

Andreas Tsakalof

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

63

papers

2,084

citations

27

h-index

44

g-index

71

ext. papers

2,341

ext. citations

4

avg, IF

4.68

L-index

#	Paper	IF	Citations
63	Superhydrophobic composite films produced on various substrates. <i>Langmuir</i> , 2008 , 24, 11225-32	4	225
62	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, 155-68	4.4	184
61	Fabrication of super-hydrophobic surfaces for enhanced stone protection. <i>Surface and Coatings Technology</i> , 2009 , 203, 1322-1328	4.4	138
60	Assessment of synthetic polymeric coatings for the protection and preservation of stone monuments. <i>Journal of Cultural Heritage</i> , 2007 , 8, 69-72	2.9	127
59	Superhydrophobic films for the protection of outdoor cultural heritage assets. <i>Applied Physics A: Materials Science and Processing</i> , 2009 , 97, 351-360	2.6	111
58	Cobalt induces hypoxia-inducible factor-1alpha (HIF-1alpha) in HeLa cells by an iron-independent, but ROS-, PI-3K- and MAPK-dependent mechanism. <i>Free Radical Research</i> , 2006 , 40, 847-56	4	86
57	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, 74-8 ³ -4		66
56	Flavonoids induce HIF-1alpha but impair its nuclear accumulation and activity. <i>Free Radical Biology and Medicine</i> , 2008 , 44, 657-70	7.8	65
55	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	1.7	65
54	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	55
53	Risk factors for contamination of hotel water distribution systems by Legionella species. <i>Applied and Environmental Microbiology</i> , 2007 , 73, 1489-92	4.8	51
52	Analytical methods of biological monitoring for exposure to pesticides: recent update. <i>Therapeutic Drug Monitoring</i> , 2007 , 29, 150-63	3.2	48
51	Development and application of LC-APCIMS method for biomonitoring of animal and human exposure to imidacloprid. <i>Chemosphere</i> , 2013 , 93, 2612-20	8.4	41
50	Assessment of the antioxidant and antimutagenic activity of extracts from goji berry of Greek cultivation. <i>Toxicology Reports</i> , 2018 , 5, 251-257	4.8	40
49	Hypospadias in offspring is associated with chronic exposure of parents to organophosphate and organochlorine pesticides. <i>Toxicology Letters</i> , 2014 , 230, 139-45	4.4	40
48	The flavonoid quercetin induces hypoxia-inducible factor-1alpha (HIF-1alpha) and inhibits cell proliferation by depleting intracellular iron. <i>Free Radical Research</i> , 2007 , 41, 342-56	4	37
47	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	2.9	36

46	Identification of Red Natural Dyes in Post-Byzantine Icons by HPLC. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2005 , 28, 739-749	1.3	36
45	Acute poisoning with carbamate pesticides: the Cretan experience. <i>Science and Justice - Journal of the Forensic Science Society</i> , 1996 , 36, 35-9	2	34
44	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	10.2	33
43	Hair analysis used to assess chronic exposure to the organophosphate diazinon: a model study with rabbits. <i>Human and Experimental Toxicology</i> , 2003 , 22, 159-64	3.4	33
42	Optimization of ultrasound assisted extraction of of goji berry (<i>Lycium barbarum</i>) fruits and evaluation of extracts' bioactivity. <i>Journal of Food Process Engineering</i> , 2017 , 40, e12522	2.4	32
41	Chemical Properties, Fatty-Acid Composition, and Antioxidant Activity of Goji Berry (L. and Mill.) Fruits. <i>Antioxidants</i> , 2019 , 8,	7.1	31
40	Simple and reliable HPLC method for the monitoring of methotrexate in osteosarcoma patients. <i>Journal of Chromatographic Science</i> , 2014 , 52, 590-5	1.4	31
39	Dermal & inhalation exposure of operators during fungicide application in vineyards. Evaluation of coverall performance. <i>Science of the Total Environment</i> , 2014 , 470-471, 282-9	10.2	31
38	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, 126-33	2.1	29
37	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	2.9	28
36	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	2.8	22
35	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	7.9	22
34	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	6.6	20
33	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, 425-32	3.2	20
32	The analysis of methomyl, a carbamate pesticide, in post-mortem samples. <i>Science and Justice - Journal of the Forensic Science Society</i> , 1996 , 36, 41-5	2	19
31	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, 225-31	4.4	18
30	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,	5.6	18
29	Protective effect of erythropoietin on myocardial apoptosis in rats exposed to carbon monoxide. <i>Life Sciences</i> , 2016 , 148, 118-24	6.8	15

28	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	6.2	15
27	Pitfalls in drying oils identification in art objects by gas chromatography. <i>Journal of Separation Science</i> , 2006 , 29, 1642-6	3.4	15
26	Preincisional single-dose ceftriaxone for the prophylaxis of surgical wound infection. <i>American Journal of Surgery</i> , 1995 , 170, 353-5	2.7	14
25	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, 1657-63	1.7	12
24	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 Suppl 1, 9-16	3.5	12
23	Surface Properties of Superhydrophobic Coatings for Stone Protection. <i>Journal of Nano Research</i> , 2009 , 8, 23-33	1	12
22	Spatial and temporal distribution of p,p'-DDE (1-dichloro-2,2-bis (p-chlorophenyl) ethylene) blood levels across the globe. A systematic review and meta-analysis. <i>Science of the Total Environment</i> , 2019 , 686, 440-451	10.2	10
21	On-line SPE sample treatment as a tool for method automatization and detection limits reduction: Quantification of 25-hydroxyvitamin D/D. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017 , 1043, 219-227	3.2	9
20	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	4.7	9
19	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,	4.6	9
18	Isolation of hypoxia-inducible factor 1 (HIF-1) inhibitors from frankincense using a molecularly imprinted polymer. <i>Investigational New Drugs</i> , 2011 , 29, 1081-9	4.3	8
17	Computer simulation based selection of optimal monomer for imprinting of tri-O-acetyl adenosine in polymer matrix: vacuum calculations. <i>Journal of Molecular Modeling</i> , 2013 , 19, 359-69	2	7
16	Relationship between production conditions and milk gross composition in ewe and goat organic and conventional farms in central Greece. <i>Dairy Science and Technology</i> , 2015 , 95, 437-450		6
15	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	2	6
14	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	1.3	6
13	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,	4.8	6
12	Association of Vitamin D Receptor Gene Polymorphisms with Serum Vitamin D Levels in a Greek Rural Population (Velestino Study). <i>Lifestyle Genomics</i> , 2021 , 14, 81-90	2	6
11	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	1.7	5

10	Calcitriol Suppresses HIF-1 and HIF-2 Transcriptional Activity by Reducing HIF-1/2 β Protein Levels via a VDR-Independent Mechanism. <i>Cells</i> , 2020 , 9,	7.9	5
9	Molecular Imprinting of Tri-O-Acetyladenosine for the Synthetic Imitation of an ATP-Binding Cleft in Protein Kinases. <i>ChemPlusChem</i> , 2013 , 78, 808-815	2.8	4
8	Operator exposure during fungicide applications in vineyards. <i>Toxicology Letters</i> , 2012 , 211, S174	4.4	4
7	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	4.7	4
6	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, 167-73	3.4	4
5	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, 2351-5	4.6	4
4	Investigation of in vivo toxicity of hydroxylamine sulfate and the efficiency of intoxication treatment by α -tocopherol acetate and methylene blue. <i>Food and Chemical Toxicology</i> , 2013 , 61, 227-32	4.7	2
3	Evaluation of the bioequivalence and pharmacokinetics of two lisinopril tablet formulations after single oral administration in healthy volunteers. <i>Arzneimittelforschung</i> , 2004 , 54, 15-9		1
2	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	4.1	0
1	Toxicological effects and safety assessment of sulfonylurea type pesticides. <i>Toxicology Letters</i> , 2016 , 258, S222	4.4	