1 and HIF-2 Transcriptional Activity by Reducing HIF-1/2 [±] Protein Levels via a VDR-Independent Mechanism. <i>Cells</i> , 2020, 9, 2440.	1.8	14
44	Association of Vitamin D Receptor Gene Polymorphisms with Serum Vitamin D Levels in a Greek Rural Population (Velesino Study). <i>Lifestyle Genomics</i> , 2021, 14, 81-90.	0.6	14
45	Surface Properties of Superhydrophobic Coatings for Stone Protection. <i>Journal of Nano Research</i> , 0, 8, 23-33.	0.8	13
46	Relationship between production conditions and milk gross composition in ewe's and goat's organic and conventional farms in central Greece. <i>Dairy Science and Technology</i> , 2015, 95, 437-450.	2.2	13
47	Development and validation of a reversed-phase HPLC method for CYP1A2 phenotyping by use of a caffeine metabolite ratio in saliva. <i>Biomedical Chromatography</i> , 2015, 29, 1657-1663.	0.8	13
48	Comparison of Targeted and Untargeted Approaches in Breath Analysis for the Discrimination of Lung Cancer from Benign Pulmonary Diseases and Healthy Persons. <i>Molecules</i> , 2021, 26, 2609.	1.7	13
49	On-line SPE sample treatment as a tool for method automatization and detection limits reduction: Quantification of 25-hydroxyvitamin D3/D2. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1043, 219-227.	1.2	12
50	Isolation of hypoxia-inducible factor 1 (HIF-1) inhibitors from frankincense using a molecularly imprinted polymer. <i>Investigational New Drugs</i> , 2011, 29, 1081-1089.	1.2	9
51	Computer simulation based selection of optimal monomer for imprinting of tri-O-acetiladenosine in polymer matrix: vacuum calculations. <i>Journal of Molecular Modeling</i> , 2013, 19, 359-369.	0.8	9
52	HPLC Analysis of Antipsychotic Asenapine in Alternative Biomatrices: Hair and Nail Clippings. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2015, 38, 1666-1670.	0.5	9
53	Computer-simulation-based selection of optimal monomer for imprinting of tri-O-acetyl adenosine in a polymer matrix: calculations for benzene solution. <i>Journal of Molecular Modeling</i> , 2016, 22, 154.	0.8	9
54	Development and validation of a reversed-phase HPLC method for licarbazepine monitoring in serum of patients under oxcarbazepine treatment. <i>Biomedical Chromatography</i> , 2017, 31, e3950.	0.8	7

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55	Species variation in the metabolism of 15,16-dihydro-11- methylcyclopenta[a]phenanthren-17-one to its 3,4-dihydrodiol, the proximate carcinogen. <i>Carcinogenesis</i> , 1995, 16, 2351-2355.	1.3	5
56	Investigation of in vivo toxicity of hydroxylamine sulfate and the efficiency of intoxication treatment by Î±-tocopherol acetate and methylene blue. <i>Food and Chemical Toxicology</i> , 2013, 61, 227-232.	1.8	5
57	Impact of biological factors on binding media identification in art objects: Identification of animal glue in the presence of <i>Aspergillus niger</i> . <i>Journal of Separation Science</i> , 2004, 27, 167-173.	1.3	4
58	Correlation between Plant Growth Regulator Release Rate and Bioactivity for the Series of Newly Synthesized Phytoactive Polymers. <i>Journal of Plant Growth Regulation</i> , 2006, 25, 211-218.	2.8	4
59	Operator exposure during fungicide applications in vineyards. <i>Toxicology Letters</i> , 2012, 211, S174.	0.4	4
60	Molecular Imprinting of Triacetyladenosine for the Synthetic Imitation of an ATP Binding Cleft in Protein Kinases. <i>ChemPlusChem</i> , 2013, 78, 808-815.	1.3	4
61	Inhibition of calcitriol inactivating enzyme CYP24A1 gene expression by flavonoids in hepatocellular carcinoma cells under normoxia and hypoxia. <i>Archives of Biochemistry and Biophysics</i> , 2021, 704, 108889.	1.4	4
62	Evaluation of the Bio equivalence and Pharmacokinetics of Two Lisinopril Tablet Formulations after Single Oral Administration in Healthy Volunteers. <i>Arzneimittelforschung</i> , 2004, 54, 15-19.	0.5	3
63	Vitamin D and Hypoxia: Points of Interplay in Cancer. <i>Cancers</i> , 2022, 14, 1791.	1.7	3
64	Metribuzin effect on antioxidant system of warm-blooded animals. <i>Toxicology Letters</i> , 2016, 258, S256.	0.4	1
65	Imidacloprid and 6-chloronicotinic acid determination in blood serum of long-term exposed rabbits using LC-APCI-MS technique. <i>Toxicology Letters</i> , 2014, 229, S227.	0.4	0
66	New GC-MS and GC-ECD methods for the estimation of hexamethylenediamine migration from polyamide food contacting materials to foods. <i>Toxicology Letters</i> , 2016, 258, S179.	0.4	0
67	Toxicological effects and safety assessment of sulfonylurea type pesticides. <i>Toxicology Letters</i> , 2016, 258, S222.	0.4	0