

Verena Peters

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,190
citations

361413

20
h-index

377865

34
g-index

43
all docs

43
docs citations

43
times ranked

1377
citing authors

#	ARTICLE	IF	CITATIONS
1	Carnosine as a Protective Factor in Diabetic Nephropathy. <i>Diabetes</i> , 2005, 54, 2320-2327.	0.6	264
2	Carnosine enhances diabetic wound healing in the db/db mouse model of type 2 diabetes. <i>Amino Acids</i> , 2012, 43, 127-134.	2.7	70
3	Protective Actions of Anserine Under Diabetic Conditions. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2751.	4.1	57
4	Intrinsic carnosine metabolism in the human kidney. <i>Amino Acids</i> , 2015, 47, 2541-2550.	2.7	55
5	Carnosine treatment largely prevents alterations of renal carnosine metabolism in diabetic mice. <i>Amino Acids</i> , 2012, 42, 2411-2416.	2.7	52
6	Quo vadis: the redefinition of "inborn metabolic diseases". <i>Journal of Inherited Metabolic Disease</i> , 2015, 38, 1003-1006.	3.6	48
7	Anserine inhibits carnosine degradation but in human serum carnosinase (CN1) is not correlated with histidine dipeptide concentration. <i>Clinica Chimica Acta</i> , 2011, 412, 263-267.	1.1	47
8	Methylglyoxal and Advanced Glycation End Products in Patients with Diabetes – What We Know so Far and the Missing Links. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2019, 127, 497-504.	1.2	39
9	Hydrogen Sulfide and Carnosine: Modulation of Oxidative Stress and Inflammation in Kidney and Brain Axis. <i>Antioxidants</i> , 2020, 9, 1303.	5.1	37
10	Biochemical characterization of human 3-methylglutaconyl-CoA hydratase and its role in leucine metabolism. <i>FEBS Journal</i> , 2006, 273, 2012-2022.	4.7	36
11	Relevance of allosteric conformations and homocarnosine concentration on carnosinase activity. <i>Amino Acids</i> , 2010, 38, 1607-1615.	2.7	36
12	N-Glycosylation of Carnosinase Influences Protein Secretion and Enzyme Activity. <i>Diabetes</i> , 2010, 59, 1984-1990.	0.6	35
13	Carnosinase, diabetes mellitus and the potential relevance of carnosinase deficiency. <i>Journal of Inherited Metabolic Disease</i> , 2018, 41, 39-47.	3.6	32
14	A scavenger peptide prevents methylglyoxal induced pain in mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 654-662.	3.8	30
15	Identification and characterisation of carnostatine (SAN9812), a potent and selective carnosinase (CN1) inhibitor with in vivo activity. <i>Amino Acids</i> , 2019, 51, 7-16.	2.7	29
16	Carnosine metabolism in diabetes is altered by reactive metabolites. <i>Amino Acids</i> , 2015, 47, 2367-2376.	2.7	28
17	Carnosine decreases IGFBP1 production in db/db mice through suppression of HIF-1. <i>Journal of Endocrinology</i> , 2015, 225, 159-167.	2.6	28
18	Carnosine and Diabetic Nephropathy. <i>Current Medicinal Chemistry</i> , 2020, 27, 1801-1812.	2.4	27

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19	Does low serum carnosinase activity favor high-intensity exercise capacity?. <i>Journal of Applied Physiology</i> , 2014, 116, 553-559.	2.5	23
20	Carnosine Catalyzes the Formation of the Oligo/Polymeric Products of Methylglyoxal. <i>Cellular Physiology and Biochemistry</i> , 2018, 46, 713-726.	1.6	22
21	Carnosine Activates Cellular Stress Response in Podocytes and Reduces Glycative and Lipoperoxidative Stress. <i>Biomedicines</i> , 2020, 8, 177.	3.2	22
22	Different conformational forms of serum carnosinase detected by a newly developed sandwich ELISA for the measurements of carnosinase concentrations. <i>Amino Acids</i> , 2012, 43, 143-151.	2.7	20
23	Allosteric inhibition of carnosinase (CN1) by inducing a conformational shift. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017, 32, 1102-1110.	5.2	20
24	CNDP1 knockout in zebrafish alters the amino acid metabolism, restrains weight gain, but does not protect from diabetic complications. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 4551-4568.	5.4	14
25	Peer review fraudâ€™s not big and itâ€™s not clever. <i>Journal of Inherited Metabolic Disease</i> , 2016, 39, 1-2.	3.6	12
26	The <i>CNDP1</i> (CTG) ⁵ Polymorphism Is Associated with Biopsy-Proven Diabetic Nephropathy, Time on Hemodialysis, and Diabetes Duration. <i>Journal of Diabetes Research</i> , 2017, 2017, 1-11.	2.3	12
27	Novel variants and clinical symptoms in four new ALG3â€™CDG patients, review of the literature, and identification of AAGRPâ€™ALG3 as a novel ALG3 variant with alanine and glycineâ€™rich Nâ€™terminus. <i>Human Mutation</i> , 2019, 40, 938-951.	2.5	12
28	A Global <i>Cndp1</i> -Knock-Out Selectively Increases Renal Carnosine and Anserine Concentrations in an Age- and Gender-Specific Manner in Mice. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4887.	4.1	11
29	<i>CNDP1</i> genotype and renal survival in pediatric nephropathies. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2016, 29, 827-33.	0.9	10
30	Allelic variation in the <i>CNDP1</i> gene and its lack of association with longevity and coronary heart disease. <i>Mechanisms of Ageing and Development</i> , 2006, 127, 817-820.	4.6	9
31	Formation of 3-hydroxyglutaric acid in glutaric aciduria type I: in vitro participation of medium chain acyl-CoA dehydrogenase. <i>JIMD Reports</i> , 2019, 47, 30-34.	1.5	8
32	Carnosinase concentration, activity, and <i>CNDP1</i> genotype in patients with type 2 diabetes with and without nephropathy. <i>Amino Acids</i> , 2019, 51, 611-617.	2.7	8
33	A Novel UPLC-MS/MS Method Identifies Organ-Specific Dipeptide Profiles. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9979.	4.1	7
34	Qualitative urinary organic acid analysis: 10 years of quality assurance. <i>Journal of Inherited Metabolic Disease</i> , 2016, 39, 683-687.	3.6	6
35	Newborn screening: To <i>WES</i> or not to <i>WES</i> , that is the question. <i>Journal of Inherited Metabolic Disease</i> , 2020, 43, 904-905.	3.6	6
36	Fatal outcome after heart surgery in PMM2-CDG due to a rare homozygous gene variant with double effects. <i>Molecular Genetics and Metabolism Reports</i> , 2020, 25, 100673.	1.1	5

#	ARTICLE	IF	CITATIONS
37	Clinical Trials on Diabetic Nephropathy: A Cross-Sectional Analysis. Diabetes Therapy, 2019, 10, 229-243.	2.5	3
38	Do inborn errors of metabolism confer or impede the risk of diabetes?. Journal of Inherited Metabolic Disease, 2018, 41, 1-2.	3.6	2
39	Recommendations and guidelines in the JIMD: suggested procedures and avoidance of conflicts of interest. Journal of Inherited Metabolic Disease, 2016, 39, 327-329.	3.6	1
40	Quo vadis now: Beyond genomics to an era of personalised medicine. Journal of Inherited Metabolic Disease, 2022, 45, 129-131.	3.6	0
41	MO465: Molecular Mechanisms of Vascular Ageing in Children With Chronic Kidney Disease. Nephrology Dialysis Transplantation, 2022, 37, .	0.7	0