

# Tamás Tóbi

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

936  
citations

471509

17  
h-index

501196

28  
g-index

51  
all docs

51  
docs citations

51  
times ranked

1355  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Pharmacological Aspects of (-)-Deprenyl. <i>Current Medicinal Chemistry</i> , 2004, 11, 2017-2031.	2.4	59
4	High sensitivity analysis of nitrite and nitrate in biological samples by capillary zone electrophoresis with transient isotachopheric sample stacking. <i>Journal of Chromatography A</i> , 2004, 1051, 177-183.	3.7	50
5	Selegiline: a molecule with innovative potential. <i>Journal of Neural Transmission</i> , 2020, 127, 831-842.	2.8	50
6	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
7	Dysregulation of the endothelial nitric oxide pathway is associated with airway inflammation in COPD. <i>Respiratory Research</i> , 2019, 20, 156.	3.6	40
8	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
9	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
10	Chiral analysis of amino acid neurotransmitters and neuromodulators in mouse brain by CE-LIF. <i>Electrophoresis</i> , 2014, 35, 2870-2876.	2.4	32
11	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
12	Perturbations to lysyl oxidase expression broadly influence the transcriptome of lung fibroblasts. <i>Physiological Genomics</i> , 2017, 49, 416-429.	2.3	27
13	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
14	R-Deprenyl: Pharmacological Spectrum of its Activity. <i>Neurochemical Research</i> , 2010, 35, 1922-1932.	3.3	21
15	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
16	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
17	Analysis of Pralidoxime in Serum, Brain and CSF of Rats. <i>Medicinal Chemistry</i> , 2009, 5, 237-241.	1.5	18
18	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

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19	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
20	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
21	Protective effect of resveratrol against caspase 3 activation in primary mouse fibroblasts. <i>Croatian Medical Journal</i> , 2015, 56, 78-84.	0.7	17
22	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
23	Biofilm Lysine Decarboxylase, a New Therapeutic Target for Periodontal Inflammation. <i>Journal of Periodontology</i> , 2015, 86, 1176-1184.	3.4	15
24	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
25	Association between metabolically healthy central obesity in women and levels of soluble receptor for advanced glycation end products, soluble vascular adhesion protein-1, and activity of semicarbazide-sensitive amine oxidase. <i>Croatian Medical Journal</i> , 2017, 58, 106-116.	0.7	14
26	Thermochemical study on the ring closure reaction of 5-morpholino-4-vinylpyridazinones by tert-amino effect. <i>Computational and Theoretical Chemistry</i> , 2003, 666-667, 667-680.	1.5	12
27	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
28	The role of autophagy induction in the mechanism of cytoprotective effect of resveratrol. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 123, 135-142.	4.0	12
29	Pharmacological Evidence on Augmented Allodynia Following Systemic Co-Treatment with GlyT-1 and GlyT-2 Inhibitors in Rat Neuropathic Pain Model. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2479.	4.1	12
30	Generation and analysis of the conformational potential energy surfaces of N-acetyl-N-methyl-L-alanine- $\alpha$ -methylamide. An exploratory ab initio study. <i>Computational and Theoretical Chemistry</i> , 2003, 625, 121-136.	1.5	11
31	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
32	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
33	Discovery of isatin and 1H-indazol-3-ol derivatives as d-amino acid oxidase (DAAO) inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 1579-1587.	3.0	10
34	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
35	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
36	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

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37	Reverse Na <sup>+</sup> /Ca <sup>2+</sup> -exchange mediated Ca <sup>2+</sup> -entry and noradrenaline release in Na <sup>+</sup> -loaded peripheral sympathetic nerves. <i>Neurochemistry International</i> , 2008, 53, 338-345.	3.8	7
38	Shedding Light on the Pharmacological Interactions between $\mu$ -Opioid Analgesics and Angiotensin Receptor Modulators: A New Option for Treating Chronic Pain. <i>Molecules</i> , 2021, 26, 6168.	3.8	7
39	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
40	Effects of Cariprazine, Aripiprazole, and Olanzapine on Mouse Fibroblast Culture: Changes in Adiponectin Contents in Supernatants, Triglyceride Accumulation, and Peroxisome Proliferator-Activated Receptor- $\beta$ Expression. <i>Medicina (Lithuania)</i> , 2019, 55, 160.	2.0	6
41	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
42	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
43	Inhibition of $\alpha$ 2A-Adrenoceptors Ameliorates Dextran Sulfate Sodium-Induced Acute Intestinal Inflammation in Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016, 358, 483-491.	2.5	4
44	Chronic Oral Selegiline Treatment Mitigates Age-Related Hearing Loss in BALB/c Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2853.	4.1	4
45	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
46	Sex-specific effects of metformin and liraglutide on renal pathology and expression of connexin 45 and pannexin 1 following long-term high-fat high-sugar diet. <i>Acta Histochemica</i> , 2021, 123, 151817.	1.8	2
47	Characterization of a Cell Line Model for d-Serine Uptake. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 187, 113360.	2.8	1
48	Development and validation of capillary electrophoresis method for quantification of gangliosides in brain synaptosomes. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 205, 114329.	2.8	1
49	High Fat High Sucrose Diet Modifies Uterine Contractility and Cervical Resistance in Pregnant Rats: The Roles of Sex Hormones, Adipokines and Cytokines. <i>Life</i> , 2022, 12, 794.	2.4	1
50	The effect of L-theanine and S-ketamine on $\beta$ -serine cellular uptake. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2020, 1868, 140473.	2.3	0
51	A Hypercaloric Diet Induces Early Podocyte Damage in Aged, Non-Diabetic Rats. <i>Cellular Physiology and Biochemistry</i> , 2021, 55, 96-112.	1.6	0