

# Andrei Florin Danet

## List of Publications by Year in descending order

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35  
papers

1,180  
citations

411340

20  
h-index

425179

34  
g-index

35  
all docs

35  
docs citations

35  
times ranked

1598  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal Nano-Oxide based Colorimetric Sensor Array for the Determination of Plant Polyphenols with Antioxidant Properties. <i>Analytical Letters</i> , 2020, 53, 627-645.	1.0	5
2	Bioelectrochemical evaluation of plant extracts and gold nanozyme-based sensors for total antioxidant capacity determination. <i>Bioelectrochemistry</i> , 2019, 129, 124-134.	2.4	37
3	Statistical Characterization of the Phytochemical Characteristics of Edible Mushroom Extracts. <i>Analytical Letters</i> , 2018, 51, 1039-1059.	1.0	30
4	Binary logistic regression—Instrument for assessing museum indoor air impact on exhibits. <i>Journal of the Air and Waste Management Association</i> , 2017, 67, 391-401.	0.9	16
5	Recent Applications for in Vitro Antioxidant Activity Assay. <i>Critical Reviews in Analytical Chemistry</i> , 2016, 46, 389-399.	1.8	40
6	Heat shock, visible light or high calcium augment the cytotoxic effects of <i>Ailanthus altissima</i> (Swingle) leaf extracts against <i>Saccharomyces cerevisiae</i> cells. <i>Natural Product Research</i> , 2015, 29, 1744-1747.	1.0	5
7	Enantioselective stable isotope analysis (ESIA) — A new concept to evaluate the environmental fate of chiral organic contaminants. <i>Science of the Total Environment</i> , 2015, 514, 459-466.	3.9	25
8	Calcium signaling mediates the response to cadmium toxicity in <i>Saccharomyces cerevisiae</i> cells. <i>FEBS Letters</i> , 2014, 588, 3202-3212.	1.3	45
9	Total Antioxidant Activity and Phenols and Flavonoids Content of Several Plant Extracts. <i>International Journal of Food Properties</i> , 2012, 15, 691-701.	1.3	22
10	Development of an enantiomer-specific stable carbon isotope analysis (ESIA) method for assessing the fate of $\text{1-}^{13}\text{C}$ -hexachlorocyclohexane in the environment. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 1363-1372.	0.7	63
11	Exogenous oxidative stress induces $\text{Ca}^{2+}$ release in the yeast <i>Saccharomyces cerevisiae</i> . <i>FEBS Journal</i> , 2010, 277, 4027-4038.	2.2	61
12	Portable minianalyzer based on cold vapor atomic absorption spectrometry at 184.9nm for atmospheric mercury determination. <i>Sensors and Actuators B: Chemical</i> , 2009, 137, 12-16.	4.0	28
13	Stable Isotope Fractionation of $\text{1-}^{13}\text{C}$ -Hexachlorocyclohexane (Lindane) during Reductive Dechlorination by Two Strains of Sulfate-Reducing Bacteria. <i>Environmental Science &amp; Technology</i> , 2009, 43, 3155-3161.	4.6	84
14	Total Antioxidant Capacity of Some Commercial Fruit Juices: Electrochemical and Spectrophotometrical Approaches. <i>Molecules</i> , 2009, 14, 480-493.	1.7	106
15	Ascorbic Acid Determination in Commercial Fruit Juice Samples by Cyclic Voltammetry. <i>Journal of Automated Methods and Management in Chemistry</i> , 2008, 2008, 1-8.	0.5	78
16	Mercury Determination in Fish Samples by Chronopotentiometric Stripping Analysis Using Gold Electrodes Prepared from Recordable CDs. <i>Sensors</i> , 2008, 8, 7157-7171.	2.1	22
17	Determination of Mercury in Fish Tissue Using a Minianalyzer Based on Cold Vapor Atomic Absorption Spectrometry at the 184.9 nm Line. <i>Analytical Sciences</i> , 2007, 23, 1121-1125.	0.8	8
18	Biosensors based on highly sensitive acetylcholinesterases for enhanced carbamate insecticides detection. <i>Analytica Chimica Acta</i> , 2006, 562, 115-121.	2.6	99

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19	Organophosphorus insecticides extraction and heterogeneous oxidation on column for analysis with an acetylcholinesterase (AChE) biosensor. <i>Analytica Chimica Acta</i> , 2006, 578, 162-169.	2.6	33
20	Cholinesterase immobilisation on the surface of screen-printed electrodes based on concanavalin A affinity. <i>Analytica Chimica Acta</i> , 2005, 530, 1-6.	2.6	34
21	Insecticide identification using a flow injection analysis system with biosensors based on various cholinesterases. <i>Analytica Chimica Acta</i> , 2005, 539, 195-201.	2.6	49
22	Versatile method of cholinesterase immobilisation via affinity bonds using Concanavalin A applied to the construction of a screen-printed biosensor. <i>Biosensors and Bioelectronics</i> , 2004, 20, 217-225.	5.3	63
23	Rapid and Sensitive Automated Method for Glucose Monitoring in Wine Processing. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 5588-5592.	2.4	20
24	A flow immunoassay for alkylphenol ethoxylate surfactants and their metabolitesâ€™ questions associated with cross-reactivity, matrix effects, and validation by chromatographic techniques. <i>Analyst</i> , The, 2003, 128, 849-856.	1.7	10
25	Spectrophotometric Determination of Organophosphoric Insecticides in a FIA System Based on AChE Inhibition. <i>Analytical Letters</i> , 2003, 36, 59-73.	1.0	17
26	Flow Injection Methods of Analysis for Waters. II. Organic Pollutants. <i>Critical Reviews in Analytical Chemistry</i> , 2003, 33, 57-68.	1.8	14
27	Antibody-based methods for surfactant screening. <i>Fresenius' Journal of Analytical Chemistry</i> , 2001, 371, 456-466.	1.5	53
28	Flow Injection Methods of Analysis for Waters. I. Inorganic Species. <i>Critical Reviews in Analytical Chemistry</i> , 2001, 31, 191-222.	1.8	30
29	Flow Injection Biamperometric Determination of Nitrite and Nitrate. <i>Analytical Letters</i> , 1998, 31, 751-764.	1.0	5
30	Flow Injection Determination Of L-Ascorbic Acid in Natural Juice with Biamperometric Detection. <i>Analytical Letters</i> , 1997, 30, 2625-2640.	1.0	12
31	Flow Injection Determination of Chloride Ions with Spectrophotometric Detection. <i>Analytical Letters</i> , 1997, 30, 2847-2858.	1.0	14
32	Fia-spectrophotometric determination of thiamine after UV-irradiation. <i>Talanta</i> , 1994, 41, 2147-2151.	2.9	25
33	Thermodiffusive characteristics of some adhesive, film-forming materials and the component solvents. <i>Journal of Thermal Analysis</i> , 1983, 26, 65-72.	0.7	3
34	Spectrophotometric study of the reaction of Hg(II) with cation A and cation 2B. <i>Talanta</i> , 1978, 25, 546-548.	2.9	13
35	Recent Advances in Antioxidant Capacity Assays. , 0, , .		11