

# Robert M Verkerk

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8637386/publications.pdf>

Version: 2024-02-01

50  
papers

2,747  
citations

218592

26  
h-index

233338

45  
g-index

51  
all docs

51  
docs citations

51  
times ranked

3330  
citing authors

#	ARTICLE	IF	CITATIONS
1	Kynurenine pathway in major depression: Evidence of impaired neuroprotection. <i>Journal of Affective Disorders</i> , 2007, 98, 143-151.	2.0	470
2	Increased Depressive Ratings in Patients With Hepatitis C Receiving Interferon- $\alpha$ -Based Immunotherapy Are Related to Interferon-Induced Changes in the Serotonergic System. <i>Journal of Clinical Psychopharmacology</i> , 2002, 22, 86-90.	0.7	387
3	The inflammatory response system and the availability of plasma tryptophan in patients with primary sleep disorders and major depression. <i>Journal of Affective Disorders</i> , 1998, 49, 211-219.	2.0	217
4	Depressive and anxiety symptoms in the early puerperium are related to increased degradation of tryptophan into kynurenine, a phenomenon which is related to immune activation. <i>Life Sciences</i> , 2002, 71, 1837-1848.	2.0	177
5	Extended Structure-Activity Relationship and Pharmacokinetic Investigation of (4-Quinolinoyl)glycyl-2-cyanopyrrolidine Inhibitors of Fibroblast Activation Protein (FAP). <i>Journal of Medicinal Chemistry</i> , 2014, 57, 3053-3074.	2.9	169
6	Cytokine Changes and Tryptophan Metabolites in Medication-Naïve and Medication-Free Schizophrenic Patients. <i>Neuropsychobiology</i> , 2009, 59, 123-129.	0.9	122
7	Tryptophan breakdown pathway in bipolar mania. <i>Journal of Affective Disorders</i> , 2007, 102, 65-72.	2.0	98
8	The Role of Tryptophan Catabolism along the Kynurenine Pathway in Acute Ischemic Stroke. <i>Neurochemical Research</i> , 2010, 35, 1315-1322.	1.6	85
9	Serotonergic and Noradrenergic Markers of Post-Traumatic Stress Disorder with and without Major Depression. <i>Neuropsychopharmacology</i> , 1999, 20, 188-197.	2.8	79
10	Serotonin-immune interactions in major depression: lower serum tryptophan as a marker of an immune-inflammatory response. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 1997, 247, 154-161.	1.8	68
11	Somatization, but not depression, is characterized by disorders in the tryptophan catabolite (TRYCAT) pathway, indicating increased indoleamine 2,3-dioxygenase and lowered kynurenine aminotransferase activity. <i>Neuroendocrinology Letters</i> , 2011, 32, 264-73.	0.2	51
12	Lower serum dipeptidyl peptidase IV activity in treatment resistant major depression: Relationships with immune-inflammatory markers. <i>Psychoneuroendocrinology</i> , 1997, 22, 65-78.	1.3	49
13	Immunological Assay for the Determination of Procarboxypeptidase U Antigen Levels in Human Plasma. <i>Thrombosis and Haemostasis</i> , 2001, 85, 12-17.	1.8	46
14	Kynurenine Pathway in Autism Spectrum Disorders in Children. <i>Neuropsychobiology</i> , 2017, 76, 82-88.	0.9	46
15	Serotonergic disturbances in autistic disorder: L-5-hydroxytryptophan administration to autistic youngsters increases the blood concentrations of serotonin in patients but not in controls. <i>Life Sciences</i> , 2005, 76, 2171-2183.	2.0	45
16	Ongoing episode of major depressive disorder is not associated with elevated plasma levels of kynurenine pathway markers. <i>Psychoneuroendocrinology</i> , 2015, 56, 12-22.	1.3	45
17	Inflammation-Induced Catabolism of Tryptophan and Tyrosine in Acute Ischemic Stroke. <i>Journal of Molecular Neuroscience</i> , 2013, 51, 893-902.	1.1	44
18	Psychobiological Aspects of Somatoform Disorders: Contributions of Monoaminergic Transmitter Systems. <i>Neuropsychobiology</i> , 2004, 49, 24-29.	0.9	43

#	ARTICLE	IF	CITATIONS
19	Depressive Symptoms in Crohn's Disease: Relationship with Immune Activation and Tryptophan Availability. <i>PLoS ONE</i> , 2013, 8, e60435.	1.1	39
20	The tryptophan catabolite or kynurenine pathway in schizophrenia: meta-analysis reveals dissociations between central, serum, and plasma compartments. <i>Molecular Psychiatry</i> , 2022, 27, 3679-3691.	4.1	39
21	Activation of the Kynurenine Pathway in the Acute Phase of Stroke and its Role in Fatigue and Depression Following Stroke. <i>Journal of Molecular Neuroscience</i> , 2014, 54, 181-187.	1.1	38
22	Serotonergic markers and lowered plasma branched-chain-amino acid concentrations in fibromyalgia. <i>Psychiatry Research</i> , 2000, 97, 11-20.	1.7	33
23	Brain Versus Blood: A Systematic Review on the Concordance Between Peripheral and Central Kynurenine Pathway Measures in Psychiatric Disorders. <i>Frontiers in Immunology</i> , 2021, 12, 716980.	2.2	32
24	Development of a fast kinetic method for the determination of carboxypeptidase U (TAFIa) using C-terminal arginine containing peptides as substrate. <i>Analytical Biochemistry</i> , 2005, 340, 106-112.	1.1	30
25	A mood state-specific interaction between kynurenine metabolism and inflammation is present in bipolar disorder. <i>Bipolar Disorders</i> , 2020, 22, 59-69.	1.1	30
26	Immune and Neuroendocrine Trait and State Markers in Psychotic Illness: Decreased Kynurenines Marking Psychotic Exacerbations. <i>Frontiers in Immunology</i> , 2019, 10, 2971.	2.2	28
27	Serum Tryptophan, Tryptophan Catabolites and Brain-derived Neurotrophic Factor in Subgroups of Youngsters with Autism Spectrum Disorders. <i>CNS and Neurological Disorders - Drug Targets</i> , 2018, 17, 626-639.	0.8	24
28	Serum Phenylalanine, Tyrosine, and their Ratio in Acute Ischemic Stroke: on the Trail of a Biomarker?. <i>Journal of Molecular Neuroscience</i> , 2016, 58, 102-108.	1.1	23
29	Neurotoxic and neuroprotective metabolites of kynurenine in patients with renal cell carcinoma treated with interferon- $\alpha$ : Course and relationship with psychiatric status. <i>Psychiatry and Clinical Neurosciences</i> , 2008, 62, 597-602.	1.0	22
30	Prolyl carboxypeptidase purified from human placenta: its characterization and identification as an apelin-cleaving enzyme. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2016, 1864, 1481-1488.	1.1	19
31	Increased plasma levels of competing amino acids, rather than lowered plasma tryptophan levels, are associated with a non-response to treatment in major depression. <i>European Neuropsychopharmacology</i> , 2016, 26, 1286-1296.	0.3	15
32	Acute Ischemic Stroke Severity, Progression, and Outcome Relate to Changes in Dipeptidyl Peptidase IV and Fibroblast Activation Protein Activity. <i>Translational Stroke Research</i> , 2017, 8, 157-164.	2.3	15
33	Serotonin-immune interactions in detoxified chronic alcoholic patients without apparent liver disease: activation of the inflammatory response system and lower plasma total tryptophan. <i>Psychiatry Research</i> , 1998, 78, 151-161.	1.7	13
34	Validation of a specific prolylcarboxypeptidase activity assay and its suitability for plasma and serum measurements. <i>Analytical Biochemistry</i> , 2013, 443, 232-239.	1.1	13
35	Multiprobe molecular imaging of an NMDA receptor hypofunction rat model for glutamatergic dysfunction. <i>Psychiatry Research - Neuroimaging</i> , 2016, 248, 1-11.	0.9	13
36	Gas chromatographic analysis of sodium di-n-propylacetate in human plasma. <i>Journal of Chromatography A</i> , 1978, 160, 285-287.	1.8	12

#	ARTICLE	IF	CITATIONS
37	arboxypeptidase U at the Interface Between Coagulation and Fibrinolysis. Clinical and Applied Thrombosis/Hemostasis, 2001, 7, 93-101.	0.7	12
38	Prolyl Carboxypeptidase Activity Decline Correlates with Severity and Short-Term Outcome in Acute Ischemic Stroke. Neurochemical Research, 2015, 40, 81-88.	1.6	11
39	Simultaneous determination of p-aminobenzoic acid, acetyl-p-aminobenzoic acid and p-aminohippuric acid in serum and urine by capillary gas chromatography with use of a nitrogen-phosphorus detector. Clinica Chimica Acta, 1981, 115, 119-123.	0.5	8
40	Urinary Excretion of Purine and Pyrimidine Metabolites in the Neonate. Pediatric Research, 1993, 34, 762-766.	1.1	8
41	Dysregulated activities of proline-specific enzymes in septic shock patients (sepsis-2). PLoS ONE, 2020, 15, e0231555.	1.1	8
42	Faulty serotonin--DHEA interactions in autism: results of the 5-hydroxytryptophan challenge test. Neuroendocrinology Letters, 2008, 29, 385-90.	0.2	8
43	Release of the carboxyterminal arginine from atriopeptin II by human plasma carboxypeptidase N. Biochemical Society Transactions, 1988, 16, 359-360.	1.6	5
44	Tracking TRYCAT: A Critical Appraisal of Kynurenine Pathway Quantifications in Blood. Frontiers in Pharmacology, 2022, 13, 825948.	1.6	4
45	Plasma renin activities and the detection of angiotensin dependant hypertension. Clinical Biochemistry, 1979, 12, 234-235.	0.8	1
46	Role of the Kynurenine Pathway in Stroke. , 2015, , 215-232.		1
47	Dysregulated activities of proline-specific enzymes in septic shock patients (sepsis-2). , 2020, 15, e0231555.		0
48	Dysregulated activities of proline-specific enzymes in septic shock patients (sepsis-2). , 2020, 15, e0231555.		0
49	Dysregulated activities of proline-specific enzymes in septic shock patients (sepsis-2). , 2020, 15, e0231555.		0
50	Dysregulated activities of proline-specific enzymes in septic shock patients (sepsis-2). , 2020, 15, e0231555.		0