

# Dániel Székelysi

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

779  
citations

687363

13  
h-index

526287

27  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1229  
citing authors

#	ARTICLE	IF	CITATIONS
1	(2-Aminopropyl)benzo[ <sup>12</sup> ]thiophenes (APBTs) are novel monoamine transporter ligands that lack stimulant effects but display psychedelic-like activity in mice. <i>Neuropsychopharmacology</i> , 2022, 47, 914-923.	5.4	8
2	Occlusion of the human serotonin transporter is mediated by serotonin-induced conformational changes in the bundle domain. <i>Journal of Biological Chemistry</i> , 2022, 298, 101613.	3.4	13
3	Sodium Binding Stabilizes the Outward-Open State of SERT by Limiting Bundle Domain Motions. <i>Cells</i> , 2022, 11, 255.	4.1	7
4	Thermal Unfolding of the Human Serotonin Transporter: Differential Effect by Stabilizing and Destabilizing Mutations and Cholesterol on Thermodynamic and Kinetic Stability. <i>Molecular Pharmacology</i> , 2022, 101, 95-105.	2.3	9
5	SLC6 transporter oligomerization. <i>Journal of Neurochemistry</i> , 2021, 157, 919-929.	3.9	24
6	The Bile Salt Export Pump: Molecular Structure, Study Models and Small-Molecule Drugs for the Treatment of Inherited BSEP Deficiencies. <i>International Journal of Molecular Sciences</i> , 2021, 22, 784.	4.1	13
7	Investigating the Mechanism of Sodium Binding to SERT Using Direct Simulations. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 673782.	3.7	9
8	Picky ABCG5/G8 and promiscuous ABCG2 – a tale of fatty diets and drug toxicity. <i>FEBS Letters</i> , 2020, 594, 4035-4058.	2.8	15
9	Human ABCB1 with an ABCB11-like degenerate nucleotide binding site maintains transport activity by avoiding nucleotide occlusion. <i>PLoS Genetics</i> , 2020, 16, e1009016.	3.5	11
10	Factors Influencing the Long-Term Stability of Electronic Tongue and Application of Improved Drift Correction Methods. <i>Biosensors</i> , 2020, 10, 74.	4.7	26
11	Functional impact of the G279S substitution in the adenosine A1-receptor (A1R-G279S), a mutation associated with Parkinson's disease. <i>Molecular Pharmacology</i> , 2020, 98, MOLPHARM-AR-2020-000003.	2.3	12
12	Conversion of chemical to mechanical energy by the nucleotide binding domains of ABCB1. <i>Scientific Reports</i> , 2020, 10, 2589.	3.3	6
13	The Amino Terminus of LeuT Changes Conformation in an Environment Sensitive Manner. <i>Neurochemical Research</i> , 2020, 45, 1387-1398.	3.3	2
14	Title is missing!. , 2020, 16, e1009016.		0
15	Title is missing!. , 2020, 16, e1009016.		0
16	Title is missing!. , 2020, 16, e1009016.		0
17	Title is missing!. , 2020, 16, e1009016.		0
18	The ABCG2 multidrug transporter is a pump gated by a valve and an extracellular lid. <i>Nature Communications</i> , 2019, 10, 5433.	12.8	44

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19	Dissecting the Forces that Dominate Dimerization of the Nucleotide Binding Domains of ABCB1. <i>Biophysical Journal</i> , 2018, 114, 331-342.	0.5	19
20	Comparison of mechanistic transport cycle models of ABC exporters. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 818-832.	2.6	88
21	Classification and Identification of Three Vintage Designated Hungarian Spirits by Their Volatile Compounds. <i>Periodica Polytechnica: Chemical Engineering</i> , 2018, 62, 175-181.	1.1	5
22	Dopamine transporter oligomerization involves the scaffold domain, but spares the bundle domain. <i>PLoS Computational Biology</i> , 2018, 14, e1006229.	3.2	20
23	Nucleotides Control the Conformation of the Motor Domain of ABC Transporters. <i>Biophysical Journal</i> , 2017, 112, 571a.	0.5	0
24	Functional Rescue of a Misfolded <i>Drosophila melanogaster</i> Dopamine Transporter Mutant Associated with a Sleepless Phenotype by Pharmacological Chaperones. <i>Journal of Biological Chemistry</i> , 2016, 291, 20876-20890.	3.4	41
25	Access Path to the Ligand Binding Pocket May Play a Role in Xenobiotics Selection by AhR. <i>PLoS ONE</i> , 2016, 11, e0146066.	2.5	15
26	Application of Sensory Assessment, Electronic Tongue and GC-MS to Characterize Coffee Samples. <i>Arabian Journal for Science and Engineering</i> , 2015, 40, 125-133.	1.1	19
27	Some gating potentiators, including VX-770, diminish $\beta$ 508-CFTR functional expression. <i>Science Translational Medicine</i> , 2014, 6, 246ra97.	12.4	264
28	Discrete Molecular Dynamics Can Predict Helical Prestructured Motifs in Disordered Proteins. <i>PLoS ONE</i> , 2014, 9, e95795.	2.5	19
29	Sensory Evaluation and Electronic Tongue for Sensing Flavored Mineral Water Taste Attributes. <i>Journal of Food Science</i> , 2013, 78, S1602-S1608.	3.1	12
30	Application of electronic tongue to beverages. <i>Acta Alimentaria</i> , 2013, 42, 90-98.	0.7	4
31	Temperature correction of electronic tongue measurement results. <i>Acta Alimentaria</i> , 2013, 42, 37-44.	0.7	3
32	Determination of salt content in various depth of pork chop by electrical impedance spectroscopy. <i>Journal of Physics: Conference Series</i> , 2013, 434, 012094.	0.4	2
33	Comparison of six multiclass classifiers by the use of different classification performance indicators. <i>Journal of Chemometrics</i> , 2012, 26, 76-84.	1.3	13
34	Sweetener Recognition and Taste Prediction of Coke Drinks by Electronic Tongue. <i>IEEE Sensors Journal</i> , 2012, 12, 3119-3123.	4.7	12
35	Prediction of carrot sensory attributes by mechanical tests and electronic tongue. <i>Acta Alimentaria</i> , 2011, 40, 41-58.	0.7	4
36	Comparison of novel sensory panel performance evaluation techniques with e-nose analysis integration. <i>Journal of Chemometrics</i> , 2011, 25, 275-286.	1.3	21

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37	Sensing Basic Tastes by Electronic Tongue Sensors. , 2011, , .		0
38	Sensory evaluation and electronic tongue analysis for sweetener recognition in coke drinks. , 2011, , .		1
39	Electronic Tongue and Sensory Evaluation for Sensing Apple Juice Taste Attributes. Sensor Letters, 2011, 9, 1273-1281.	0.4	15
40	Application of electronic tongue to soya drink discrimination. Progress in Agricultural Engineering Sciences, 2009, 5, 75-96.	0.3	2