

# Tomasz Gos

## List of Publications by Year in descending order

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71  
papers

2,750  
citations

218677

26  
h-index

182427

51  
g-index

73  
all docs

73  
docs citations

73  
times ranked

3870  
citing authors

#	ARTICLE	IF	CITATIONS
1	Severe depression is associated with increased microglial quinolinic acid in subregions of the anterior cingulate gyrus: Evidence for an immune-modulated glutamatergic neurotransmission?. <i>Journal of Neuroinflammation</i> , 2011, 8, 94.	7.2	466
2	The Role of Dopamine in Schizophrenia from a Neurobiological and Evolutionary Perspective: Old Fashioned, but Still in Vogue. <i>Frontiers in Psychiatry</i> , 2014, 5, 47.	2.6	273
3	Different distribution patterns of lymphocytes and microglia in the hippocampus of patients with residual versus paranoid schizophrenia: Further evidence for disease course-related immune alterations?. <i>Brain, Behavior, and Immunity</i> , 2012, 26, 1273-1279.	4.1	165
4	Bridging the gap between the immune and glutamate hypotheses of schizophrenia and major depression: Potential role of glial NMDA receptor modulators and impaired blood-brain barrier integrity. <i>World Journal of Biological Psychiatry</i> , 2012, 13, 482-492.	2.6	130
5	The estimation of stature on the basis of measurements of the femur. <i>Forensic Science International</i> , 2005, 147, 185-190.	2.2	103
6	Acute schizophrenia is accompanied by reduced T cell and increased B cell immunity. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2010, 260, 509-518.	3.2	95
7	S100B-immunopositive glia is elevated in paranoid as compared to residual schizophrenia: A morphometric study. <i>Journal of Psychiatric Research</i> , 2008, 42, 868-876.	3.1	94
8	S100B-immunopositive astrocytes and oligodendrocytes in the hippocampus are differentially afflicted in unipolar and bipolar depression: A postmortem study. <i>Journal of Psychiatric Research</i> , 2013, 47, 1694-1699.	3.1	92
9	Dysregulation of GABAergic Neurotransmission in Mood Disorders: A Postmortem Study. <i>Annals of the New York Academy of Sciences</i> , 2007, 1096, 157-169.	3.8	77
10	Decreased quinolinic acid in the hippocampus of depressive patients: evidence for local anti-inflammatory and neuroprotective responses?. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2015, 265, 321-329.	3.2	65
11	Increased densities of T and B lymphocytes indicate neuroinflammation in subgroups of schizophrenia and mood disorder patients. <i>Brain, Behavior, and Immunity</i> , 2020, 88, 497-506.	4.1	62
12	Elevated S100B levels in schizophrenia are associated with insulin resistance. <i>Molecular Psychiatry</i> , 2010, 15, 3-4.	7.9	60
13	A New Pathophysiological Aspect of S100B in Schizophrenia: Potential Regulation of S100B by Its Scavenger Soluble RAGE. <i>Biological Psychiatry</i> , 2009, 65, 1107-1110.	1.3	59
14	Microglia in the dorsal raphe nucleus plays a potential role in both suicide facilitation and prevention in affective disorders. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2017, 267, 403-415.	3.2	50
15	Stress-induced synaptic changes in the rat anterior cingulate cortex are dependent on endocrine developmental time windows. <i>Synapse</i> , 2008, 62, 229-232.	1.2	47
16	Haloperidol and clozapine decrease S100B release from glial cells. <i>Neuroscience</i> , 2010, 167, 1025-1031.	2.3	46
17	The transgenerational transmission of childhood adversity: behavioral, cellular, and epigenetic correlates. <i>Journal of Neural Transmission</i> , 2016, 123, 1037-1052.	2.8	45
18	Reduced microglial immunoreactivity for endogenous NMDA receptor agonist quinolinic acid in the hippocampus of schizophrenia patients. <i>Brain, Behavior, and Immunity</i> , 2014, 41, 59-64.	4.1	42

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19	Suicide and depression in the quantitative analysis of glutamic acid decarboxylase-Immunoreactive neuropil. <i>Journal of Affective Disorders</i> , 2009, 113, 45-55.	4.1	37
20	Differences in activation of the dorsal raphe nucleus depending on performance of suicide. <i>Brain Research</i> , 2005, 1039, 43-52.	2.2	35
21	Increased nuclear Olig1-expression in the pregenual anterior cingulate white matter of patients with major depression: A regenerative attempt to compensate oligodendrocyte loss?. <i>Journal of Psychiatric Research</i> , 2013, 47, 1069-1079.	3.1	34
22	Demonstration of decreased activity of dorsal raphe nucleus neurons in depressed suicidal patients by the AgNOR staining method. <i>Journal of Affective Disorders</i> , 2008, 111, 251-260.	4.1	32
23	A postmortem assessment of mammillary body volume, neuronal number and densities, and fornix volume in subjects with mood disorders. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2012, 262, 637-646.	3.2	32
24	Volumetric Analysis of the Hypothalamus, Amygdala and Hippocampus in Non-Suicidal and Suicidal Mood Disorder Patients – A Post-Mortem Study. <i>CNS and Neurological Disorders - Drug Targets</i> , 2013, 12, 914-920.	1.4	32
25	Possible Impact of Microglial Cells and the Monocyte-Macrophage System on Suicidal Behavior. <i>CNS and Neurological Disorders - Drug Targets</i> , 2013, 12, 971-979.	1.4	31
26	Bilaterally reduced claustral volumes in schizophrenia and major depressive disorder: a morphometric postmortem study. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2016, 266, 25-33.	3.2	28
27	Tyrosine hydroxylase immunoreactivity in the locus coeruleus is elevated in violent suicidal depressive patients. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2008, 258, 513-520.	3.2	27
28	GABAergic system impairment in the hippocampus and superior temporal gyrus of patients with paranoid schizophrenia: A post-mortem study. <i>Schizophrenia Research</i> , 2016, 177, 10-17.	2.0	27
29	Postmortem activity of lactate and malate dehydrogenase in human liver in relation to time after death. <i>International Journal of Legal Medicine</i> , 1993, 106, 25-29.	2.2	26
30	A morphometric analysis of the septal nuclei in schizophrenia and affective disorders: reduced neuronal density in the lateral septal nucleus in bipolar disorder. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2011, 261, 47-58.	3.2	26
31	The role of microglia in neuropsychiatric disorders and suicide. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2022, 272, 929-945.	3.2	26
32	Reduced density of hypothalamic VGF-immunoreactive neurons in schizophrenia: a potential link to impaired growth factor signaling and energy homeostasis. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2012, 262, 365-374.	3.2	23
33	Dopamine-glutamate abnormalities in the frontal cortex associated with the catechol-O-methyltransferase (COMT) in schizophrenia. <i>Brain Research</i> , 2009, 1269, 166-175.	2.2	22
34	Protective effects of haloperidol and clozapine on energy-deprived OLN-93 oligodendrocytes. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2011, 261, 477-482.	3.2	21
35	The volumes of the fornix in schizophrenia and affective disorders: A post-mortem study. <i>Psychiatry Research - Neuroimaging</i> , 2008, 164, 265-273.	1.8	20
36	Immunohistochemical evidence for impaired nitric oxide signaling of the locus coeruleus in bipolar disorder. <i>Brain Research</i> , 2012, 1459, 91-99.	2.2	17

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37	Differences between unipolar and bipolar I depression in the quantitative analysis of glutamic acid decarboxylase-immunoreactive neuropil. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2012, 262, 647-655.	3.2	16
38	The effect of sorption promoters on percutaneous permeation of a model zwitterion baclofen. <i>International Journal of Pharmaceutics</i> , 1996, 137, 125-132.	5.2	14
39	Haemorrhages in head tissues during the asphyxiation process. <i>Forensic Science International</i> , 2001, 124, 235-236.	2.2	14
40	Demonstration of disturbed activity of external globus pallidus projecting neurons in depressed patients by the AgNOR staining method. <i>Journal of Affective Disorders</i> , 2009, 119, 149-155.	4.1	14
41	The changes of AgNOR parameters of anterior cingulate pyramidal neurons are region-specific in suicidal and non-suicidal depressive patients. <i>World Journal of Biological Psychiatry</i> , 2007, 8, 245-255.	2.6	13
42	Demonstration of disturbed activity of orbitofrontal pyramidal neurons in depressed patients by the AgNOR staining method. <i>Journal of Affective Disorders</i> , 2009, 118, 131-138.	4.1	13
43	Alarm pheromones as an exponent of emotional state shortly before death – Science fiction or a new challenge?. <i>Forensic Science International</i> , 2005, 155, 226-230.	2.2	12
44	Demonstration of disturbed activity of the lateral amygdaloid nucleus projection neurons in depressed patients by the AgNOR staining method. <i>Journal of Affective Disorders</i> , 2010, 126, 402-410.	4.1	12
45	Paternal deprivation affects the functional maturation of corticotropin-releasing hormone (CRH)- and calbindin-D28k-expressing neurons in the bed nucleus of the stria terminalis (BNST) of the biparental <i>Octodon degus</i> . <i>Brain Structure and Function</i> , 2014, 219, 1983-1990.	2.3	12
46	Calretinin and parvalbumin in schizophrenia and affective disorders: a mini-review, a perspective on the evolutionary role of calretinin in schizophrenia, and a preliminary post-mortem study of calretinin in the septal nuclei. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 393.	3.7	12
47	Ribosomal DNA transcription in the dorsal raphe nucleus is increased in residual but not in paranoid schizophrenia. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2015, 265, 117-126.	3.2	12
48	Decreased ribosomal DNA transcription in dorsal raphe nucleus neurons differentiates between suicidal and non-suicidal death. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2016, 266, 217-224.	3.2	12
49	Olfactory and tissue markers of fear in mammals including humans. <i>Medical Hypotheses</i> , 2011, 77, 1062-1067.	1.5	11
50	The post-mortem concentration of glutamate in the structures of rat brain as an exponent of short aversive sensory stimulation preceding death. <i>Forensic Science International</i> , 2001, 123, 130-134.	2.2	10
51	Complex Suicide by Self-stabbing with Subsequent Drowning in the Sea. <i>Journal of Forensic Sciences</i> , 2013, 58, 1370-1373.	1.6	10
52	Reduced habenular volumes and neuron numbers in male heroin addicts: a post-mortem study. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2021, 271, 835-845.	3.2	8
53	The changes in AgNOR parameters of dorsal raphe nucleus neurons are related to suicide. <i>Legal Medicine</i> , 2007, 9, 251-257.	1.3	7
54	Ribosomal DNA transcription in the anterior cingulate cortex is decreased in unipolar but not bipolar I depression. <i>Psychiatry Research</i> , 2013, 210, 338-345.	3.3	7

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55	Evaluation of the emotional state shortly before death -science-fiction or a new challenge?. International Journal of Legal Medicine, 1996, 108, 327-328.	2.2	6
56	Decreased ribosomal DNA transcription in dorsal raphe nucleus neurons is specific for suicide regardless of psychiatric diagnosis. Psychiatry Research, 2016, 241, 43-46.	3.3	6
57	Helium detection in the lungs in case of suicide by helium inhalation – Case report and literature review. Romanian Journal of Legal Medicine, 2014, 22, 153-156.	0.3	6
58	Reduced ribosomal DNA transcription in the prefrontal cortex of suicide victims: consistence of new molecular RT-qPCR findings with previous morphometric data from AgNOR-stained pyramidal neurons. European Archives of Psychiatry and Clinical Neuroscience, 2021, 271, 567-576.	3.2	5
59	Postmortem-Assessed Impairment of Neuronal Activity in Depression: The Dominant Impact of Suicide. CNS and Neurological Disorders - Drug Targets, 2013, 12, 930-935.	1.4	5
60	Constitutive Nitric Oxide Synthase Activity in the Prefrontal Cortex of Rats as an Index of Emotional State Before Death. Neural Plasticity, 2000, 7, 205-211.	2.2	4
61	Ribosomal DNA transcription in dorsal raphe nucleus neurons is increased in residual schizophrenia compared to depressed patients with affective disorders. Psychiatry Research, 2015, 230, 233-241.	3.3	4
62	Fatal haemorrhage from an aortoesophageal fistula secondary to button battery ingestion in a 15-month-old child. Case report and literature review. Legal Medicine, 2020, 45, 101707.	1.3	4
63	Ribosomal DNA transcription in prefrontal pyramidal neurons is decreased in suicide. European Archives of Psychiatry and Clinical Neuroscience, 2020, 270, 859-867.	3.2	3
64	Fake gunshot wounds in the skull – post-mortem artifact caused by steel probe during police search for a missing body. International Journal of Legal Medicine, 2021, 135, 879-883.	2.2	3
65	Reduced GABAergic neuropil and interneuron profiles in schizophrenia: Complementary analysis of disease course-related differences. Journal of Psychiatric Research, 2022, 145, 50-59.	3.1	3
66	Correction: Severe depression is associated with increased microglial quinolinic acid in subregions of the anterior cingulate gyrus: evidence for an immune-modulated glutamatergic neurotransmission?. Journal of Neuroinflammation, 2013, 10, .	7.2	2
67	Review: Involvement of the Cavum Septi Pellucidi and the Fornix in the Neuropathology of Schizophrenia and Affective Disorders. Current Psychiatry Reviews, 2012, 8, 161-167.	0.9	2
68	Ribosomal DNA transcription is increased in the left nucleus accumbens of heroin-dependent males. European Archives of Psychiatry and Clinical Neuroscience, 2022, 272, 1603-1609.	3.2	2
69	Volumetric analysis of the diagonal band of Broca in patients with schizophrenia and affective disorders: A post-mortem study. Clinical Anatomy, 2016, 29, 466-472.	2.7	1
70	Clinical anatomy of the spatial structure of the right ventricular outflow trac. Advances in Clinical and Experimental Medicine, 2021, 31, 33-40.	1.4	1
71	AgNOR parameters of dorsal raphe nucleus neurons as a potential diagnostic tool which could aid the differentiation between suicidal and non-suicidal death. European Archives of Psychiatry and Clinical Neuroscience, 2021, 271, 587-589.	3.2	0