

Anneke Alkemade

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3944186/publications.pdf>

Version: 2024-02-01

63
papers

2,084
citations

257357

24
h-index

254106

43
g-index

72
all docs

72
docs citations

72
times ranked

2892
citing authors

#	ARTICLE	IF	CITATIONS
1	Neurotransmitters as food supplements: the effects of GABA on brain and behavior. <i>Frontiers in Psychology</i> , 2015, 6, 1520.	1.1	210
2	Neuroanatomical Pathways for Thyroid Hormone Feedback in the Human Hypothalamus. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 4322-4334.	1.8	135
3	Hypermetabolism in mice caused by the central action of an unliganded thyroid hormone receptor $\hat{1}\pm 1$. <i>EMBO Journal</i> , 2007, 26, 4535-4545.	3.5	116
4	Hypothalamic thyroid hormone feedback in health and disease. <i>Progress in Brain Research</i> , 2006, 153, 189-207.	0.9	92
5	Functional neuroanatomy of thyroid hormone feedback in the human hypothalamus and pituitary gland. <i>Molecular and Cellular Endocrinology</i> , 2006, 251, 1-8.	1.6	82
6	Thyroid hormone is required for hypothalamic neurons regulating cardiovascular functions. <i>Journal of Clinical Investigation</i> , 2013, 123, 509-516.	3.9	81
7	Towards a mechanistic understanding of the human subcortex. <i>Nature Reviews Neuroscience</i> , 2017, 18, 57-65.	4.9	78
8	Hypothalamic Neuropeptide Y (NPY) Controls Hepatic VLDL-Triglyceride Secretion in Rats via the Sympathetic Nervous System. <i>Diabetes</i> , 2012, 61, 1043-1050.	0.3	72
9	Novel neuroanatomical pathways for thyroid hormone action in the human anterior pituitary. <i>European Journal of Endocrinology</i> , 2006, 154, 491-500.	1.9	61
10	Glucocorticoid Signaling in the Arcuate Nucleus Modulates Hepatic Insulin Sensitivity. <i>Diabetes</i> , 2012, 61, 339-345.	0.3	59
11	Comparison of T2*-weighted and QSM contrasts in Parkinson's disease to visualize the STN with MRI. <i>PLoS ONE</i> , 2017, 12, e0176130.	1.1	58
12	High calorie diet triggers hypothalamic angiopathy. <i>Molecular Metabolism</i> , 2012, 1, 95-100.	3.0	55
13	Melanocortin 4 receptor distribution in the human hypothalamus. <i>European Journal of Endocrinology</i> , 2013, 168, 361-369.	1.9	54
14	Expression of Thyroid Hormone Transporters in the Human Hypothalamus. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, E967-E971.	1.8	53
15	Topographic organization of the human and non-human primate subthalamic nucleus. <i>Brain Structure and Function</i> , 2015, 220, 3075-3086.	1.2	52
16	Multi-modal ultra-high resolution structural 7-Tesla MRI data repository. <i>Scientific Data</i> , 2014, 1, 140050.	2.4	50
17	Thyroid Hormone Receptor Expression in the Human Hypothalamus and Anterior Pituitary. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 904-912.	1.8	49
18	The Amsterdam Ultra-high field adult lifespan database (AHEAD): A freely available multimodal 7 Tesla submillimeter magnetic resonance imaging database. <i>NeuroImage</i> , 2020, 221, 117200.	2.1	42

#	ARTICLE	IF	CITATIONS
19	AgRP and NPY Expression in the Human Hypothalamic Infundibular Nucleus Correlate with Body Mass Index, Whereas Changes in \pm MSH Are Related to Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, E925-E933.	1.8	41
20	Do we need to revise the tripartite subdivision hypothesis of the human subthalamic nucleus (STN)? <i>NeuroImage</i> , 2014, 95, 326-329.	2.1	39
21	Thyroid hormone transporters and deiodinases in the developing human hypothalamus. <i>European Journal of Endocrinology</i> , 2012, 167, 379-386.	1.9	38
22	Acute Peripheral but Not Central Administration of Olanzapine Induces Hyperglycemia Associated with Hepatic and Extra-Hepatic Insulin Resistance. <i>PLoS ONE</i> , 2012, 7, e43244.	1.1	37
23	Decreased Hypothalamic Glucagon-Like Peptide-1 Receptor Expression in Type 2 Diabetes Patients. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 2122-2129.	1.8	37
24	Pituitary Adenylate Cyclase-Activating Polypeptide Stimulates Glucose Production via the Hepatic Sympathetic Innervation in Rats. <i>Diabetes</i> , 2010, 59, 1591-1600.	0.3	33
25	A unified 3D map of microscopic architecture and MRI of the human brain. <i>Science Advances</i> , 2022, 8, eabj7892.	4.7	33
26	Size and shape matter: The impact of voxel geometry on the identification of small nuclei. <i>PLoS ONE</i> , 2019, 14, e0215382.	1.1	29
27	Measuring the iron content of dopaminergic neurons in substantia nigra with MRI relaxometry. <i>NeuroImage</i> , 2021, 239, 118255.	2.1	28
28	Spatial normalization of ultrahigh resolution 7T magnetic resonance imaging data of the postmortem human subthalamic nucleus: a multistage approach. <i>Brain Structure and Function</i> , 2015, 220, 1695-1703.	1.2	25
29	A perspective on terra incognita: uncovering the neuroanatomy of the human subcortex. <i>Frontiers in Neuroanatomy</i> , 2013, 7, 40.	0.9	24
30	Subdivisions and Anatomical Boundaries of the Subthalamic Nucleus. <i>Journal of Neuroscience</i> , 2013, 33, 9233-9234.	1.7	22
31	Multi-contrast anatomical subcortical structures parcellation. <i>ELife</i> , 2020, 9, .	2.8	22
32	7 Tesla MRI Followed by Histological 3D Reconstructions in Whole-Brain Specimens. <i>Frontiers in Neuroanatomy</i> , 2020, 14, 536838.	0.9	21
33	Denoising High-Field Multi-Dimensional MRI With Local Complex PCA. <i>Frontiers in Neuroscience</i> , 2019, 13, 1066.	1.4	20
34	The functional microscopic neuroanatomy of the human subthalamic nucleus. <i>Brain Structure and Function</i> , 2019, 224, 3213-3227.	1.2	20
35	Thyroid hormone and the developing hypothalamus. <i>Frontiers in Neuroanatomy</i> , 2015, 9, 15.	0.9	18
36	Compression of the optic chiasm is associated with permanent shorter sleep duration in patients with pituitary insufficiency. <i>Clinical Endocrinology</i> , 2011, 75, 347-353.	1.2	17

#	ARTICLE	IF	CITATIONS
37	Decreased serotonin transporter immunoreactivity in the human hypothalamic infundibular nucleus of overweight subjects. <i>Frontiers in Neuroscience</i> , 2014, 8, 106.	1.4	15
38	Imaging of serotonin transporters with [123I]FP-CIT SPECT in the human hypothalamus. <i>EJNMMI Research</i> , 2013, 3, 34.	1.1	14
39	3 versus 7 Tesla magnetic resonance imaging for parcellations of subcortical brain structures in clinical settings. <i>PLoS ONE</i> , 2020, 15, e0236208.	1.1	14
40	Determinants of vascular and cardiac baroreflex sensitivity values in a random population sample. <i>Medical and Biological Engineering and Computing</i> , 2014, 52, 65-73.	1.6	13
41	Do We Need a Human post mortem Whole-Brain Anatomical Ground Truth in in vivo Magnetic Resonance Imaging?. <i>Frontiers in Neuroanatomy</i> , 2018, 12, 110.	0.9	13
42	Sharpness in motion corrected quantitative imaging at 7T. <i>NeuroImage</i> , 2020, 222, 117227.	2.1	13
43	Functional segregation and integration within the human subthalamic nucleus from a micro- and meso-level perspective. <i>Cortex</i> , 2020, 131, 103-113.	1.1	13
44	Charting human subcortical maturation across the adult lifespan with in vivo 7T MRI. <i>NeuroImage</i> , 2022, 249, 118872.	2.1	13
45	Arginine Vasopressin Immunoreactivity is Decreased in the Hypothalamic Suprachiasmatic Nucleus of Subjects with Suprasellar Tumors. <i>Brain Pathology</i> , 2013, 23, 440-444.	2.1	12
46	Medical History of Optic Chiasm Compression in Patients With Pituitary Insufficiency Affects Skin Temperature and Its Relation to Sleep. <i>Chronobiology International</i> , 2012, 29, 1098-1108.	0.9	11
47	Chronic treatment with olanzapine increases adiposity by changing fuel substrate and causes desensitization of the acute metabolic side effects. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2014, 387, 185-195.	1.4	11
48	Thyroid hormone signaling in the hypothalamus. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2008, 15, 453-458.	1.2	8
49	Methodological Considerations for Neuroimaging in Deep Brain Stimulation of the Subthalamic Nucleus in Parkinson's Disease Patients. <i>Journal of Clinical Medicine</i> , 2020, 9, 3124.	1.0	4
50	A history of cranial radiotherapy is associated with a higher visceral to subcutaneous fat ratio in men with pituitary insufficiency. <i>European Journal of Endocrinology</i> , 2012, 166, 619-624.	1.9	3
51	The next step for imaging the subthalamic nucleus. <i>Brain</i> , 2016, 139, e69-e69.	3.7	3
52	Quantity and quality: Normative open-access neuroimaging databases. <i>PLoS ONE</i> , 2021, 16, e0248341.	1.1	3
53	Suppressor of cytokine signaling 3 in the human hypothalamus. <i>Peptides</i> , 2012, 35, 139-142.	1.2	2
54	Imaging of the human subthalamic nucleus. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2021, 180, 403-416.	1.0	2

#	ARTICLE	IF	CITATIONS
55	Manual delineation approaches for direct imaging of the subcortex. Brain Structure and Function, 2022, 227, 219-297.	1.2	2
56	Structure-function similarities in deep brain stimulation targets cross-species. Neuroscience and Biobehavioral Reviews, 2021, 131, 1127-1135.	2.9	0
57	A high-resolution multi-shell 3T diffusion magnetic resonance imaging dataset as part of the Amsterdam Ultra-high field adult lifespan database (AHEAD). Data in Brief, 2022, 42, 108086.	0.5	0
58	Title is missing!. , 2020, 15, e0236208.		0
59	Title is missing!. , 2020, 15, e0236208.		0
60	Title is missing!. , 2020, 15, e0236208.		0
61	Title is missing!. , 2020, 15, e0236208.		0
62	Title is missing!. , 2020, 15, e0236208.		0
63	Title is missing!. , 2020, 15, e0236208.		0