

# Boris F Krasnikov

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

530  
citations

758635

12  
h-index

752256

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

723  
citing authors

#	ARTICLE	IF	CITATIONS
1	The metabolic importance of the glutaminase II pathway in normal and cancerous cells. <i>Analytical Biochemistry</i> , 2022, 644, 114083.	1.1	11
2	A novel efficient producer of human $\gamma$ -amidase (Nit2) in <i>Escherichia coli</i> . <i>Analytical Biochemistry</i> , 2021, 632, 114332.	1.1	1
3	Preparative Biocatalytic Synthesis of $\pm$ -Ketoglutamamate. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12748.	1.8	5
4	Changes of Coenzyme A and Acetyl-Coenzyme A Concentrations in Rats after a Single-Dose Intraperitoneal Injection of Hepatotoxic Thioacetamide Are Not Consistent with Rapid Recovery. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8918.	1.8	10
5	Real-time multiparameter study of mitochondrial functions: Instrumental and analytical approaches. <i>Analytical Biochemistry</i> , 2018, 552, 66-74.	1.1	1
6	Models, methods, and approaches to study mitochondrial functioning in vitro, in situ, and in vivo: Editorial for the special issue on Mitochondrial Biochemistry and Bioenergetics. <i>Analytical Biochemistry</i> , 2018, 552, 1-3.	1.1	1
7	Determination of Coenzyme A and Acetyl-Coenzyme A in Biological Samples Using HPLC with UV Detection. <i>Molecules</i> , 2017, 22, 1388.	1.7	53
8	The Enzymology of 2-Hydroxyglutarate, 2-Hydroxyglutamamate and 2-Hydroxysuccinamate and Their Relationship to Oncometabolites. <i>Biology</i> , 2017, 6, 24.	1.3	13
9	Simultaneous determination of tricarboxylic acid cycle metabolites by high-performance liquid chromatography with ultraviolet detection. <i>Analytical Biochemistry</i> , 2016, 503, 8-10.	1.1	16
10	HPLC determination of $\pm$ -ketoglutamamate [5-amino-2,5-dioxopentanoate] in biological samples. <i>Analytical Biochemistry</i> , 2016, 494, 52-54.	1.1	9
11	$\gamma$ -Amidase: an underappreciated, but important enzyme in l-glutamine and l-asparagine metabolism; relevance to sulfur and nitrogen metabolism, tumor biology and hyperammonemic diseases. <i>Amino Acids</i> , 2016, 48, 1-20.	1.2	56
12	Role of Glutamine Transaminases in Nitrogen, Sulfur, Selenium, and 1-Carbon Metabolism. , 2015, , 37-54.		7
13	Kynurenine Aminotransferase III and Glutamine Transaminase L Are Identical Enzymes that have Cysteine S-Conjugate $\beta$ -Lyase Activity and Can Transaminate l-Selenomethionine. <i>Journal of Biological Chemistry</i> , 2014, 289, 30950-30961.	1.6	36
14	Cysteine S-conjugate $\beta$ -lyases: important roles in the metabolism of naturally occurring sulfur and selenium-containing compounds, xenobiotics and anticancer agents. <i>Amino Acids</i> , 2011, 41, 7-27.	1.2	89
15	Urinary 2-hydroxy-5-oxoproline, the lactam form of $\pm$ -ketoglutamamate, is markedly increased in urea cycle disorders. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 1843-1851.	1.9	29
16	Synthetic and natural polyanions induce cytochrome c release from mitochondria in vitro and in situ. <i>American Journal of Physiology - Cell Physiology</i> , 2011, 300, C1193-C1203.	2.1	9
17	Measurement of sulfur-containing compounds involved in the metabolism and transport of cysteamine and cystamine. Regional differences in cerebral metabolism. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 3434-3441.	1.2	36
18	Assay and purification of $\gamma$ -amidase/Nit2, a ubiquitously expressed putative tumor suppressor, that catalyzes the deamidation of the $\pm$ -keto acid analogues of glutamine and asparagine. <i>Analytical Biochemistry</i> , 2009, 391, 144-150.	1.1	32

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19	Identification of the putative tumor suppressor Nit2 as $\gamma$ -amidase, an enzyme metabolically linked to glutamine and asparagine transamination. <i>Biochimie</i> , 2009, 91, 1072-1080.	1.3	48
20	Treatment of YAC128 mice and their wild-type littermates with cystamine does not lead to its accumulation in plasma or brain: implications for the treatment of Huntington disease. <i>Journal of Neurochemistry</i> , 2005, 94, 1087-1101.	2.1	52