

# Jan Bert Gramsbergen

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20  
papers

396  
citations

12  
h-index

19  
g-index

21  
ext. papers

486  
ext. citations

5  
avg, IF

3.23  
L-index

#	Paper	IF	Citations
20	Biomarker Research in Parkinson's Disease Using Metabolite Profiling. <i>Metabolites</i> , <b>2017</b> , 7,	5.6	63
19	Changes in kynurenine pathway metabolism in Parkinson patients with L-DOPA-induced dyskinesia. <i>Journal of Neurochemistry</i> , <b>2017</b> , 142, 756-766	6	60
18	Excitotoxic effects of non-NMDA receptor agonists in organotypic corticostriatal slice cultures. <i>Brain Research</i> , <b>1999</b> , 841, 143-59	3.7	47
17	Quantitative on-line monitoring of hippocampus glucose and lactate metabolism in organotypic cultures using biosensor technology. <i>Journal of Neurochemistry</i> , <b>2003</b> , 85, 399-408	6	33
16	On-line monitoring of striatum glucose and lactate in the endothelin-1 rat model of transient focal cerebral ischemia using microdialysis and flow-injection analysis with biosensors. <i>Journal of Neuroscience Methods</i> , <b>2004</b> , 140, 93-101	3	28
15	Effect of aging and Alzheimer's disease-like pathology on brain monoamines in mice. <i>Neurochemistry International</i> , <b>2017</b> , 108, 238-245	4.4	27
14	Pyruvate protects against 3-nitropropionic acid neurotoxicity in corticostriatal slice cultures. <i>NeuroReport</i> , <b>2000</b> , 11, 2743-7	1.7	19
13	Carbon Monoxide Releasing Molecule-A1 (CORM-A1) Improves Neurogenesis: Increase of Neuronal Differentiation Yield by Preventing Cell Death. <i>PLoS ONE</i> , <b>2016</b> , 11, e0154781	3.7	17
12	Nitration of soluble proteins in organotypic culture models of Parkinson's disease. <i>Neurochemistry International</i> , <b>2008</b> , 52, 487-94	4.4	16
11	TNF deficiency causes alterations in the spatial organization of neurogenic zones and alters the number of microglia and neurons in the cerebral cortex. <i>Brain, Behavior, and Immunity</i> , <b>2019</b> , 82, 279-297	16.6	15
10	Intermittent, low dose carbon monoxide exposure enhances survival and dopaminergic differentiation of human neural stem cells. <i>PLoS ONE</i> , <b>2018</b> , 13, e0191207	3.7	14
9	3-Nitropropionic acid neurotoxicity in hippocampal slice cultures: developmental and regional vulnerability and dependency on glucose. <i>Experimental Neurology</i> , <b>2002</b> , 176, 237-46	5.7	12
8	Serotonin mediates rapid changes of striatal glucose and lactate metabolism after systemic 3,4-methylenedioxymethamphetamine (MDMA, "Ecstasy") administration in awake rats. <i>Neurochemistry International</i> , <b>2007</b> , 51, 8-15	4.4	11
7	Quantitative on-line monitoring of cellular glucose and lactate metabolism in vitro with slow perfusion. <i>Analytical Chemistry</i> , <b>2004</b> , 76, 5431-5	7.8	10
6	Established amyloid- $\beta$ pathology is unaffected by chronic treatment with the selective serotonin reuptake inhibitor paroxetine. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , <b>2018</b> , 4, 215-223	6	9
5	Cyclosporin A ameliorates cerebral oxidative metabolism and infarct size in the endothelin-1 rat model of transient cerebral ischaemia. <i>Scientific Reports</i> , <b>2019</b> , 9, 3702	4.9	7
4	In Vivo Microdialysis of Endogenous and C-labeled TCA Metabolites in Rat Brain: Reversible and Persistent Effects of Mitochondrial Inhibition and Transient Cerebral Ischemia. <i>Metabolites</i> , <b>2019</b> , 9,	5.6	3

3	Dopamine plasma clearance is increased in piglets compared to neonates during continuous dopamine infusion. <i>Acta Paediatrica, International Journal of Paediatrics</i> , <b>2018</b> , 107, 249-254	3.1	2
2	Ethyl Pyruvate Increases Post-Ischemic Levels of Mitochondrial Energy Metabolites: A C-Labeled Cerebral Microdialysis Study. <i>Metabolites</i> , <b>2020</b> , 10,	5.6	2
1	Microdialysis and Microfiltration: Technology and Cerebral Applications for Energy Substrates. <i>Advances in Neurobiology</i> , <b>2012</b> , 371-414	2.1	1