

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	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
2	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
3	Paraneoplastic Syndrome and SARS-CoV-2â€™ Incremental Effect of 2 Thrombogenic Conditions?. <i>CJC Open</i> , 2021, 3, 217-220.	1.5	0
4	Endovascular therapy for anterior circulation large vessel occlusion in telestroke. <i>Journal of Telemedicine and Telecare</i> , 2021, 27, 159-165.	2.7	12
5	Pearls & Oy-sters: Primary Cerebral Buerger Disease. <i>Neurology</i> , 2021, 97, 551-554.	1.1	1
6	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
7	Endovascular Therapy for Stroke Due to Basilar-Artery Occlusion. <i>New England Journal of Medicine</i> , 2021, 384, 1910-1920.	27.0	309
8	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
9	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
10	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
11	Language Without Speech: Segregating Distinct Circuits in the Human Brain. <i>Cerebral Cortex</i> , 2020, 30, 812-823.	2.9	17
12	Predicting outcomes after acute reperfusion therapy for basilar artery occlusion. <i>European Journal of Neurology</i> , 2020, 27, 2176-2184.	3.3	11
13	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
14	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
15	Mapping of language and motor function during awake neurosurgery with intraoperative optical imaging. <i>Neurosurgical Focus</i> , 2020, 48, E3.	2.3	10
16	Einfluss der Thrombusoberfläche auf die erfolgreiche Revaskularisation nach dem ersten Manöver in der endovaskulären Schlaganfallbehandlung mittels direkter Thrombusaspiration und Stent Retriever. <i>RoFo Fortschritte Auf Dem Gebiet Der Röntgenstrahlen Und Der Bildgebenden Verfahren</i> , 2020, 192, .	1.3	0
17	Abstract TP43: Is Unintended Hypothermia After Endovascular Therapy Associated With Improved Functional Outcome of Patients With Acute Ischemic Stroke?. <i>Stroke</i> , 2020, 51, .	2.0	0
18	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

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19	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
20	Palatal Tremor with Progressive Ataxia Secondary to A Dural Arteriovenous Fistula. <i>Movement Disorders Clinical Practice</i> , 2019, 6, 327-329.	1.5	3
21	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. <i>Stroke</i> , 2019, 50, .	2.0	0
22	Abstract TP55: Comparable Benefit of Endovascular Therapy for Large Vessel Occlusion in Telestroke Patients. <i>Stroke</i> , 2019, 50, .	2.0	0
23	Abstract TP33: Diminished Likelihood of Favorable Stroke Outcomes Following Endovascular Therapy in Octogenarians. <i>Stroke</i> , 2019, 50, .	2.0	0
24	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
25	The Influence of Age on Brain Processing of Odors in Adolescent Girls. <i>Chemosensory Perception</i> , 2018, 11, 10-18.	1.2	0
26	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
27	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
28	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
29	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
30	Constitutional de novo and postzygotic mutations in isolated cases of cerebral cavernous malformations. <i>Molecular Genetics & Genomic Medicine</i> , 2017, 5, 21-27.	1.2	4
31	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
32	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
33	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
34	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
35	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 ETQq1 1 0.78.4314 rgBif /Overlo	1.6	7
36	Role of Neuroimaging in Guiding Treatment Decisions on Endovascular Thrombectomy. <i>Neurology International Open</i> , 2017, 01, E18-E27.	0.4	4

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37	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
38	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
39	Learning to name smells increases activity in heteromodal semantic areas. <i>Human Brain Mapping</i> , 2017, 38, 5958-5969.	3.6	12
40	Abstract WP19: Transfer Selection for Endovascular Therapy of Ischemic Stroke within A Collaborative Network: Off-site Versus On-site Neurology Service. <i>Stroke</i> , 2017, 48, .	2.0	0
41	Imaging-based selection for revascularization in acute ischemic stroke. <i>Current Opinion in Neurology</i> , 2016, 29, 20-29.	3.6	8
42	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
43	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
44	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
45	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
46	Olfactory function in patients with hyposmia compared to healthy subjects - An fMRI study. <i>Rhinology</i> , 2016, 54, 374-381.	1.3	24
47	Olfactory function in patients with hyposmia compared to healthy subjects - An fMRI study. <i>Rhinology</i> , 2016, 54, 374-381.	1.3	23
48	Food-Related Odors and the Reward Circuit: Functional MRI. <i>Chemosensory Perception</i> , 2015, 8, 192-200.	1.2	15
49	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
50	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
51	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
52	Early Recurrence and Cerebral Bleeding in Patients With Acute Ischemic Stroke and Atrial Fibrillation. <i>Stroke</i> , 2015, 46, 2175-2182.	2.0	213
53	Cerebral processing of umami: A pilot study on the effects of familiarity. <i>Brain Research</i> , 2015, 1614, 67-74.	2.2	11
54	Scoring flow restoration in cerebral angiograms after endovascular revascularization in acute ischemic stroke patients. <i>Neuroradiology</i> , 2015, 57, 227-240.	2.2	43

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55	The smelling of Hedione results in sex-differentiated human brain activity. <i>NeuroImage</i> , 2015, 113, 365-373.	4.2	27
56	Dissociated neural representations induced by complex and simple odorant molecules. <i>Neuroscience</i> , 2015, 287, 23-31.	2.3	14
57	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
58	Therapeutic efficacy of brain imaging in acute ischemic stroke patients. <i>Journal of Neuroradiology</i> , 2015, 42, 47-54.	1.1	13
59	Abstract W P18: Evaluating Clot Burden and the Vascular Basis of Pial Collaterals with a Bimodal Angiographic Score. <i>Stroke</i> , 2015, 46, .	2.0	0
60	The effect of verbal context on olfactory neural responses. <i>Human Brain Mapping</i> , 2014, 35, 810-818.	3.6	26
61	Olfaction as a marker for depression in humans. <i>Journal of Affective Disorders</i> , 2014, 160, 80-86.	4.1	161
62	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
63	Oral texture influences the neural processing of ortho- and retronasal odors in humans. <i>Brain Research</i> , 2014, 1587, 77-87.	2.2	21
64	Human olfactory lateralization requires trigeminal activation. <i>NeuroImage</i> , 2014, 98, 289-295.	4.2	51
65	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
66	Adult Craniopharyngiomas: Long-Term Outcome after Surgical Resection. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2014, 75, .	0.8	0
67	Recurrent Stroke in Two Children with Basilar Artery Occlusion and the Effects of Immunomodulatory Therapy. <i>Neuropediatrics</i> , 2014, 45, .	0.6	0
68	Abstract T MP56: Challenges in Telethrombolysis: Is Underestimation of Early Ischemic Changes by Stroke Neurologists Associated With Symptomatic Intracranial Hemorrhage?. <i>Stroke</i> , 2014, 45, .	2.0	0
69	A saltyâ€congruent odor enhances saltiness: Functional magnetic resonance imaging study. <i>Human Brain Mapping</i> , 2013, 34, 62-76.	3.6	75
70	Olfactory bulb volume in smokers. <i>Experimental Brain Research</i> , 2013, 225, 153-157.	1.5	36
71	Olfactory bulb volume in patients with temporal lobe epilepsy. <i>Journal of Neurology</i> , 2013, 260, 1004-1008.	3.6	49
72	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

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73	IMS-3, SYNTHESIS, and MR RESCUE: No Disaster, but Down to Earth. <i>Clinical Neuroradiology</i> , 2013, 23, 1-3.	1.9	13
74	The functional neuroanatomy of odor evoked autobiographical memories cued by odors and words. <i>Neuropsychologia</i> , 2013, 51, 123-131.	1.6	109
75	Brain structure is changed in congenital anosmia. <i>NeuroImage</i> , 2013, 83, 1074-1080.	4.2	46
76	Reliability of brain CT evaluation by stroke neurologists in telemedicine. <i>Neurology</i> , 2013, 80, 332-338.	1.1	58
77	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
78	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
79	Maternal status regulates cortical responses to the body odor of newborns. <i>Frontiers in Psychology</i> , 2013, 4, 597.	2.1	56
80	Brain responses to odor mixtures with sub-threshold components. <i>Frontiers in Psychology</i> , 2013, 4, 786.	2.1	16
81	Cross-modal integration of emotions in the chemical senses. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 883.	2.0	21
82	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
83	Improvement of Chronic Rhinitis Under Aspirin. <i>Respiratory Care</i> , 2012, 57, 460-463.	1.6	2
84	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
85	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
86	Taste laterality studied by means of umami and salt stimuli: An fMRI study. <i>NeuroImage</i> , 2012, 60, 426-435.	4.2	48
87	Olfactory bulb volume in patients with idiopathic normal pressure hydrocephalus. <i>Neuroradiology</i> , 2012, 54, 1229-1233.	2.2	16
88	Dissociated Representations of Pleasant and Unpleasant Olfacto-Trigeminal Mixtures: An fMRI Study. <i>PLoS ONE</i> , 2012, 7, e38358.	2.5	38
89	Heterosexual Men and Women Both Show a Hypothalamic Response to the Chemo-Signal Androstadienone. <i>PLoS ONE</i> , 2012, 7, e40993.	2.5	47
90	Olfactory Processing in Children and Young Adults. <i>Chemosensory Perception</i> , 2012, 5, 128-137.	1.2	6

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91	No Effects of Handedness on Passive Processing of Olfactory Stimuli: An fMRI Study. <i>Chemosensory Perception</i> , 2012, 5, 22-26.	1.2	10
92	Abstract 2813: Acute Tele-Stroke-Service by Stroke Neurologists: Reliability of Clinically Relevant CT-Findings. <i>Stroke</i> , 2012, 43, .	2.0	0
93	Congratulations, RÄ¼diger von Kummer!. <i>Clinical Neuroradiology</i> , 2011, 21, 121-122.	1.9	0
94	Correlation between olfactory bulb volume and olfactory function in children and adolescents. <i>Experimental Brain Research</i> , 2011, 214, 285-291.	1.5	73
95	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
96	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
97	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
98	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
99	Reduced olfactory bulb volume and olfactory sensitivity in patients with acute major depression. <i>Neuroscience</i> , 2010, 169, 415-421.	2.3	253
100	Anatomy of the nasal cavity determines intranasal trigeminal sensitivity. <i>Rhinology</i> , 2010, 48, 18-22.	1.3	6
101	Increasing olfactory bulb volume due to treatment of chronic rhinosinusitisâ€”a longitudinal study. <i>Brain</i> , 2009, 132, 3096-3101.	7.6	139
102	PETâ€”based investigation of cerebral activation following intranasal trigeminal stimulation. <i>Human Brain Mapping</i> , 2009, 30, 1100-1104.	3.6	25
103	Central Processing of Trigeminal Activation in Humans. <i>Annals of the New York Academy of Sciences</i> , 2009, 1170, 190-195.	3.8	46
104	Altered neural network supporting declarative long-term memory in mild cognitive impairment. <i>Neurobiology of Aging</i> , 2009, 30, 284-298.	3.1	34
105	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
106	Neural coding of stimulus concentration in the human olfactory and intranasal trigeminal systems. <i>Neuroscience</i> , 2008, 154, 832-838.	2.3	64
107	Trigeminal activation using chemical, electrical, and mechanical stimuli. <i>Pain</i> , 2008, 139, 376-388.	4.2	60
108	Correlation between olfactory bulb volume and olfactory function. <i>NeuroImage</i> , 2008, 42, 498-502.	4.2	265

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109	Correlation of Olfactory Function With Changes in the Volume of the Human Olfactory Bulb. JAMA Otolaryngology, 2008, 134, 621.	1.2	106
110	Cross-modal integration of intranasal stimuli: A functional magnetic resonance imaging study. Neuroscience, 2007, 149, 223-231.	2.3	83
111	Cerebral processing of gustatory stimuli in patients with taste loss. Behavioural Brain Research, 2007, 185, 59-64.	2.2	26
112	Cerebral Activation to Intranasal Chemosensory Trigeminal Stimulation. Chemical Senses, 2007, 32, 343-353.	2.0	80
113	Intranasal trigeminal function in subjects with and without an intact sense of smell. Brain Research, 2007, 1139, 235-244.	2.2	79
114	Perceptual differences between chemical stimuli presented through the ortho- or retronasal route. Flavour and Fragrance Journal, 2006, 21, 42-47.	2.6	67
115	Reduced olfactory bulb volume in post-traumatic and post-infectious olfactory dysfunction. NeuroReport, 2005, 16, 475-478.	1.2	176
116	Differential Neural Responses Evoked by Orthonasal versus Retronasal Odorant Perception in Humans. Neuron, 2005, 47, 593-605.	8.1	385
117	Surgery of Low-Grade Gliomas Near Speech-Eloquent Regions: Brainmapping versus Preoperative Functional Imaging. Oncology Research and Treatment, 2002, 25, 552-557.	1.2	6
118	Contrast-enhanced transcranial color-coded duplexsonography in stroke patients with limited bone windows. American Journal of Neuroradiology, 2000, 21, 509-14.	2.4	28
119	The effect of changing stimulus intensities on median nerve somatosensory-evoked potentials. Electromyography and Clinical Neurophysiology, 2000, 40, 477-82.	0.2	3
120	Noninvasive Assessment of the Circle of Willis in Cerebral Ischemia: The Potential of CT Angiography and Contrast-Enhanced Transcranial Color-Coded Duplexsonography. Cerebrovascular Diseases, 1999, 9, 290-294.	1.7	18