

# Johannes C Gerber

## List of Publications by Year in descending order

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Version: 2024-02-01

120  
papers

4,927  
citations

109321

35  
h-index

102487

66  
g-index

129  
all docs

129  
docs citations

129  
times ranked

4922  
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficacy and safety of nerinetide for the treatment of acute ischaemic stroke (ESCAPE-NA1): a multicentre, double-blind, randomised controlled trial. <i>Lancet, The</i> , 2020, 395, 878-887.	13.7	400
2	Differential Neural Responses Evoked by Orthonasal versus Retronasal Odorant Perception in Humans. <i>Neuron</i> , 2005, 47, 593-605.	8.1	385
3	Endovascular Therapy for Stroke Due to Basilar-Artery Occlusion. <i>New England Journal of Medicine</i> , 2021, 384, 1910-1920.	27.0	309
4	Correlation between olfactory bulb volume and olfactory function. <i>NeuroImage</i> , 2008, 42, 498-502.	4.2	265
5	Reduced olfactory bulb volume and olfactory sensitivity in patients with acute major depression. <i>Neuroscience</i> , 2010, 169, 415-421.	2.3	253
6	Early Recurrence and Cerebral Bleeding in Patients With Acute Ischemic Stroke and Atrial Fibrillation. <i>Stroke</i> , 2015, 46, 2175-2182.	2.0	213
7	Reduced olfactory bulb volume in post-traumatic and post-infectious olfactory dysfunction. <i>NeuroReport</i> , 2005, 16, 475-478.	1.2	176
8	Olfaction as a marker for depression in humans. <i>Journal of Affective Disorders</i> , 2014, 160, 80-86.	4.1	161
9	Increasing olfactory bulb volume due to treatment of chronic rhinosinusitis—a longitudinal study. <i>Brain</i> , 2009, 132, 3096-3101.	7.6	139
10	The functional neuroanatomy of odor evoked autobiographical memories cued by odors and words. <i>Neuropsychologia</i> , 2013, 51, 123-131.	1.6	109
11	Correlation of Olfactory Function With Changes in the Volume of the Human Olfactory Bulb. <i>JAMA Otolaryngology</i> , 2008, 134, 621.	1.2	106
12	Cross-modal integration of intranasal stimuli: A functional magnetic resonance imaging study. <i>Neuroscience</i> , 2007, 149, 223-231.	2.3	83
13	Cerebral Activation to Intranasal Chemosensory Trigeminal Stimulation. <i>Chemical Senses</i> , 2007, 32, 343-353.	2.0	80
14	Intranasal trigeminal function in subjects with and without an intact sense of smell. <i>Brain Research</i> , 2007, 1139, 235-244.	2.2	79
15	A salty-congruent odor enhances saltiness: Functional magnetic resonance imaging study. <i>Human Brain Mapping</i> , 2013, 34, 62-76.	3.6	75
16	Correlation between olfactory bulb volume and olfactory function in children and adolescents. <i>Experimental Brain Research</i> , 2011, 214, 285-291.	1.5	73
17	Perceptual differences between chemical stimuli presented through the ortho- or retronasal route. <i>Flavour and Fragrance Journal</i> , 2006, 21, 42-47.	2.6	67
18	Neural coding of stimulus concentration in the human olfactory and intranasal trigeminal systems. <i>Neuroscience</i> , 2008, 154, 832-838.	2.3	64

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19	Trigeminal activation using chemical, electrical, and mechanical stimuli. <i>Pain</i> , 2008, 139, 376-388.	4.2	60
20	The Depth of the Olfactory Sulcus Is an Indicator of Congenital Anosmia. <i>American Journal of Neuroradiology</i> , 2011, 32, 1911-1914.	2.4	59
21	Reliability of brain CT evaluation by stroke neurologists in telemedicine. <i>Neurology</i> , 2013, 80, 332-338.	1.1	58
22	Maternal status regulates cortical responses to the body odor of newborns. <i>Frontiers in Psychology</i> , 2013, 4, 597.	2.1	56
23	Human olfactory lateralization requires trigeminal activation. <i>NeuroImage</i> , 2014, 98, 289-295.	4.2	51
24	Olfactory bulb volume in patients with temporal lobe epilepsy. <i>Journal of Neurology</i> , 2013, 260, 1004-1008.	3.6	49
25	Diagnostic and Prognostic Impact of pASPECTS Applied to Perfusion CT in the Basilar Artery International Cooperation Study. <i>Journal of Neuroimaging</i> , 2015, 25, 384-389.	2.0	49
26	Taste laterality studied by means of umami and salt stimuli: An fMRI study. <i>NeuroImage</i> , 2012, 60, 426-435.	4.2	48
27	Heterosexual Men and Women Both Show a Hypothalamic Response to the Chemo-Signal Androstadienone. <i>PLoS ONE</i> , 2012, 7, e40993.	2.5	47
28	Central Processing of Trigeminal Activation in Humans. <i>Annals of the New York Academy of Sciences</i> , 2009, 1170, 190-195.	3.8	46
29	Brain structure is changed in congenital anosmia. <i>NeuroImage</i> , 2013, 83, 1074-1080.	4.2	46
30	Scoring flow restoration in cerebral angiograms after endovascular revascularization in acute ischemic stroke patients. <i>Neuroradiology</i> , 2015, 57, 227-240.	2.2	43
31	Intravenous thrombolysis or endovascular therapy for acute ischemic stroke associated with cervical internal carotid artery occlusion: the ICARO-3 study. <i>Journal of Neurology</i> , 2015, 262, 459-468.	3.6	43
32	Acute endovascular treatment delivery to ischemic stroke patients transferred within a telestroke network: a retrospective observational study. <i>International Journal of Stroke</i> , 2017, 12, 502-509.	5.9	43
33	Impaired Odor Perception in Autism Spectrum Disorder Is Associated with Decreased Activity in Olfactory Cortex. <i>Chemical Senses</i> , 2018, 43, 627-634.	2.0	42
34	Olfactory brain gray matter volume reduction in patients with chronic rhinosinusitis. <i>International Forum of Allergy and Rhinology</i> , 2017, 7, 551-556.	2.8	40
35	Alterations of Brain Gray Matter Density and Olfactory Bulb Volume in Patients with Olfactory Loss after Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2018, 35, 2632-2640.	3.4	39
36	Dissociated Representations of Pleasant and Unpleasant Olfacto-Trigeminal Mixtures: An fMRI Study. <i>PLoS ONE</i> , 2012, 7, e38358.	2.5	38

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37	The SPEED study: initial clinical evaluation of the Penumbra novel 054 Reperfusion Catheter. <i>Journal of NeuroInterventional Surgery</i> , 2013, 5, i74-i76.	3.3	38
38	Is there a correlation between hippocampus and amygdala volume and olfactory function in healthy subjects?. <i>NeuroImage</i> , 2012, 59, 1052-1057.	4.2	36
39	Olfactory bulb volume in smokers. <i>Experimental Brain Research</i> , 2013, 225, 153-157.	1.5	36
40	Efficacy and safety of direct aspiration first pass technique versus stent-retriever thrombectomy in acute basilar artery occlusion—a retrospective single center experience. <i>Neuroradiology</i> , 2017, 59, 297-304.	2.2	35
41	Altered neural network supporting declarative long-term memory in mild cognitive impairment. <i>Neurobiology of Aging</i> , 2009, 30, 284-298.	3.1	34
42	Prognostic value of trans-thoracic echocardiography in patients with acute stroke and atrial fibrillation: findings from the RAF study. <i>Journal of Neurology</i> , 2016, 263, 231-237.	3.6	32
43	Prediction of Early Recurrent Thromboembolic Event and Major Bleeding in Patients With Acute Stroke and Atrial Fibrillation by a Risk Stratification Schema. <i>Stroke</i> , 2017, 48, 726-732.	2.0	32
44	Altered Olfactory Processing of Stress-Related Body Odors and Artificial Odors in Patients with Panic Disorder. <i>PLoS ONE</i> , 2013, 8, e74655.	2.5	29
45	Does Human Body Odor Represent a Significant and Rewarding Social Signal to Individuals High in Social Openness?. <i>PLoS ONE</i> , 2014, 9, e94314.	2.5	29
46	Contrast-enhanced transcranial color-coded duplexsonography in stroke patients with limited bone windows. <i>American Journal of Neuroradiology</i> , 2000, 21, 509-14.	2.4	28
47	The smelling of Hedione results in sex-differentiated human brain activity. <i>NeuroImage</i> , 2015, 113, 365-373.	4.2	27
48	Cerebral processing of gustatory stimuli in patients with taste loss. <i>Behavioural Brain Research</i> , 2007, 185, 59-64.	2.2	26
49	The effect of verbal context on olfactory neural responses. <i>Human Brain Mapping</i> , 2014, 35, 810-818.	3.6	26
50	PET-based investigation of cerebral activation following intranasal trigeminal stimulation. <i>Human Brain Mapping</i> , 2009, 30, 1100-1104.	3.6	25
51	Olfactory function in patients with hyposmia compared to healthy subjects - An fMRI study. <i>Rhinology</i> , 2016, 54, 374-381.	1.3	24
52	Women with a History of Childhood Maltreatment Exhibit more Activation in Association Areas Following Non-Traumatic Olfactory Stimuli: A fMRI Study. <i>PLoS ONE</i> , 2010, 5, e9362.	2.5	23
53	Collateral state and the effect of endovascular reperfusion therapy on clinical outcome in ischemic stroke patients. <i>Brain and Behavior</i> , 2016, 6, e00513.	2.2	23
54	Differences in the central-nervous processing of olfactory stimuli according to their hedonic and arousal characteristics. <i>Neuroscience</i> , 2016, 324, 62-68.	2.3	23

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55	Olfactory function in patients with hyposmia compared to healthy subjects - An fMRI study. <i>Rhinology</i> , 2016, 54, 374-381.	1.3	23
56	Association of sleep apnea with clinically silent microvascular brain tissue changes in acute cerebral ischemia. <i>Journal of Neurology</i> , 2014, 261, 343-349.	3.6	22
57	Impaired brain response to odors in patients with varied severity of olfactory loss after traumatic brain injury. <i>Journal of Neurology</i> , 2018, 265, 2322-2332.	3.6	22
58	Safety of inter-hospital transfer of patients with acute ischemic stroke for evaluation of endovascular thrombectomy. <i>Scientific Reports</i> , 2020, 10, 5655.	3.3	22
59	Cross-modal integration of emotions in the chemical senses. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 883.	2.0	21
60	Oral texture influences the neural processing of ortho- and retronasal odors in humans. <i>Brain Research</i> , 2014, 1587, 77-87.	2.2	21
61	Olfactory bulb ventricles as a frequent finding in magnetic resonance imaging studies of the olfactory system. <i>Neuroscience</i> , 2009, 162, 482-485.	2.3	20
62	Noninvasive Assessment of the Circle of Willis in Cerebral Ischemia: The Potential of CT Angiography and Contrast-Enhanced Transcranial Color-Coded Duplexsonography. <i>Cerebrovascular Diseases</i> , 1999, 9, 290-294.	1.7	18
63	Expanding the clinical and neuroradiological phenotype of 6q27 microdeletion: Olfactory bulb aplasia and anosmia. <i>American Journal of Medical Genetics, Part A</i> , 2011, 155, 1981-1986.	1.2	17
64	Language Without Speech: Segregating Distinct Circuits in the Human Brain. <i>Cerebral Cortex</i> , 2020, 30, 812-823.	2.9	17
65	Olfactory bulb volume in patients with idiopathic normal pressure hydrocephalus. <i>Neuroradiology</i> , 2012, 54, 1229-1233.	2.2	16
66	Brain responses to odor mixtures with sub-threshold components. <i>Frontiers in Psychology</i> , 2013, 4, 786.	2.1	16
67	Hypoglycemia-induced choreoathetosis associated with hyperintense basal ganglia lesions in T1-weighted brain MRI. <i>Movement Disorders</i> , 2010, 25, 966-968.	3.9	15
68	Food-Related Odors and the Reward Circuit: Functional MRI. <i>Chemosensory Perception</i> , 2015, 8, 192-200.	1.2	15
69	Dissociated neural representations induced by complex and simple odorant molecules. <i>Neuroscience</i> , 2015, 287, 23-31.	2.3	14
70	IMS-3, SYNTHESIS, and MR RESCUE: No Disaster, but Down to Earth. <i>Clinical Neuroradiology</i> , 2013, 23, 1-3.	1.9	13
71	Therapeutic efficacy of brain imaging in acute ischemic stroke patients. <i>Journal of Neuroradiology</i> , 2015, 42, 47-54.	1.1	13
72	Choices of Stent and Cerebral Protection in the Ongoing ACST-2 Trial: A Descriptive Study. <i>European Journal of Vascular and Endovascular Surgery</i> , 2017, 53, 617-625.	1.5	12

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73	Learning to name smells increases activity in heteromodal semantic areas. <i>Human Brain Mapping</i> , 2017, 38, 5958-5969.	3.6	12
74	Endovascular therapy for anterior circulation large vessel occlusion in telestroke. <i>Journal of Telemedicine and Telecare</i> , 2021, 27, 159-165.	2.7	12
75	Cerebral processing of umami: A pilot study on the effects of familiarity. <i>Brain Research</i> , 2015, 1614, 67-74.	2.2	11
76	Predicting outcomes after acute reperfusion therapy for basilar artery occlusion. <i>European Journal of Neurology</i> , 2020, 27, 2176-2184.	3.3	11
77	Impact of thrombus surface on first pass reperfusion in contact aspiration and stent retriever thrombectomy. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 221-225.	3.3	11
78	No Effects of Handedness on Passive Processing of Olfactory Stimuli: An fMRI Study. <i>Chemosensory Perception</i> , 2012, 5, 22-26.	1.2	10
79	Mapping of language and motor function during awake neurosurgery with intraoperative optical imaging. <i>Neurosurgical Focus</i> , 2020, 48, E3.	2.3	10
80	Imaging-based selection for revascularization in acute ischemic stroke. <i>Current Opinion in Neurology</i> , 2016, 29, 20-29.	3.6	8
81	Telemedical Brain Computed Tomography Misinterpretation by Stroke Neurologists Is Not Associated with Thrombolysis-Related Intracranial Hemorrhage. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2015, 24, 1520-1526.	1.6	7
82	Prestroke CHA2DS2-VASc Score and Severity of Acute Stroke in Patients with Atrial Fibrillation: Findings from RAF Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017, 26, 1363-1368.	1.6	7
83	Association of Anesthetic Exposure Time With Clinical Outcomes After Endovascular Therapy for Acute Ischemic Stroke. <i>Frontiers in Neurology</i> , 2019, 10, 679.	2.4	7
84	Misjudgment of pre-stroke functional status contradicts beneficial outcomes after endovascular therapy for large vessel occlusion. <i>Journal of Neurology</i> , 2019, 266, 2060-2065.	3.6	7
85	Surgery of Low-Grade Gliomas Near Speech-Eloquent Regions: Brainmapping versus Preoperative Functional Imaging. <i>Oncology Research and Treatment</i> , 2002, 25, 552-557.	1.2	6
86	Olfactory Processing in Children and Young Adults. <i>Chemosensory Perception</i> , 2012, 5, 128-137.	1.2	6
87	Mechanical thrombectomy in acute ischaemic stroke patients with pre-interventional intracranial haemorrhage following intravenous thrombolysis. <i>Neuroradiology Journal</i> , 2021, 34, 456-461.	1.2	6
88	Anatomy of the nasal cavity determines intranasal trigeminal sensitivity. <i>Rhinology</i> , 2010, 48, 18-22.	1.3	6
89	Constitutional de novo and postzygotic mutations in isolated cases of cerebral cavernous malformations. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2017, 5, 21-27.	1.2	4
90	Sex-related differences in risk factors, type of treatment received and outcomes in patients with atrial fibrillation and acute stroke: Results from the RAF-study (Early Recurrence and Cerebral Bleeding in) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5		

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91	Role of Neuroimaging in Guiding Treatment Decisions on Endovascular Thrombectomy. <i>Neurology International Open</i> , 2017, 01, E18-E27.	0.4	4
92	Cerebral Venous Drainage in Patients With Space-Occupying Middle Cerebral Artery Infarction: Effects on Functional Outcome After Hemispherectomy. <i>Frontiers in Neurology</i> , 2018, 9, 876.	2.4	4
93	Team Prenotification Reduces Procedure Times for Patients With Acute Ischemic Stroke Due to Large Vessel Occlusion Who Are Transferred for Endovascular Therapy. <i>Frontiers in Neurology</i> , 2021, 12, 787161.	2.4	4
94	An Extremely Rare, Remote Intracerebral Metastasis of Oral Cavity Cancer: A Case Report. <i>Case Reports in Medicine</i> , 2013, 2013, 1-4.	0.7	3
95	Multimodal Computed Tomography Based Definition of Cerebral Imaging Profiles for Acute Stroke Reperfusion Therapy (CT-DEFINE): Results of a Prospective Observational Study. <i>Clinical Neuroradiology</i> , 2015, 25, 403-410.	1.9	3
96	Palatal Tremor with Progressive Ataxia Secondary to A Dural Arteriovenous Fistula. <i>Movement Disorders Clinical Practice</i> , 2019, 6, 327-329.	1.5	3
97	The effect of changing stimulus intensities on median nerve somatosensory-evoked potentials. <i>Electromyography and Clinical Neurophysiology</i> , 2000, 40, 477-82.	0.2	3
98	Improvement of Chronic Rhinitis Under Aspirin. <i>Respiratory Care</i> , 2012, 57, 460-463.	1.6	2
99	Treatment of acute ischemic stroke: systemic or local?. <i>Annals of the New York Academy of Sciences</i> , 2012, 1268, 79-84.	3.8	1
100	The Importance of Experienced Computer Tomographic Reading in the Setting of Telemedical Stroke Management. <i>Clinical Neuroradiology</i> , 2013, 23, 149-152.	1.9	1
101	Pearls & Oysters: Primary Cerebral Buerger Disease. <i>Neurology</i> , 2021, 97, 551-554.	1.1	1
102	Inadvertent hypothermia after endovascular therapy is not associated with improved outcome in stroke due to anterior circulation large vessel occlusion. <i>European Journal of Neurology</i> , 2021, 28, 2479-2487.	3.3	1
103	Association of Regular Thrombus Surface Phenotype With Complete Recanalization in First-Line Contact Aspiration Thrombectomy for Basilar Artery Occlusion. <i>Frontiers in Neurology</i> , 2021, 12, 666933.	2.4	1
104	Endovascular treatment of ischaemic stroke patients - new evidence and old challenges. <i>Vasa - European Journal of Vascular Medicine</i> , 2016, 45, 267-274.	1.4	1
105	Direct radiation exposure of the eye lenses in cranial computed tomography and exposure reduction through radiographer training. <i>Radiography</i> , 2022, 28, 823-830.	2.1	1
106	Congratulations, RÄ¼diger von Kummer!. <i>Clinical Neuroradiology</i> , 2011, 21, 121-122.	1.9	0
107	The Influence of Age on Brain Processing of Odors in Adolescent Girls. <i>Chemosensory Perception</i> , 2018, 11, 10-18.	1.2	0
108	NIMG-01. A BLINDED IMAGE EVALUATION STUDY TO DETERMINE THE DIAGNOSTIC EFFICACY OF 18F-FLUCICLOVINE PET, AS AN ADJUNCT TO MRI IMAGING, IN ADULTS WITH GLIOMA. <i>Neuro-Oncology</i> , 2018, 20, vi175-vi176.	1.2	0

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109	Paraneoplastic Syndrome and SARS-CoV-2â€™ Incremental Effect of 2 Thrombogenic Conditions?. CJC Open, 2021, 3, 217-220.	1.5	0
110	Adult Craniopharyngiomas: Long-Term Outcome after Surgical Resection. Journal of Neurological Surgery, Part B: Skull Base, 2014, 75, .	0.8	0
111	Recurrent Stroke in Two Children with Basilar Artery Occlusion and the Effects of Immunomodulatory Therapy. Neuropediatrics, 2014, 45, .	0.6	0
112	Abstract WP19: Transfer Selection for Endovascular Therapy of Ischemic Stroke within A Collaborative Network: Off-site Versus On-site Neurology Service. Stroke, 2017, 48, .	2.0	0
113	Abstract WP19: How Many Patients With Acute Ischemic Stroke Are Eligible to Apply Dawn and Defuse 3 Mismatch Criteria? Results From a Prospective Stroke Center Database. Stroke, 2019, 50, .	2.0	0
114	Abstract TP55: Comparable Benefit of Endovascular Therapy for Large Vessel Occlusion in Telestroke Patients. Stroke, 2019, 50, .	2.0	0
115	Abstract TP33: Diminished Likelihood of Favorable Stroke Outcomes Following Endovascular Therapy in Octogenarians. Stroke, 2019, 50, .	2.0	0
116	Einfluss der ThrombusoberflÃche auf die erfolgreiche Revaskularisation nach dem ersten ManÃ¶ver in der endovaskulÃren Schlaganfallbehandlung mittels direkter Thrombusaspiration und Stent Retriever. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2020, 192, .	1.3	0
117	Abstract TP43: Is Unintended Hypothermia After Endovascular Therapy Associated With Improved Functional Outcome of Patients With Acute Ischemic Stroke?. Stroke, 2020, 51, .	2.0	0
118	Abstract 2813: Acute Tele-Stroke-Service by Stroke Neurologists: Reliability of Clinically Relevant CT-Findings. Stroke, 2012, 43, .	2.0	0
119	Abstract T MP56: Challenges in Telethrombolysis: Is Underestimation of Early Ischemic Changes by Stroke Neurologists Associated With Symptomatic Intracranial Hemorrhage?. Stroke, 2014, 45, .	2.0	0
120	Abstract W P18: Evaluating Clot Burden and the Vascular Basis of Pial Collaterals with a Bimodal Angiographic Score. Stroke, 2015, 46, .	2.0	0