

# Stefan P Gazdzinski

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

2,375  
citations

186265

28  
h-index

214800

47  
g-index

57  
all docs

57  
docs citations

57  
times ranked

2522  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deformation-based morphometry of brain changes in alcohol dependence and abstinence. <i>NeuroImage</i> , 2007, 34, 879-887.	4.2	220
2	Cortical Thickness, Surface Area, and Volume of the Brain Reward System in Alcohol Dependence: Relationships to Relapse and Extended Abstinence. <i>Alcoholism: Clinical and Experimental Research</i> , 2011, 35, 1187-1200.	2.4	212
3	Body mass index and magnetic resonance markers of brain integrity in adults. <i>Annals of Neurology</i> , 2008, 63, 652-657.	5.3	162
4	Cigarette Smoking Exacerbates Chronic Alcohol-Induced Brain Damage: A Preliminary Metabolite Imaging Study. <i>Alcoholism: Clinical and Experimental Research</i> , 2004, 28, 1849-1860.	2.4	149
5	Tract-based spatial statistics (TBSS) of diffusion tensor imaging data in alcohol dependence: Abnormalities of the motivational neurocircuitry. <i>Psychiatry Research - Neuroimaging</i> , 2009, 173, 22-30.	1.8	112
6	Temporal dynamics and determinants of whole brain tissue volume changes during recovery from alcohol dependence. <i>Drug and Alcohol Dependence</i> , 2005, 78, 263-273.	3.2	104
7	Brain Morphology at Entry into Treatment for Alcohol Dependence Is Related to Relapse Propensity. <i>Biological Psychiatry</i> , 2011, 70, 561-567.	1.3	91
8	The neurobiological and neurocognitive consequences of chronic cigarette smoking in alcohol use disorders. <i>Alcohol and Alcoholism</i> , 2007, 42, 174-185.	1.6	88
9	Cerebral white matter recovery in abstinent alcoholics—a multimodality magnetic resonance study. <i>Brain</i> , 2010, 133, 1043-1053.	7.6	87
10	Combined Neuroimaging, Neurocognitive and Psychiatric Factors to Predict Alcohol Consumption Following Treatment for Alcohol Dependence. <i>Alcohol and Alcoholism</i> , 2008, 43, 683-691.	1.6	74
11	Brain Metabolite Concentrations and Neurocognition During Short-term Recovery from Alcohol Dependence: Preliminary Evidence of the Effects of Concurrent Chronic Cigarette Smoking. <i>Alcoholism: Clinical and Experimental Research</i> , 2006, 30, 539-551.	2.4	72
12	BMI and Neuronal Integrity in Healthy, Cognitively Normal Elderly: A Proton Magnetic Resonance Spectroscopy Study. <i>Obesity</i> , 2010, 18, 743-748.	3.0	70
13	Chronic cigarette smoking in alcohol dependence: associations with cortical thickness and N-acetylaspartate levels in the extended brain reward system. <i>Addiction Biology</i> , 2013, 18, 379-391.	2.6	66
14	Chronic cigarette smoking modulates injury and short-term recovery of the medial temporal lobe in alcoholics. <i>Psychiatry Research - Neuroimaging</i> , 2008, 162, 133-145.	1.8	64
15	Serial longitudinal magnetic resonance imaging data indicate non-linear regional gray matter volume recovery in abstinent alcohol-dependent individuals. <i>Addiction Biology</i> , 2015, 20, 956-967.	2.6	58
16	Chronic Cigarette Smoking in Healthy Middle-Aged Individuals Is Associated With Decreased Regional Brain N-acetylaspartate and Glutamate Levels. <i>Biological Psychiatry</i> , 2016, 79, 481-488.	1.3	57
17	A comparison of neurocognitive function in nonsmoking and chronically smoking short-term abstinent alcoholics. <i>Alcohol</i> , 2006, 39, 1-11.	1.7	52
18	Interactive effects of chronic cigarette smoking and age on brain volumes in controls and alcohol-dependent individuals in early abstinence. <i>Addiction Biology</i> , 2014, 19, 132-143.	2.6	51

#	ARTICLE	IF	CITATIONS
19	Hierarchical linear modeling (HLM) of longitudinal brain structural and cognitive changes in alcohol-dependent individuals during sobriety. <i>Drug and Alcohol Dependence</i> , 2007, 91, 195-204.	3.2	48
20	MRSI and DTI: a multimodal approach for improved detection of white matter abnormalities in alcohol and nicotine dependence. <i>NMR in Biomedicine</i> , 2009, 22, 516-522.	2.8	45
21	Chronic Smoking Is Associated With Differential Neurocognitive Recovery in Abstinent Alcoholic Patients: A Preliminary Investigation. <i>Alcoholism: Clinical and Experimental Research</i> , 2007, 31, 1114-1127.	2.4	43
22	Effects of Chronic Alcohol Dependence and Chronic Cigarette Smoking on Cerebral Perfusion: A Preliminary Magnetic Resonance Study. <i>Alcoholism: Clinical and Experimental Research</i> , 2006, 30, 947-958.	2.4	41
23	Long-Term Consumption of High-Fat Diet in Rats: Effects on Microglial and Astrocytic Morphology and Neuronal Nitric Oxide Synthase Expression. <i>Cellular and Molecular Neurobiology</i> , 2017, 37, 783-789.	3.3	38
24	Are treated alcoholics representative of the entire population with alcohol use disorders? A magnetic resonance study of brain injury. <i>Alcohol</i> , 2008, 42, 67-76.	1.7	37
25	Metabolite Levels in the Brain Reward Pathway Discriminate Those Who Remain Abstinent From Those Who Resume Hazardous Alcohol Consumption After Treatment for Alcohol Dependence*. <i>Journal of Studies on Alcohol and Drugs</i> , 2010, 71, 278-289.	1.0	36
26	The Impact of Chronic Cigarette Smoking on Recovery From Cortical Gray Matter Perfusion Deficits in Alcohol Dependence: Longitudinal Arterial Spin Labeling MRI. <i>Alcoholism: Clinical and Experimental Research</i> , 2009, 33, 1314-1321.	2.4	34
27	Structural brain differences in alcohol-dependent individuals with and without comorbid substance dependence. <i>Drug and Alcohol Dependence</i> , 2014, 144, 170-177.	3.2	32
28	Cortical perfusion in alcohol-dependent individuals during short-term abstinence: relationships to resumption of hazardous drinking after treatment. <i>Alcohol</i> , 2010, 44, 201-210.	1.7	31
29	Body Mass Index Is Associated With Brain Metabolite Levels in Alcohol Dependence—A Multimodal Magnetic Resonance Study. <i>Alcoholism: Clinical and Experimental Research</i> , 2010, 34, 2089-2096.	2.4	24
30	Regional brain volume changes in alcohol-dependent individuals during early abstinence: associations with relapse following treatment. <i>Addiction Biology</i> , 2017, 22, 1416-1425.	2.6	24
31	The relationships of sociodemographic factors, medical, psychiatric, and substance-misuse co-morbidities to neurocognition in short-term abstinent alcohol-dependent individuals. <i>Alcohol</i> , 2008, 42, 439-449.	1.7	23
32	Measures of Learning, Memory and Processing Speed Accurately Predict Smoking Status in Short-term Abstinent Treatment-seeking Alcohol-dependent Individuals. <i>Alcohol and Alcoholism</i> , 2010, 45, 507-513.	1.6	23
33	Gastric Ulcer Hemorrhage - a Potential Life-Threatening Complication of Intra-gastric Balloon Treatment of Obesity. <i>Obesity Facts</i> , 2017, 10, 153-159.	3.4	17
34	Does Long-Term High Fat Diet Always Lead to Smaller Hippocampi Volumes, Metabolite Concentrations, and Worse Learning and Memory? A Magnetic Resonance and Behavioral Study in Wistar Rats. <i>PLoS ONE</i> , 2015, 10, e0139987.	2.5	16
35	A mathematical formula for prediction of gray and white matter volume recovery in abstinent alcohol dependent individuals. <i>Psychiatry Research - Neuroimaging</i> , 2011, 194, 198-204.	1.8	15
36	Hypoxia and Coriolis Illusion in Pilots During Simulated Flight. <i>Aerospace Medicine and Human Performance</i> , 2016, 87, 108-113.	0.4	13

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37	Assessment of Risk Factors for Development of Overweight and Obesity among Soldiers of Polish Armed Forces Participating in the National Health Programme 2016–2020. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3069.	2.6	9
38	Changes in resting metabolic rate and body composition due to intragastric balloon therapy. <i>Surgery for Obesity and Related Diseases</i> , 2020, 16, 34-39.	1.2	8
39	Intragastric balloon therapy leads to normalization of brain magnetic resonance spectroscopic markers of diabetes in morbidly obese patients. <i>NMR in Biomedicine</i> , 2018, 31, e3957.	2.8	7
40	Follow-up analyses on the effects of long-term use of high fat diet on hippocampal metabolite concentrations in Wistar rats: Comparing Tarquin quantification of 7.0T rat metabolites to LCMoDel. <i>Biology, Engineering and Medicine</i> , 2017, 2, .	0.1	3
41	Real Life Changes in Physical Activity Due to Intragastric Balloon Therapy and Their Relationship to Improving Cognitive Functions: Preliminary Findings. <i>Obesity Surgery</i> , 2020, 30, 2821-2825.	2.1	2
42	Effects of All-Night Driving on Selective Attention in Professional Truck Drivers: A Preliminary Functional Magnetic Resonance Study. <i>Energies</i> , 2021, 14, 5409.	3.1	2
43	EFFECTS OF GRADUAL ONSET +GZ ON HEMODYNAMIC PARAMETERS AND BRAIN OXYGENATION IN MILITARY PILOTS: PRELIMINARY STUDY. <i>The Polish Journal of Aviation Medicine Bioengineering and Psychology</i> , 2017, 22, 5-11.	0.0	2
44	APPLICATION OF HUMAN CENTRIFUGE TO SIMULATE PARABOLIC FLIGHT: EARLY EXPERIENCE. <i>The Polish Journal of Aviation Medicine Bioengineering and Psychology</i> , 2019, 24, 21-25.	0.0	2
45	The Effect of Stress Coping on Mood Variability in Morbidly Obese Patients Qualified for Intragastric Balloon Treatment: Preliminary Results. <i>Bariatric Surgical Patient Care</i> , 0, , .	0.5	1
46	THE POTENTIAL INFLUENCE OF OBESITY ON THE ABILITY TO DRIVE. <i>The Polish Journal of Aviation Medicine Bioengineering and Psychology</i> , 2018, 23, 22-28.	0.0	1
47	HEMODYNAMIC PARAMETERS AND BRAIN OXYGENATION IN MILITARY PILOTS AS A FUNCTION OF ACCELERATION'S DURATION AT 4G AND AT 6G: A PRELIMINARY STUDY. <i>The Polish Journal of Aviation Medicine Bioengineering and Psychology</i> , 2018, 23, 5-10.	0.0	1
48	LOWER BODY NEGATIVE PRESSURE TRAINING LEADS TO LASTING REDUCTION IN CEREBRAL BLOOD FLOW: A PRELIMINARY STUDY USING ARTERIAL SPIN LABELING PERFUSION MRI. <i>The Polish Journal of Aviation Medicine Bioengineering and Psychology</i> , 2020, 24, 36-46.	0.0	1
49	Health Behaviors of Patients Qualified for Bariatric Surgery: The Role of Excess Body Weight, Age, and Depressive Symptoms. <i>Bariatric Surgical Patient Care</i> , 2018, 13, 38-43.	0.5	0
50	Gray matter volume increases induced by intragastric balloon treatment and their associations with neuroinflammation: A magnetic resonance study. <i>Obesity Research and Clinical Practice</i> , 2021, 15, 455-460.	1.8	0
51	INITIAL DEPRESSION AND NORMALIZATION OF HIGHER EXTREMITY OXYGENATION IN AN AUTISTIC GIRL DUE TO KINESITHERAPY USING AN ADAPTED HIGH ALTITUDE PROTECTION SUIT: A CASE STUDY. <i>The Polish Journal of Aviation Medicine Bioengineering and Psychology</i> , 2020, 24, 19-22.	0.0	0
52	VOXEL-WISE ANALYSES OF THE IMPACT OF HIGH-FAT DIET ON BRAIN STRUCTURE IN WISTAR RATS. <i>The Polish Journal of Aviation Medicine Bioengineering and Psychology</i> , 2020, 24, 20-26.	0.0	0
53	PHYSIOLOGICAL CORRELATES OF ALMOST LOSS OF CONSCIOUSNESS (A-LOC) DURING DYNAMIC FLIGHT SIMULATION (DFS) ON HUMAN CENTRIFUGE: A CASE REPORT. <i>The Polish Journal of Aviation Medicine Bioengineering and Psychology</i> , 2021, 25, 38-43.	0.0	0
54	THE INFLUENCE OF RELAXATION TRAINING TECHNIQUES ON PILOTS' LEVELS OF TOLERANCE TO MOTION SICKNESS SYMPTOMS DURING SIMULATED FLIGHT – PRELIMINARY RESULTS. <i>The Polish Journal of Aviation Medicine Bioengineering and Psychology</i> , 2019, 24, 35-37.	0.0	0

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55	COGNITIVE IMPROVEMENTS FOLLOWING BODY MASS REDUCTION INDUCED BY INTRAGASTRIC BALLOON PLACEMENT IN MORBIDLY OBESE PATIENTS. A PRELIMINARY STUDY. The Polish Journal of Aviation Medicine Bioengineering and Psychology, 2020, 24, 5-11.	0.0	0