

# Áva SZÁJKÁ

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7881936/publications.pdf>

Version: 2024-02-01

40  
papers

1,337  
citations

430874

18  
h-index

345221

36  
g-index

40  
all docs

40  
docs citations

40  
times ranked

1386  
citing authors

#	ARTICLE	IF	CITATIONS
1	On-column transient and coupled column isotachophoretic preconcentration of protein samples in capillary zone electrophoresis. <i>Journal of Chromatography A</i> , 1992, 608, 3-12.	3.7	269
2	Trace analysis of proteins by capillary zone electrophoresis with on-column transient isotachophoretic preconcentration. <i>Electrophoresis</i> , 1993, 14, 417-428.	2.4	172
3	Pharmacological aspects of the neuroprotective effects of irreversible MAO-B inhibitors, selegiline and rasagiline, in Parkinson's disease. <i>Journal of Neural Transmission</i> , 2018, 125, 1735-1749.	2.8	77
4	Analysis of biological samples by capillary electrophoresis with laser induced fluorescence detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 53, 1180-1192.	2.8	63
5	High sensitivity analysis of nitrite and nitrate in biological samples by capillary zone electrophoresis with transient isotachophoretic sample stacking. <i>Journal of Chromatography A</i> , 2004, 1051, 177-183.	3.7	50
6	Selegiline: a molecule with innovative potential. <i>Journal of Neural Transmission</i> , 2020, 127, 831-842.	2.8	50
7	Chiral separations for d -amino acid analysis in biological samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 130, 100-109.	2.8	49
8	Protein and peptide analysis by capillary zone electrophoresis and micellar electrokinetic chromatography. <i>Electrophoresis</i> , 1997, 18, 74-81.	2.4	45
9	Chiral separation of deprenyl and its major metabolites using cyclodextrin-modified capillary zone electrophoresis. <i>Journal of Chromatography A</i> , 1995, 709, 157-162.	3.7	42
10	Chronic benzylamine administration in the drinking water improves glucose tolerance, reduces body weight gain and circulating cholesterol in high-fat diet-fed mice. <i>Pharmacological Research</i> , 2010, 61, 355-363.	7.1	42
11	Assessment of the N-oxidation of deprenyl, methamphetamine, and amphetamine enantiomers by chiral capillary electrophoresis: An in vitro metabolism study. <i>Electrophoresis</i> , 2004, 25, 2866-2875.	2.4	34
12	Chiral characterization of deprenyl-N-oxide and other deprenyl metabolites by capillary electrophoresis using a dual cyclodextrin system in rat urine. <i>Electrophoresis</i> , 2003, 24, 2665-2673.	2.4	33
13	Chiral analysis of amino acid neurotransmitters and neuromodulators in mouse brain by CE-LIF. <i>Electrophoresis</i> , 2014, 35, 2870-2876.	2.4	32
14	Determination of binding constants and the influence of methanol on the separation of drug enantiomers in cyclodextrin modified capillary electrophoresis. <i>Journal of Chromatography A</i> , 1996, 745, 181-187.	3.7	30
15	Chiral separation and determination of excitatory amino acids in brain samples by CE-LIF using dual cyclodextrin system. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 2363-2368.	3.7	28
16	Synthesis of hybrids between the alkaloids rutaecarpine and luotonins A, B. <i>Tetrahedron Letters</i> , 2008, 49, 4937-4940.	1.4	24
17	Lipopolysaccharide exposure makes allergic airway inflammation and hyperresponsiveness less responsive to dexamethasone and inhibition of iNOS. <i>Clinical and Experimental Allergy</i> , 2006, 36, 951-959.	2.9	21
18	R-Deprenyl: Pharmacological Spectrum of its Activity. <i>Neurochemical Research</i> , 2010, 35, 1922-1932.	3.3	21

#	ARTICLE	IF	CITATIONS
19	Bacterial Lysine Decarboxylase Influences Human Dental Biofilm Lysine Content, Biofilm Accumulation, and Subclinical Gingival Inflammation. <i>Journal of Periodontology</i> , 2012, 83, 1048-1056.	3.4	21
20	CE/LIF determination of salivary cadaverine and lysine concentration ratio as an indicator of lysine decarboxylase enzyme activity. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 647-651.	3.7	19
21	Analysis of Pralidoxime in Serum, Brain and CSF of Rats. <i>Medicinal Chemistry</i> , 2009, 5, 237-241.	1.5	18
22	Application of the measurement of oxidized pyridine dinucleotides with high-performance liquid chromatography-fluorescence detection to assay the uncoupled oxidation of NADPH by neuronal nitric oxide synthase. <i>Analytical Biochemistry</i> , 2004, 326, 69-77.	2.4	17
23	Trace analysis of oxidized, nitrated, and chlorinated aromatic amino acids by capillary electrophoresis with electroosmotic flow modification allowing large-volume sample stacking. <i>Electrophoresis</i> , 2005, 26, 1940-1947.	2.4	17
24	Study on SSAO enzyme activity and anti-inflammatory effect of SSAO inhibitors in animal model of inflammation. <i>Journal of Neural Transmission</i> , 2013, 120, 963-967.	2.8	17
25	Comparison of quantitative performance of three fluorescence labels in CE/LIF analysis of aspartate and glutamate in brain microdialysate. <i>Electrophoresis</i> , 2011, 32, 2816-2822.	2.4	16
26	Biofilm Lysine Decarboxylase, a New Therapeutic Target for Periodontal Inflammation. <i>Journal of Periodontology</i> , 2015, 86, 1176-1184.	3.4	15
27	Alteration of serum semicarbazide-sensitive amine oxidase activity in chronic renal failure. <i>Journal of Neural Transmission</i> , 2007, 114, 841-843.	2.8	14
28	Capillary gel electrophoretic separation of DNA restriction fragments in a discontinuous buffer system. <i>Journal of Chromatography A</i> , 1996, 744, 321-324.	3.7	13
29	The pharmacokinetic evaluation of selegiline ODT for the treatment of Parkinson's disease. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2013, 9, 629-636.	3.3	12
30	Altered nitric oxide production in mouse brain after administration of 1-methyl-4-phenyl-1,2,3,6-tetrahydro-pyridin or methamphetamine. <i>Neurochemistry International</i> , 2004, 44, 641-646.	3.8	11
31	Chiral Separation of Deprenyl-N-Oxide Isomers by Capillary Electrophoresis Using Various Cyclodextrin Derivatives. <i>Journal of Chromatographic Science</i> , 2004, 42, 21-26.	1.4	10
32	Lack of insulin resistance in response to streptozotocin treatment in neuronal SH-SY5Y cell line. <i>Journal of Neural Transmission</i> , 2020, 127, 71-80.	2.8	10
33	Equilibrium binding model of bile salt-mediated chiral micellar electrokinetic capillary chromatography. <i>Electrophoresis</i> , 1999, 20, 2754-2760.	2.4	9
34	Prenatal dietary load of Maillard reaction products combined with postnatal Coca-Cola drinking affects metabolic status of female Wistar rats. <i>Croatian Medical Journal</i> , 2015, 56, 94-103.	0.7	9
35	Differential Changes of Extracellular Aspartate and Glutamate in the Striatum of Domestic Chicken Evoked by High Potassium or Distress: An In Vivo Microdialysis Study. <i>Neurochemical Research</i> , 2012, 37, 1730-1737.	3.3	8
36	Studies on the insulinomimetic effects of benzylamine, exogenous substrate of semicarbazide-sensitive amine oxidase enzyme in streptozotocin induced diabetic rats. <i>Journal of Neural Transmission</i> , 2007, 114, 851-855.	2.8	6

#	ARTICLE	IF	CITATIONS
37	Age-related and function-dependent regional alterations of free L- and D-aspartate in postembryonic chick brain. <i>Acta Biologica Hungarica</i> , 2018, 69, 1-15.	0.7	5
38	Lack of association between VAP-1/SSAO activity and corneal neovascularization in a rabbit model. <i>Journal of Neural Transmission</i> , 2013, 120, 969-975.	2.8	4
39	The Impact of Differentiation on Cytotoxicity and Insulin Sensitivity in Streptozotocin Treated SH-SY5Y Cells. <i>Neurochemical Research</i> , 2021, 46, 1350-1358.	3.3	2
40	Oral Supplementation with Benzylamine Delays the Onset of Diabetes in Obese and Diabetic db-/- Mice. <i>Nutrients</i> , 2021, 13, 2622.	4.1	2