Guido K W Frank

List of Publications by Year
in descending order

135 papers	8,058 citations	30070 54 h-index	51608 86 g-index
204 all docs	204 docs citations	204 times ranked	6108 citing authors

#	Article	IF	Citations
1	Increased Dopamine D2/D3 Receptor Binding After Recovery from Anorexia Nervosa Measured by Positron Emission Tomography and [11C]Raclopride. Biological Psychiatry, 2005, 58, 908-912.	1.3	314
2	Resting-State Functional Connectivity of Subgenual Anterior Cingulate Cortex in Depressed Adolescents. Biological Psychiatry, 2013, 74, 898-907.	1.3	300
3	Altered Reward Processing in Women Recovered From Anorexia Nervosa. American Journal of Psychiatry, 2007, 164, 1842-1849.	7.2	298
4	Anorexia Nervosa and Obesity are Associated with Opposite Brain Reward Response. Neuropsychopharmacology, 2012, 37, 2031-2046.	5.4	269
5	Altered Insula Response to Taste Stimuli in Individuals Recovered from Restricting-Type Anorexia Nervosa. Neuropsychopharmacology, 2008, 33, 513-523.	5.4	232
6	Sucrose activates human taste pathways differently from artificial sweetener. NeuroImage, 2008, 39, 1559-1569.	4.2	214
7	Reduced 5-HT2A receptor binding after recovery from anorexia nervosa. Biological Psychiatry, 2002, 52, 896-906.	1.3	197
8	Alterations in Brain Structures Related to Taste Reward Circuitry in Ill and Recovered Anorexia Nervosa and in Bulimia Nervosa. American Journal of Psychiatry, 2013, 170, 1152-1160.	7.2	191
9	Altered Dopamine Activity after Recovery from Restricting-Type Anorexia Nervosa. Neuropsychopharmacology, 1999, 21, 503-506.	5.4	166
10	Personality traits after recovery from eating disorders: Do subtypes differ?. International Journal of Eating Disorders, 2006, 39, 276-284.	4.0	160
11	Altered 5-HT2A Receptor Binding after Recovery from Bulimia-Type Anorexia Nervosa: Relationships to Harm Avoidance and Drive for Thinness. Neuropsychopharmacology, 2004, 29, 1143-1155.	5.4	158
12	Amygdala response and functional connectivity during emotion regulation: A study of 14 depressed adolescents. Journal of Affective Disorders, 2012, 139, 75-84.	4.1	158
13	Altered Brain Serotonin 5-HT1A Receptor Binding After Recovery From Anorexia Nervosa Measured by Positron Emission Tomography and [Carbonyl11C]WAY-100635. Archives of General Psychiatry, 2005, 62, 1032.	12.3	157
14	Altered Insula Response to Sweet Taste Processing After Recovery From Anorexia and Bulimia Nervosa. American Journal of Psychiatry, 2013, 170, 1143-1151.	7.2	157
15	Emotion-Dependent Functional Connectivity of the Default Mode Network in Adolescent Depression. Biological Psychiatry, 2015, 78, 635-646.	1.3	157
16	Normal Brain Tissue Volumes after Long-Term Recovery in Anorexia and Bulimia Nervosa. Biological Psychiatry, 2006, 59, 291-293.	1.3	151
17	Serotonin alterations in anorexia and bulimia nervosa: New insights from imaging studies. Physiology and Behavior, 2005, 85, 73-81.	2.1	149
18	Exaggerated 5-HT1A but Normal 5-HT2A Receptor Activity in Individuals Ill with Anorexia Nervosa. Biological Psychiatry, 2007, 61, 1090-1099.	1.3	142

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19	Altered Serotonin 2A Receptor Activity in Women Who Have Recovered From Bulimia Nervosa. American Journal of Psychiatry, 2001, 158, 1152-1155.	7.2	135
20	Anorexia and Bulimia Nervosa. Annual Review of Medicine, 2000, 51, 299-313.	12.2	134
21	Structural Neuroimaging of Anorexia Nervosa: Future Directions in the Quest for Mechanisms Underlying Dynamic Alterations. Biological Psychiatry, 2018, 83, 224-234.	1.3	120
22	Orbitofrontal cortex volume and brain reward response in obesity. International Journal of Obesity, 2015, 39, 214-221.	3.4	112
23	5HT2A Receptor Binding is Increased in Borderline Personality Disorder. Biological Psychiatry, 2007, 62, 580-587.	1.3	105
24	Altered Temporal Difference Learning in Bulimia Nervosa. Biological Psychiatry, 2011, 70, 728-735.	1.3	103
25	Altered Brain Reward Circuits in Eating Disorders: Chicken or Egg?. Current Psychiatry Reports, 2013, 15, 396.	4.5	102
26	A Double-Blind, Placebo-Controlled Study of Risperidone for the Treatment of Adolescents and Young Adults with Anorexia Nervosa: A Pilot Study. Journal of the American Academy of Child and Adolescent Psychiatry, 2011, 50, 915-924.	0.5	97
27	Heightened sensitivity to reward and punishment in anorexia nervosa. International Journal of Eating Disorders, 2011, 44, 317-324.	4.0	94
28	The medical complications associated with purging. International Journal of Eating Disorders, 2016, 49, 249-259.	4.0	94
29	Neurobiology of anorexia nervosa: Clinical implications of alterations of the function of serotonin and other neuronal systems. International Journal of Eating Disorders, 2005, 37, S15-S19.	4.0	93
30	Advances from neuroimaging studies in eating disorders. CNS Spectrums, 2015, 20, 391-400.	1.2	92
31	Heightened fear of uncertainty in anorexia and bulimia nervosa. International Journal of Eating Disorders, 2012, 45, 227-232.	4.0	88
32	Neuroimaging Studies in Eating Disorders. CNS Spectrums, 2004, 9, 539-549.	1.2	87
33	Reduced salience and default mode network activity in women with anorexia nervosa. Journal of Psychiatry and Neuroscience, 2014, 39, 178-188.	2.4	87
34	Altered structural and effective connectivity in anorexia and bulimia nervosa in circuits that regulate energy and reward homeostasis. Translational Psychiatry, 2016, 6, e932-e932.	4.8	87
35	Serotonin transporter binding after recovery from eating disorders. Psychopharmacology, 2007, 195, 315-324.	3.1	83
36	Altered striatal response to reward in bulimia nervosa after recovery. International Journal of Eating Disorders, 2010, 43, 289-294.	4.0	82

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37	Altered fimbria-fornix white matter integrity in anorexia nervosa predicts harm avoidance. Psychiatry Research - Neuroimaging, 2011, 192, 109-116.	1.8	79
38	Association of Elevated Reward Prediction Error Response With Weight Gain in Adolescent Anorexia Nervosa. American Journal of Psychiatry, 2017, 174, 557-565.	7.2	77
39	Increased amygdala activation is related to heart rate during emotion processing in adolescent subjects. Neuroscience Letters, 2007, 428, 109-114.	2.1	76
40	Current status of functional imaging in eating disorders. International Journal of Eating Disorders, 2012, 45, 723-736.	4.0	76
41	Localized Brain Volume and White Matter Integrity Alterations in Adolescent Anorexia Nervosa. Journal of the American Academy of Child and Adolescent Psychiatry, 2013, 52, 1066-1075.e5.	0.5	76
42	Large-Scale Hypoconnectivity Between Resting-State Functional Networks in Unmedicated Adolescent Major Depressive Disorder. Neuropsychopharmacology, 2016, 41, 2951-2960.	5.4	75
43	Use of nutritional supplements to increase the efficacy of fluoxetine in the treatment of anorexia nervosa. International Journal of Eating Disorders, 2004, 35, 10-15.	4.0	72
44	Altered Cerebral Perfusion in Executive, Affective, and Motor Networks During Adolescent Depression. Journal of the American Academy of Child and Adolescent Psychiatry, 2013, 52, 1076-1091.e2.	0.5	72
45	Interaction between serotonin transporter and dopamine D2/D3 receptor radioligand measures is associated with harm avoidant symptoms in anorexia and bulimia nervosa. Psychiatry Research - Neuroimaging, 2013, 211, 160-168.	1.8	71
46	Association of Brain Reward Learning Response With Harm Avoidance, Weight Gain, and Hypothalamic Effective Connectivity in Adolescent Anorexia Nervosa. JAMA Psychiatry, 2018, 75, 1071.	11.0	71
47	An Open Trial of Olanzapine in Anorexia Nervosa. Journal of Clinical Psychiatry, 2004, 65, 1480-1482.	2.2	71
48	Olanzapine treatment of anorexia nervosa: A retrospective study. International Journal of Eating Disorders, 2003, 33, 234-237.	4.0	69
49	Toward valid and reliable brain imaging results in eating disorders. International Journal of Eating Disorders, 2018, 51, 250-261.	4.0	69
50	Altered brain activity in women recovered from bulimic-type eating disorders after a glucose challenge: A pilot study. International Journal of Eating Disorders, 2006, 39, 76-79.	4.0	65
51	Cognitive Setâ€Shifting in Anorexia Nervosa. European Eating Disorders Review, 2012, 20, 343-349.	4.1	63
52	Brain imaging of serotonin after recovery from anorexia and bulimia nervosa. Physiology and Behavior, 2005, 86, 15-17.	2.1	58
53	The partial dopamine D2 receptor agonist aripiprazole is associated with weight gain in adolescent anorexia nervosa. International Journal of Eating Disorders, 2017, 50, 447-450.	4.0	58
54	Depressed adolescents demonstrate greater subgenual anterior cingulate activity. NeuroReport, 2009, 20, 440-444.	1.2	57

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55	Greater Insula White Matter Fiber Connectivity in Women Recovered from Anorexia Nervosa. Neuropsychopharmacology, 2016, 41, 498-507.	5.4	57
56	The evaluation of brain activity in response to taste stimuliâ€"a pilot study and method for central taste activation as assessed by event-related fMRI. Journal of Neuroscience Methods, 2003, 131, 99-105.	2.5	55
57	The Neurobiology of Eating Disorders. Child and Adolescent Psychiatric Clinics of North America, 2019, 28, 629-640.	1.9	55
58	CSF oxytocin and vasopressin levels after recovery from bulimia nervosa and anorexia nervosa, bulimic subtype. Biological Psychiatry, 2000, 48, 315-318.	1.3	50
59	Eating-related concerns, mood, and personality traits in recovered bulimia nervosa subjects: A replication study. International Journal of Eating Disorders, 2002, 32, 225-229.	4.0	48
60	Cortical thickness patterns as state biomarker of anorexia nervosa. International Journal of Eating Disorders, 2018, 51, 241-249.	4.0	48
61	The Role of Psychotropic Medications in the Management of Anorexia Nervosa: Rationale, Evidence and Future Prospects. CNS Drugs, 2016, 30, 419-442.	5.9	47
62	Motivation to eat and not to eat â€“ The psycho-biological conflict in anorexia nervosa. Physiology and Behavior, 2019, 206, 185-190.	2.1	42
63	Regional cerebral blood flow after recovery from anorexia or bulimia nervosa. International Journal of Eating Disorders, 2007, 40, 488-492.	4.0	39
64	Body size overestimation and its association with body mass index, body dissatisfaction, and drive for thinness in anorexia nervosa. Eating and Weight Disorders, 2015, 20, 449-455.	2.5	37
65	Association of Brain Reward Response With Body Mass Index and Ventral Striatal-Hypothalamic Circuitry Among Young Women With Eating Disorders. JAMA Psychiatry, 2021, 78, 1123.	11.0	37
66	Brain Structure in Acutely Underweight and Partially Weight-Restored Individuals With Anorexia Nervosa: A Coordinated Analysis by the ENIGMA Eating Disorders Working Group. Biological Psychiatry, 2022, 92, 730-738.	1.3	37
67	Altered response to meta-chlorophenylpiperazine in anorexia nervosa: Support for a persistent alteration of serotonin activity after short-term weight restoration. International Journal of Eating Disorders, 2001, 30, 57-68.	4.0	36
68	Prediction error and somatosensory insula activation in women recovered from anorexia nervosa. Journal of Psychiatry and Neuroscience, 2016, 41, 304-311.	2.4	36
69	White matter integrity is reduced in bulimia nervosa. International Journal of Eating Disorders, 2013, 46, 264-273.	4.0	34
70	5â€HT_{1A} receptor binding is increased after recovery from bulimia nervosa compared to control women and is associated with behavioral inhibition in both groups. International Journal of Eating Disorders, 2011, 44, 477-487.	4.0	33
71	Pain perception in recovered bulimia nervosa patients. International Journal of Eating Disorders, 2003, 34, 331-336.	4.0	32
72	Extremes of eating are associated with reduced neural taste discrimination. International Journal of Eating Disorders, 2016, 49, 603-612.	4.0	31

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73	Adolescent subgenual anterior cingulate activity is related to harm avoidance. NeuroReport, 2009, 20, 19-23.	1.2	30
74	Altered implicit category learning in anorexia nervosa.. Neuropsychology, 2012, 26, 191-201.	1.3	30
75	Recent Advances in Neuroimaging to Model Eating Disorder Neurobiology. Current Psychiatry Reports, 2015, 17, 559.	4.5	30
76	Recent advances in understanding anorexia nervosa. F1000Research, 2019, 8, 504.	1.6	29
77	Relationship of a 5-HT transporter functional polymorphism to 5-HT1A receptor binding in healthy women. Molecular Psychiatry, 2005, 10, 715-716.	7.9	28
78	The Perfect Storm - A Bio-Psycho-Social Risk Model for Developing and Maintaining Eating Disorders. Frontiers in Behavioral Neuroscience, 2016, 10, 44.	2.0	28
79	Could Dopamine Agonists Aid in Drug Development for Anorexia Nervosa?. Frontiers in Nutrition, 2014, 1, 19.	3.7	27
80	Positron emission tomography studies in eating disorders: multireceptor brain imaging, correlates with behavior and implications for pharmacotherapy. Nuclear Medicine and Biology, 2005, 32, 755-761.	0.6	25
81	A longitudinal case series of IM ketamine for patients with severe and enduring eating disorders and comorbid treatmentâ€resistant depression. Clinical Case Reports (discontinued), 2021, 9, e03869.	0.5	25
82	Sertraline in underweight binge eating/purging-type eating disorders: Five case reports. International Journal of Eating Disorders, 2001, 29, 495-498.	4.0	24
83	Simulating category learning and set shifting deficits in patients weight-restored from anorexia nervosa.. Neuropsychology, 2014, 28, 741-751.	1.3	23
84	Neuroimaging and eating disorders. Current Opinion in Psychiatry, 2019, 32, 478-483.	6.3	22
85	Understanding Neuronal Architecture in Obesity through Analysis of White Matter Connection Strength. Frontiers in Human Neuroscience, 2016, 10, 271.	2.0	21
86	Aripiprazole, a partial dopamine agonist to improve adolescent anorexia nervosaâ€”A case series. International Journal of Eating Disorders, 2016, 49, 529-533.	4.0	21
87	Neural correlates of habituation to taste stimuli in healthy women. Psychiatry Research - Neuroimaging, 2006, 147, 57-67.	1.8	19
88	Advances in the diagnosis of anorexia nervosa and bulimia nervosa using brain imaging. Expert Opinion on Medical Diagnostics, 2012, 6, 235-244.	1.6	18
89	The effects of energy balance, obesity-proneness and sex on the neuronal response to sweet taste. Behavioural Brain Research, 2015, 278, 446-452.	2.2	18
90	Pharmacotherapeutic strategies for the treatment of anorexia nervosa â€“ too much for one drug?. Expert Opinion on Pharmacotherapy, 2020, 21, 1045-1058.	1.8	18

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91	Regional cerebral blood flow after recovery from bulimia nervosa. Psychiatry Research - Neuroimaging, 2000, 100, 31-39.	1.8	17
92	Interrelationships between the size of the pancreas and the weight of patients with eating disorders. , 2000, 27, 297-303.		16
93	Altered sensitization patterns to sweet food stimuli in patients recovered from anorexia and bulimia nervosa. Psychiatry Research - Neuroimaging, 2015, 234, 305-313.	1.8	16
94	What Causes Eating Disorders, and What Do They Cause?. Biological Psychiatry, 2015, 77, 602-603.	1.3	15
95	Could Reduced Cerebrospinal Fluid (CSF) Galanin Contribute to Restricted Eating in Anorexia Nervosa?. Neuropsychopharmacology, 2001, 24, 706-709.	5.4	14
96	Neural correlates of taste reward value across eating disorders. Psychiatry Research - Neuroimaging, 2019, 288, 76-84.	1.8	14
97	Body size overestimation in anorexia nervosa: Contributions of cognitive, affective, tactile and visual information. Psychiatry Research, 2021, 297, 113705.	3.3	13
98	The potential role of stimulants in treating eating disorders. International Journal of Eating Disorders, 2022, 55, 318-331.	4.0	13
99	Reward and Neurocomputational Processes. Current Topics in Behavioral Neurosciences, 2010, 6, 95-110.	1.7	9
100	Speaking of that: Terms to avoid or reconsider in the eating disorders field. International Journal of Eating Disorders, 2016, 49, 349-353.	4.0	9
101	Sensitive detection of the activation state of blood coagulation in porcine DIC models by a new fibrin immunoassay. Blood Coagulation and Fibrinolysis, 1993, 4, 103-106.	1.0	8
102	The Neural Correlates of Cued Reward Omission. Frontiers in Human Neuroscience, 2021, 15, 615313.	2.0	8
103	Introduction to a special issue on eating disorders and gastrointestinal symptomsâ€"The chicken or the egg?. International Journal of Eating Disorders, 2021, 54, 911-912.	4.0	8
104	From Desire to Dreadâ€"A Neurocircuitry Based Model for Food Avoidance in Anorexia Nervosa. Journal of Clinical Medicine, 2021, 10, 2228.	2.4	8
105	Open science practices for eating disorders research. International Journal of Eating Disorders, 2021, 54, 1719-1729.	4.0	8
106	Reduced gastrin releasing peptide in cerebrospinal fluid after recovery from bulimia nervosa. Appetite, 2001, 37, 9-14.	3.7	7
107	The current status of cognitive behavioral therapy for eating disorders: Marking the 51st Annual Convention of the Association of Behavioral and Cognitive Therapies. International Journal of Eating Disorders, 2017, 50, 1444-1446.	4.0	7
108	Dopamine D2 â^'141C Ins/Del and Taq1A polymorphisms, body mass index, and prediction error brain response. Translational Psychiatry, 2018, 8, 102.	4.8	7

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109	Associations between aerobic exercise and dopamine-related reward-processing: Informing a model of human exercise engagement. Biological Psychology, 2022, 171, 108350.	2.2	7
110	AMELIORATION OF ENDOTOXIN-INDUCED ACUTE LUNG INJURY IN PIGS BY HWA 138 AND A 80 2715. Shock, 1995, 4, 166-170.	2.1	5
111	Understanding implicit and explicit learning in adolescents with and without anorexia nervosa. Journal of Eating Disorders, 2021, 9, 77.	2.7	4
112	Brain Circuitry Models in Eating Disorders. Psychiatric Annals, 2011, 41, 526-531.	0.1	4
113	Serotonin transporter binding after recovery from eating disorders. Psychopharmacology, 2008, 197, 521-522.	3.1	3
114	An 11-Year-Old Boy With Aspergerâ€™s Disorder Presenting With Aggression. American Journal of Psychiatry, 2013, 170, 963-966.	7.2	3
115	Is the pharmacological management of bulimia nervosa plausible?. Expert Opinion on Pharmacotherapy, 2020, 21, 2073-2075.	1.8	3
116	IJED support for eating disorders research in the time of COVID â€19. International Journal of Eating Disorders, 2020, 53, 1017-1020.	4.0	3
117	Eye blink and reward prediction error response in anorexia nervosa. International Journal of Eating Disorders, 2020, 53, 1544-1549.	4.0	3
118	Music to My Brain: Could Music Training Be Used to Improve Adolescent Brain Development?. Journal of the American Academy of Child and Adolescent Psychiatry, 2014, 53, 1147-1149.	0.5	2
119	Preface for international journal of eating disorders special issue medical complications in eating disorders. International Journal of Eating Disorders, 2016, 49, 215-215.	4.0	2
120	I know I am not out of control, but I just cannot shake the feeling: exploring feeling out of control in eating disorders. Eating and Weight Disorders, 2021, , 1.	2.5	2
121	Neuroimaging to Study Brain Reward Processing and Reward-Based Learning in Binge Eating Pathology. , 2020, , 121-135.		2
122	The Role of Neurotransmitter Systems in Eating and Substance Use Disorders. , 2014, , 47-70.		2
123	Neuroimaging of anorexia and bulimia. , 0, , 465-486.		1
124	Editorial to the virtual issue highlighting neuroscience based research in eating disorders to mark the 49th Society for Neuroscience Annual Meeting. International Journal of Eating Disorders, 2019, 52, 1332-1335.	4.0	1
125	An adolescent girl with signs and symptoms of anaphylaxis and negative immunologic workup: a case report. Journal of Medical Case Reports, 2020, 14, 49.	0.8	1
126	Persistence, Reward Dependence, and Sensitivity to Reward Are Associated With Unexpected Salience Response in Girls but Not in Adult Women: Implications for Psychiatric Vulnerabilities. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2021, , .	1.5	1

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127	Review of brain imaging in anorexia and bulimia nervosa. , 2018, , 113-130.		1
128	Response to Keating and Rossell. American Journal of Psychiatry, 2013, 170, 1367-1367.	7.2	0
129	Brain Reward Processing in Eating Disorders: Opportunities to Build Upon?. Journal of the American Academy of Child and Adolescent Psychiatry, 2016, 55, 929-930.	0.5	0
130	Ross <scp>D</scp>. <scp>C</scp>rosby: Scholar, teacher, mentor, and friend. Introducing a virtual issue honoring the contributions of <scp>R</scp>oss <scp>D</scp>. <scp>C</scp>rosby to the field of eating disorders. International Journal of Eating Disorders, 2017, 50, 1121-1123.	4.0	0
131	Eating Disorders (Anorexia Nervosa and Bulimia Nervosa, Binge Eating Disorder). , 2021, , .		0
132	Developmental Concerns in Psychopharmacological Treatment of Children and Adolescents with Eating Disorders. , 2011, , .		0
133	Anorexia and Undereating. Neuromethods, 2021, , 261-265.	0.3	0
134	Recent Advances in Neuroimaging Studies in Adolescents and Young Adults With Eating Disorders. , 2018, , 323-343.		0
135	Neuroimaging as a tool for unlocking developmental pathophysiology in anorexia and bulimia nervosa. , 0, , 245-258.		0