CITATION REPORT List of articles citing

A novel single-cell staining procedure performed in vivo under electrophysiological control: morpho-functional features of juxtacellularly labeled thalamic cells and other central neurons with biocytin or Neurobiotin

DOI: 10.1016/0165-0270(95)00144-1 Journal of Neuroscience Methods, 1996, 65, 113-36.

Source: https://exaly.com/paper-pdf/27226178/citation-report.pdf

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
922	From Classic Expert Systems to Models: Introduction to a Methodology for Building Model-Based Systems. 1989 , 5, 87-110		8
921	Dendrodendritic and axoaxonic synapses in the thalamic reticular nucleus of the adult rat. 1997 , 17, 32	15-33	107
920	Intracortical axonal projections of lamina VI cells of the primary somatosensory cortex in the rat: a single-cell labeling study. 1997 , 17, 6365-79		210
919	Identification of C1 presympathetic neurons in rat rostral ventrolateral medulla by juxtacellular labeling in vivo. 1997 , 387, 524-36		222
918	Intracellular recordings in thalamic neurones during spontaneous spike and wave discharges in rats with absence epilepsy. <i>Journal of Physiology</i> , 1998 , 509 (Pt 2), 449-56	3.9	177
917	Projection and innervation patterns of individual thalamic reticular axons in the thalamus of the adult rat: a three-dimensional, graphic, and morphometric analysis. 1998 , 391, 180-203		148
916	The anatomical organization of the rat fascia dentata: new aspects of laminar organization as revealed by anterograde tracing with Phaseolus vulgaris-Luecoagglutinin (PHAL). 1998 , 197, 89-103		36
915	Anatomical evidence for a mechanism of lateral inhibition in the rat thalamus. 1998 , 10, 3462-9		93
914	The organization of corticothalamic projections: reciprocity versus parity. 1998 , 28, 286-308		263
913	In vivo electrophysiological distinction of histochemically-identified cholinergic neurons using extracellular recording and labelling in rat laterodorsal tegmental nucleus. 1998 , 83, 1105-12		47
912	Projections to layer VI of the posteromedial barrel field in the rat: a reappraisal of the role of corticothalamic pathways. 1998 , 8, 428-36		80
911	Preface. 1998 , vii-viii		
910	Selective innervation of neostriatal interneurons by a subclass of neuron in the globus pallidus of the rat. 1998 , 18, 9438-52		285
909	Identification of barosensitive neurons in the mediobasal forebrain using juxtacellular labeling. 1999 , 276, R1766-71		3
908	Properties of C1 and other ventrolateral medullary neurones with hypothalamic projections in the rat. <i>Journal of Physiology</i> , 1999 , 517 (Pt 2), 477-94	3.9	111
907	Brainstem pathways responsible for oesophageal control of gastric motility and tone in the rat. <i>Journal of Physiology</i> , 1999 , 514 (Pt 2), 369-83	3.9	109
906	Evidence for glycinergic respiratory neurons: BEzinger neurons express mRNA for glycinergic transporter 2. 1999 , 407, 583-97		118

(2000-1999)

905	Location and electrophysiological characterization of rostral medullary adrenergic neurons that contain neuropeptide Y mRNA in rat medulla. 1999 , 415, 482-500		89
904	Feedback connections to the lateral geniculate nucleus and cortical response properties. <i>Science</i> , 1999 , 286, 1552-4	33.3	238
903	Activation of the primary motor cortex by somatosensory stimulation in adult rats is mediated mainly by associational connections from the somatosensory cortex. 1999 , 90, 353-61		81
902	Single-axon tracing study of neurons of the external segment of the globus pallidus in primate. 2000 , 417, 17-31		183
901	Thalamic projections from the whisker-sensitive regions of the spinal trigeminal complex in the rat. 2000 , 420, 233-43		115
900	Axonal branching pattern of neurons of the subthalamic nucleus in primates. 2000 , 424, 142-52		164
899	Combined physiological-anatomical approaches to study lateral inhibition. <i>Journal of Neuroscience Methods</i> , 2000 , 103, 91-106	3	20
898	In vitro biocytin injection into perinatal mouse brain: a method for tract tracing in developing tissue. <i>Journal of Neuroscience Methods</i> , 2000 , 97, 1-6	3	9
897	Regulation of sympathetic tone and arterial pressure by rostral ventrolateral medulla after depletion of C1 cells in rat. <i>Journal of Physiology</i> , 2000 , 529 Pt 1, 221-36	3.9	113
896	Responses of rat subicular neurons to convergent stimulation of lateral entorhinal cortex and CA1 in vivo. 2000 , 884, 35-50		36
895	EEG correlation of the discharge properties of identified neurons in the basal forebrain. 2000, 84, 1627-	-35	146
894	Anatomy and discharge properties of pre-motor neurons in the goldfish medulla that have eye-position signals during fixations. 2000 , 84, 1035-49		93
893	Relationship of activity in the subthalamic nucleus-globus pallidus network to cortical electroencephalogram. 2000 , 20, 820-33		263
892	Discharge profiles of juxtacellularly labeled and immunohistochemically identified GABAergic basal forebrain neurons recorded in association with the electroencephalogram in anesthetized rats. 2000 , 20, 9252-63		111
891	Discharge properties of juxtacellularly labeled and immunohistochemically identified cholinergic basal forebrain neurons recorded in association with the electroencephalogram in anesthetized rats. 2000 , 20, 1505-18		158
890	Role of presympathetic C1 neurons in the sympatholytic and hypotensive effects of clonidine in rats. 2000 , 279, R1753-62		26
889	Neurotensin-induced bursting of cholinergic basal forebrain neurons promotes gamma and theta cortical activity together with waking and paradoxical sleep. 2000 , 20, 8452-61		117
888	Cortical projections from the suprasylvian gyrus to the reticular thalamic nucleus in the cat. 2000 , 97, 643-55		8

887	Local synaptic connections of basal forebrain neurons. 2000 , 115, 143-58	113
886	The organization of the striatal output system: a single-cell juxtacellular labeling study in the rat. 2000 , 38, 49-62	151
885	Organization of the basal ganglia: the importance of axonal collateralization. 2000 , 23, S20-7	201
884	Medium-voltage 5-9-Hz oscillations give rise to spike-and-wave discharges in a genetic model of absence epilepsy: in vivo dual extracellular recording of thalamic relay and reticular neurons. 2001 , 105, 181-201	113
883	Dopamine regulates the impact of the cerebral cortex on the subthalamic nucleus-globus pallidus network. 2001 , 106, 313-30	390
882	Distribution and amino acid content of enkephalin-immunoreactive inputs onto juxtacellularly labelled bulbospinal barosensitive neurons in rat rostral ventrolateral medulla. 2001 , 108, 307-22	24
881	A re-evaluation of the current model of the basal ganglia. 2001 , 7, 193-198	33
880	Preface. 2001 , xi-xii	
879	Pioneering steps in studies on sleep and epilepsy. 2001 , 1-12	
878	Neuronal types and circuits in sleep and epilepsy. 2001 , 13-88	
877	Neuronal properties, network operations and behavioral signs during sleep states and wakefulness. 2001 , 89-208	
876	Plastic changes in thalamocortical systems developing from low-frequency sleep oscillations. 2001 , 209-284	
875	Neuronal mechanisms of seizures. 2001 , 285-424	
874	References. 2001 , 425-517	
873	Plate section. 2001,	
872	The nigrostriatal pathway in the rat: A single-axon study of the relationship between dorsal and ventral tier nigral neurons and the striosome/matrix striatal compartments. 2001 , 21, 7247-60	175
871	Pre-Bfzinger neurons with preinspiratory discharges "in vivo" express NK1 receptors in the rat. 2001 , 86, 438-46	105
870	British Society of Audiology short papers meeting on experimental studies of hearing and deafness. University of Keele, 21-22 September 2000. Abstracts. 2001 , 35, 115-64	1

(2002-2001)

869	Neurons with complex receptive fields in the stratum griseum centrale of the zebra finch (Taeniopygia guffata castanotis Gould) optic tectum. 2001 , 187, 913-24		8
868	Use of two anterograde axon tracers to label distinct cortical neuronal populations located in close proximity. <i>Journal of Neuroscience Methods</i> , 2001 , 104, 177-82	3	8
867	Morphology of pulmonary rapidly adapting receptor relay neurons in the rat. 2001, 430, 458-70		27
866	Juxtacellular labeling of identified neurons: kiss the cells and make them dye. 2001, 433, 1-3		18
865	Mu-opioid receptors are present in functionally identified sympathoexcitatory neurons in the rat rostral ventrolateral medulla. 2001 , 433, 34-47		35
864	Identifying neurons in the preBEzinger complex that generate respiratory rhythm: visualizing the ghost in the machine. 2001 , 434, 125-7		16
863	Preproenkephalin mRNA is expressed by C1 and non-C1 barosensitive bulbospinal neurons in the rostral ventrolateral medulla of the rat. 2001 , 435, 111-26		71
862	In vivo Hebbian and basal forebrain stimulation treatment in morphologically identified auditory cortical cells. 2001 , 891, 78-93		15
861	Cellular and Molecular Methods in Neuroscience Research. 2002,		1
860	Physiological, pharmacological, and immunohistochemical characterisation of juxtacellularly labelled neurones in rat nucleus tractus solitarius. 2002 , 98, 12-6		9
859	Visual cortical organization at the single axon level: a beginning. 2002, 42, 155-66		33
858	Morphology of the decrementing expiratory neurons in the brainstem of the rat. 2002 , 44, 141-53		19
857	Firing activity and postsynaptic properties of morphologically identified neurons of ventral oral pontine reticular nucleus. 2002 , 115, 1165-75		13
856	Neurokinin-1 receptor-expressing cells of the ventral respiratory group are functionally heterogeneous and predominantly glutamatergic. 2002 , 22, 3806-16		114
855	Substrate for cross-talk inhibition between thalamic barreloids. 2002 , 22, RC218		42
854	Dendroarchitecture of relay cells in thalamic barreloids: a substrate for cross-whisker modulation. 2002 , 22, 6186-94		48
853	Corticostriatal combinatorics: the implications of corticostriatal axonal arborizations. 2002 , 87, 1007-17		184
852	Activity of thalamic reticular neurons during spontaneous genetically determined spike and wave discharges. 2002 , 22, 2323-34		121

851	Vesicular glutamate transporter DNPI/VGLUT2 is expressed by both C1 adrenergic and nonaminergic presympathetic vasomotor neurons of the rat medulla. 2002 , 444, 207-20	159
850	Cell types and response properties of neurons in the ventral division of the medial geniculate body of the rabbit. 2002 , 445, 78-96	26
849	Axonal projections of pulmonary slowly adapting receptor relay neurons in the rat. 2002, 446, 81-94	65
848	The integrative role of the rat medullary subnucleus reticularis dorsalis in nociception. 2002 , 16, 937-44	25
847	Opioid signalling in the rat rostral ventrolateral medulla. 2002 , 29, 238-42	33
846	The baroreflex and beyond: control of sympathetic vasomotor tone by GABAergic neurons in the ventrolateral medulla. 2002 , 29, 514-21	155
845	Morphology of physiologically characterised ventral cochlear nucleus stellate cells. 2003, 153, 418-26	34
844	Functional organization of lemniscal and nonlemniscal auditory thalamus. 2003, 153, 543-9	82
843	Locations and morphologies of sympathetically correlated neurons in the T(10) spinal segment of the rat. 2003 , 976, 185-93	23
842	Inspiratory augmenting bulbospinal neurons express both glutamatergic and enkephalinergic phenotypes. 2003 , 455, 113-24	70
841	Spatial organization of the pigeon tectorotundal pathway: an interdigitating topographic arrangement. 2003 , 458, 361-80	65
840	Dendritic orientation and laminar architecture in the rabbit auditory thalamus. 2003, 458, 307-17	16
839	Single-cell study of motor cortex projections to the barrel field in rats. 2003, 464, 98-103	100
838	Dendritic domains of nociceptive-responsive parabrachial neurons match terminal fields of lamina I neurons in the rat. 2003 , 464, 238-56	18
837	Phenotypic identification of rat rostroventrolateral medullary presympathetic vasomotor neurons inhibited by exogenous cholecystokinin. 2003 , 465, 467-79	29
836	Activities of mesencephalic nucleus neurons during fictive swimming of the carp Cyprinus carpio. 2003 , 69, 581-588	6
835	Brain-state- and cell-type-specific firing of hippocampal interneurons in vivo. 2003 , 421, 844-8	999
834	Yeast genome duplication was followed by asynchronous differentiation of duplicated genes. 2003 , 421, 848-52	121

(2004-2003)

833	Convergent responses of Barrington's nucleus neurons to pelvic visceral stimuli in the rat: a juxtacellular labelling study. 2003 , 18, 3325-34		67
832	Purinergic signalling in the medullary mechanisms of respiratory control in the rat: respiratory neurones express the P2X2 receptor subunit. <i>Journal of Physiology</i> , 2003 , 552, 197-211	3.9	68
831	Cellular interactions in the rat somatosensory thalamocortical system during normal and epileptic 5-9 Hz oscillations. <i>Journal of Physiology</i> , 2003 , 552, 881-905	3.9	118
830	Electrophysiological characterization of interlaminar entorhinal connections: an essential link for re-entrance in the hippocampal-entorhinal system. 2003 , 18, 3037-52		88
829	Novel aspects of the chemical anatomy of the striatum and its efferents projections. 2003 , 26, 271-81		46
828	Rhythmically discharging basal forebrain units comprise cholinergic, GABAergic, and putative glutamatergic cells. 2003 , 89, 1057-66		112
827	Brainstem and spinal projections of augmenting expiratory neurons in the rat. 2003, 45, 41-51		57
826	Neurochemical and anatomical identification of fast- and slow-firing neurones in the rat dorsal raphe nucleus using juxtacellular labelling methods in vivo. 2003 , 122, 193-204		154
825	Cardiorespiratory neurons of the rat ventrolateral medulla contain TASK-1 and TASK-3 channel mRNA. 2003 , 138, 19-35		38
824	Glycine is used as a transmitter by decrementing expiratory neurons of the ventrolateral medulla in the rat. 2003 , 23, 8941-8		85
823	Vasopressin differentially modulates non-NMDA receptors in vasopressin and oxytocin neurons in the supraoptic nucleus. 2003 , 23, 4270-7		62
822	A map of angular tuning preference in thalamic barreloids. 2003 , 23, 10717-23		42
821	Baro-activated neurons with pulse-modulated activity in the rat caudal ventrolateral medulla express GAD67 mRNA. 2003 , 89, 1265-77		76
820	Three-dimensional organization of the recurrent axon collateral network of the substantia nigra pars reticulata neurons in the rat. 2003 , 23, 5247-57		91
819	Phase segregation of medial septal GABAergic neurons during hippocampal theta activity. 2004 , 24, 8470-9		151
818	Selective activation of corticotropin-releasing factor-2 receptors on neurochemically identified neurons in the rat dorsal raphe nucleus reveals dual actions. 2004 , 24, 1305-11		113
817	Posterior triangular thalamic neurons convey nociceptive messages to the secondary somatosensory and insular cortices in the rat. 2004 , 24, 752-61		86
816	Dendroarchitecture and lateral inhibition in thalamic barreloids. 2004 , 24, 6098-105		29

815	On the activity of the corticostriatal networks during spike-and-wave discharges in a genetic model of absence epilepsy. 2004 , 24, 6816-25		84
814	Influence of the hippocampus on interneurons of the rat prefrontal cortex. 2004 , 20, 514-24		154
813	Spike timing of dendrite-targeting bistratified cells during hippocampal network oscillations in vivo. 2004 , 7, 41-7		288
812	Onset neurones in the anteroventral cochlear nucleus project to the dorsal cochlear nucleus. 2004 , 5, 153-70		65
811	Immunolocalization of metabotropic glutamate receptor 1alpha (mGluR1alpha) in distinct classes of interneuron in the CA1 region of the rat hippocampus. 2004 , 14, 193-215		108
810	Cocaine- and amphetamine-regulated transcript in catecholamine and noncatecholamine presympathetic vasomotor neurons of rat rostral ventrolateral medulla. 2004 , 476, 19-31		41
809	Activity, modulation and role of basal forebrain cholinergic neurons innervating the cerebral cortex. 2004 , 145, 157-69		220
808	GABA, in some cases together with glycine, is used as the inhibitory transmitter by pump cells in the Hering-Breuer reflex pathway of the rat. 2004 , 127, 409-17		55
807	Detection of amino acid and peptide transmitters in physiologically identified brainstem cardiorespiratory neurons. 2004 , 114, 1-10		21
806	Uniform inhibition of dopamine neurons in the ventral tegmental area by aversive stimuli. <i>Science</i> , 2004 , 303, 2040-2	33.3	647
805	The thalamic reticular nucleus: structure, function and concept. 2004 , 46, 1-31		419
804	Intracellular and juxtacellular staining with biocytin. 2004 , Chapter 1, Unit 1.12		9
803	Mitral and tufted cells differ in the decoding manner of odor maps in the rat olfactory bulb. 2004 , 91, 2532-40		162
802	Sleep-wake related discharge properties of basal forebrain neurons recorded with micropipettes in head-fixed rats. 2004 , 92, 1182-98		105
801	A new stabilizing craniotomy-duratomy technique for single-cell anatomo-electrophysiological exploration of living intact brain networks. <i>Journal of Neuroscience Methods</i> , 2005 , 141, 231-42	3	19
800	Inputs to nucleus pontis caudalis from adjacent trigeminal areas. 2005 , 22, 1987-96		9
799	The lateral ventromedial thalamic nucleus spreads nociceptive signals from the whole body surface to layer I of the frontal cortex. 2005 , 21, 3395-402		29
798	Median preoptic neurones projecting to the hypothalamic paraventricular nucleus respond to osmotic, circulating Ang II and baroreceptor input in the rat. <i>Journal of Physiology</i> , 2005 , 568, 599-615	3.9	77

(2005-2005)

797	Branching patterns of parabrachial neurons projecting to the central extended amgydala: single axonal reconstructions. 2005 , 491, 418-42	51
796	Between in and out: linking morphology and physiology of cerebellar cortical interneurons. 2005 , 148, 329-40	60
795	Feedforward inhibitory control of sensory information in higher-order thalamic nuclei. 2005, 25, 7489-98	142
794	Discharge of identified orexin/hypocretin neurons across the sleep-waking cycle. 2005 , 25, 6716-20	6 7 8
793	Cellular and network mechanisms of genetically-determined absence seizures. 2005 , 3, 181-203	71
792	Juxtacellular recording/labeling analysis of physiological and anatomical characteristics of rat intergeniculate leaflet neurons. 2005 , 25, 9195-204	35
791	Metabotropic glutamate receptor 8-expressing nerve terminals target subsets of GABAergic neurons in the hippocampus. 2005 , 25, 10520-36	105
790	Medial septal GABAergic neurons express the somatostatin sst2A receptor: functional consequences on unit firing and hippocampal theta. 2005 , 25, 2032-41	44
789	Spatiotemporal gating of sensory inputs in thalamus during quiescent and activated states. 2005 , 25, 10990-1002	63
788	Rhythmic bursting in the cortico-subthalamo-pallidal network during spontaneous genetically determined spike and wave discharges. 2005 , 25, 2092-101	99
787	Is the basalo-cortical system simply an extra-thalamic relay of the ascending reticular activating system? A discourse with Mircea Steriade. 2005 , 3, 275	
786	Affects of aging on receptive fields in rat primary auditory cortex layer V neurons. 2005, 94, 2738-47	77
785	Cholinergic basal forebrain neurons burst with theta during waking and paradoxical sleep. 2005 , 25, 4365-9	350
784	Dynamic response properties of visual neurons and context-dependent surround effects on receptive fields in the tectum of the salamander Plethodon shermani. 2005 , 134, 617-32	11
783	Divergent response properties of layer-V neurons in rat primary auditory cortex. 2005 , 202, 129-40	27
782	Selective GABAergic control of higher-order thalamic relays. 2005 , 45, 929-40	136
781	Behavioral correlates of activity in identified hypocretin/orexin neurons. 2005, 46, 787-98	683
780	Auditory thalamic organization: cellular slabs, dendritic arbors and tectothalamic axons underlying the frequency map. 2005 , 136, 927-43	10

779	Feedforward inhibition of projection neurons by fast-spiking GABA interneurons in the rat striatum in vivo. 2005 , 25, 3857-69		289
778	Complementary roles of cholecystokinin- and parvalbumin-expressing GABAergic neurons in hippocampal network oscillations. 2005 , 25, 9782-93		325
777	Ion Channels. 2006,		1
776	Reconstruction of firing rate changes across neuronal populations by temporally deconvolved Ca2+imaging. 2006 , 3, 377-83		259
775	Antiphasic Purkinje cell responses in mouse uvula-nodulus are sensitive to static roll-tilt and topographically organized. 2006 , 143, 615-26		42
774	Identification of basolateral amygdala projection cells and interneurons using extracellular recordings. 2006 , 96, 3257-65		54
773	Kappa opioid receptor (KOR) and GAD67 immunoreactivity are found in OFF and NEUTRAL cells in the rostral ventromedial medulla. 2006 , 96, 3465-73		46
77 ²	References. 519-599		1
771	Excitatory response of prefrontal cortical fast-spiking interneurons to ventral tegmental area stimulation in vivo. 2006 , 59, 412-7		105
770	Computational modeling of entorhinal cortex. 2000 , 911, 418-46		48
769	Regulation of sympathetic tone and arterial pressure by the rostral ventrolateral medulla after depletion of C1 cells in rats. 2001 , 940, 259-69		41
768	Enhanced responses of the anterior cingulate cortex neurones to colonic distension in viscerally hypersensitive rats. <i>Journal of Physiology</i> , 2006 , 570, 169-83	3.9	66
767	Central respiratory modulation of barosensitive neurones in rat caudal ventrolateral medulla. Journal of Physiology, 2006 , 572, 881-96	3.9	82
766	Different responses of rat cerebellar Purkinje cells and Golgi cells evoked by widespread convergent sensory inputs. <i>Journal of Physiology</i> , 2006 , 574, 491-507	3.9	110
765	Corticothalamic 5-9 Hz oscillations are more pro-epileptogenic than sleep spindles in rats. <i>Journal of Physiology</i> , 2006 , 574, 209-27	3.9	49
764	Neuronal activity of histaminergic tuberomammillary neurons during wake-sleep states in the mouse. 2006 , 26, 10292-8		243
763	Patch pipettes are more useful than initially thought: simultaneous pre- and postsynaptic recording from mammalian CNS synapses in vitro and in vivo. 2006 , 453, 249-59		14
762	Loose-patch-juxtacellular recording in vivoa method for functional characterization and labeling of neurons in macaque V1. <i>Journal of Neuroscience Methods</i> , 2006 , 156, 37-49	3	46

761	Mast cells modulate maintained neuronal activity in the thalamus in vivo. 2006 , 171, 1-7	25
760	Embryogenesis of the serotonergic system in the earthworm Eisenia fetida (Annelida, Oligochaeta): immunohistochemical and biochemical studies. 2006 , 497, 451-67	8
759	Innervation of dorsal and caudal fin muscles in adult zebrafish Danio rerio. 2006, 497, 702-16	14
758	Synaptic input to OFF parasol ganglion cells in macaque retina. 2006 , 498, 46-57	25
757	Juxtacellular labeling and chemical phenotyping of extracellularly recorded neurons in vivo. 2006 , 337, 127-37	8
756	Spinal sympathetic interneurons: their identification and roles after spinal cord injury. 2006 , 152, 27-37	39
755	Properties of somatosensory synaptic integration in cerebellar granule cells in vivo. 2006 , 26, 11786-97	238
754	Corticofugal output from the primary somatosensory cortex selectively modulates innocuous and noxious inputs in the rat spinothalamic system. 2006 , 26, 8441-50	43
753	Cytoarchitecture of pneumotaxic integration of respiratory and nonrespiratory information in the rat. 2006 , 26, 300-10	54
75 ²	Firing properties of anatomically identified neurons in the medial septum of anesthetized and unanesthetized restrained rats. 2006 , 26, 9038-46	116
751	Structural basis for map formation in the thalamocortical pathway of the barrelless mouse. 2006 , 26, 10057-67	31
75°	Angular tuning bias of vibrissa-responsive cells in the paralemniscal pathway. 2006 , 26, 10548-57	30
749	Serotonergic neuron diversity: identification of raphe neurons with discharges time-locked to the hippocampal theta rhythm. 2006 , 103, 1059-64	125
748	Pallidal neuron activity increases during sensory relay through thalamus in a songbird circuit essential for learning. 2007 , 27, 8687-98	50
747	Activity of ventral medial thalamic neurons during absence seizures and modulation of cortical paroxysms by the nigrothalamic pathway. 2007 , 27, 929-41	111
746	A new thalamic pathway of vibrissal information modulated by the motor cortex. 2007 , 27, 12407-12	55
745	Immunoreactivity for the GABAA receptor alpha1 subunit, somatostatin and Connexin36 distinguishes axoaxonic, basket, and bistratified interneurons of the rat hippocampus. 2007 , 17, 2094-107	106
744	A single-cell analysis of intrinsic connectivity in the rat globus pallidus. 2007 , 27, 6352-62	99

743	In vivo simultaneous tracing and Ca(2+) imaging of local neuronal circuits. 2007, 53, 789-803		104
742	Little strokes fill big oaks: a simple in vivo stain of brain cells. 2007 , 53, 771-3		1
741	In the eye of the beholder: visual experience and categories in the human brain. 2007, 53, 773-5		6
740	Motor cortex gates vibrissal responses in a thalamocortical projection pathway. 2007 , 56, 714-25		88
739	Neuronal excitability in the periaqueductal grey matter during the estrous cycle in female Wistar rats. 2007 , 144, 325-35		37
738	The microcircuitry of primate subthalamic nucleus. 2007 , 13 Suppl 3, S292-5		21
737	Cortical control of zona incerta. 2007 , 27, 1670-81		48
736	Novel and distinct operational principles of intralaminar thalamic neurons and their striatal projections. 2007 , 27, 4374-84		123
735	Whole-cell recording in vivo. 2007 , Chapter 6, Unit 6.22		13
734	Transmitted light brightfield mosaic microscopy for three-dimensional tracing of single neuron morphology. 2007 , 12, 064029		39
733	Layer- and cell-type-specific suprathreshold stimulus representation in rat primary somatosensory cortex. <i>Journal of Physiology</i> , 2007 , 581, 139-54	3.9	262
732	Neurochemical identification of stereotypic burst-firing neurons in the rat dorsal raphe nucleus using juxtacellular labelling methods. 2007 , 25, 119-26		78
731	Nigrostriatal lesion induces D2-modulated phase-locked activity in the basal ganglia of rats. 2007 , 25, 2131-44		38
730	Distinct changes in evoked and resting globus pallidus activity in early and late Parkinson's disease experimental models. 2007 , 26, 1267-79		24
729	Axonal projections of single auditory neurons in the thalamic reticular nucleus: implications for tonotopy-related gating function and cross-modal modulation. 2007 , 26, 3524-35		40
728	Vagal afferent input alters the discharge of osmotic and ANG II-responsive median preoptic neurons projecting to the hypothalamic paraventricular nucleus. 2007 , 1131, 118-28		18
727	Morphological characterization of electrophysiologically and immunohistochemically identified basal forebrain cholinergic and neuropeptide Y-containing neurons. 2007 , 212, 55-73		32
726	Semi-loose seal Neurobiotin electroporation for combined structural and functional analysis of neurons. 2008 , 457, 561-8		30

725	Laterodorsal nucleus of the thalamus: A processor of somatosensory inputs. 2008 , 507, 1979-89	38
724	A novel basal ganglia pathway forms a loop linking a vocal learning circuit with its dopaminergic input. 2008 , 508, 824-39	70
723	Propagation of specific network patterns through the mouse hippocampus. 2008 , 18, 899-908	50
722	Behavioural report of single neuron stimulation in somatosensory cortex. 2008 , 451, 65-8	535
721	Cholinergic brainstem neurons modulate cortical gamma activity during slow oscillations. <i>Journal of Physiology</i> , 2008 , 586, 2947-60	140
720	The presence of pacemaker HCN channels identifies theta rhythmic GABAergic neurons in the medial septum. <i>Journal of Physiology</i> , 2008 , 586, 3893-915	79
719	High frequency action potential bursts (>or= 100 Hz) in L2/3 and L5B thick tufted neurons in anaesthetized and awake rat primary somatosensory cortex. <i>Journal of Physiology</i> , 2008 , 586, 3353-64 ^{3.9}	90
718	Pyramidal neurons: dendritic structure and synaptic integration. 2008 , 9, 206-21	1082
717	More than a feeling: sensation from cortical stimulation. 2008 , 11, 10-1	6
716	A thermosensory pathway that controls body temperature. 2008 , 11, 62-71	324
716 715	A thermosensory pathway that controls body temperature. 2008 , 11, 62-71 Novel neurons in ventral tegmental area fire selectively during the active phase of the diurnal cycle. 2008 , 27, 408-22	3 ² 4 6 ₃
,	Novel neurons in ventral tegmental area fire selectively during the active phase of the diurnal	
715	Novel neurons in ventral tegmental area fire selectively during the active phase of the diurnal cycle. 2008 , 27, 408-22 Nociceptive spinothalamic tract and postsynaptic dorsal column neurons are modulated by	63
715 714	Novel neurons in ventral tegmental area fire selectively during the active phase of the diurnal cycle. 2008, 27, 408-22 Nociceptive spinothalamic tract and postsynaptic dorsal column neurons are modulated by paraventricular hypothalamic activation. 2008, 28, 546-58 Identification of neurotransmitters and co-localization of transmitters in brainstem respiratory	63
715 714 713	Novel neurons in ventral tegmental area fire selectively during the active phase of the diurnal cycle. 2008, 27, 408-22 Nociceptive spinothalamic tract and postsynaptic dorsal column neurons are modulated by paraventricular hypothalamic activation. 2008, 28, 546-58 Identification of neurotransmitters and co-localization of transmitters in brainstem respiratory neurons. 2008, 164, 18-27	63 18 27
715 714 713 712	Novel neurons in ventral tegmental area fire selectively during the active phase of the diurnal cycle. 2008, 27, 408-22 Nociceptive spinothalamic tract and postsynaptic dorsal column neurons are modulated by paraventricular hypothalamic activation. 2008, 28, 546-58 Identification of neurotransmitters and co-localization of transmitters in brainstem respiratory neurons. 2008, 164, 18-27 Lateral sharpening of cortical frequency tuning by approximately balanced inhibition. 2008, 58, 132-43	63 18 27 221
715 714 713 712 711	Novel neurons in ventral tegmental area fire selectively during the active phase of the diurnal cycle. 2008, 27, 408-22 Nociceptive spinothalamic tract and postsynaptic dorsal column neurons are modulated by paraventricular hypothalamic activation. 2008, 28, 546-58 Identification of neurotransmitters and co-localization of transmitters in brainstem respiratory neurons. 2008, 164, 18-27 Lateral sharpening of cortical frequency tuning by approximately balanced inhibition. 2008, 58, 132-43 Distribution of granule cells projecting to focal Purkinje cells in mouse uvula-nodulus. 2008, 156, 216-21 Periaqueductal gray neurons project to spinally projecting GABAergic neurons in the rostral	63 18 27 221

707	Two distinct activity patterns of fast-spiking interneurons during neocortical UP states. 2008, 105, 8428-33	81
706	Vibrissal responses of thalamic cells that project to the septal columns of the barrel cortex and to the second somatosensory area. 2008 , 28, 5169-77	29
705	Driver or coincidence detector: modal switch of a corticothalamic giant synapse controlled by spontaneous activity and short-term depression. 2008 , 28, 9652-63	95
704	Rhythmically active enkephalin-expressing GABAergic cells in the CA1 area of the hippocampus project to the subiculum and preferentially innervate interneurons. 2008 , 28, 10017-22	43
703	Functions of interneurons in mouse cerebellum. 2008 , 28, 1140-52	180
702	Dopamine modulates temporal dynamics of feedforward inhibition in rat prefrontal cortex in vivo. 2008 , 18, 2251-62	34
701	Role for NMDA receptors in visceral nociceptive transmission in the anterior cingulate cortex of viscerally hypersensitive rats. 2008 , 294, G918-27	35
700	Contrast-dependent and contrast-independent spatial summation of primary visual cortical neurons of the cat. 2008 , 18, 331-6	25
699	Sensation-targeted motor control: every spike counts? Focus on: "whisker movements evoked by stimulation of single motor neurons in the facial nucleus of the rat". 2008 , 99, 2757-9	7
698	Whisker movements evoked by stimulation of single motor neurons in the facial nucleus of the rat. 2008 , 99, 2821-32	48
697	High-amplitude positive spikes recorded extracellularly in cat visual cortex. 2009 , 102, 3340-51	28
696	NMDA receptor hypofunction leads to generalized and persistent aberrant gamma oscillations independent of hyperlocomotion and the state of consciousness. 2009 , 4, e6755	168
695	Distinct firing patterns of identified basket and dendrite-targeting interneurons in the prefrontal cortex during hippocampal theta and local spindle oscillations. 2009 , 29, 9563-74	59
694	Septal neurons in barrel cortex derive their receptive field input from the lemniscal pathway. 2009 , 29, 4089-95	59
693	Activity of neurochemically heterogeneous dopaminergic neurons in the substantia nigra during spontaneous and driven changes in brain state. 2009 , 29, 2915-25	81
692	Subthreshold receptive field properties distinguish different classes of corticothalamic neurons in the somatosensory system. 2009 , 29, 964-72	18
691	Neocortical networks entrain neuronal circuits in cerebellar cortex. 2009 , 29, 10309-20	90
690	Spiking in primary somatosensory cortex during natural whisking in awake head-restrained rats is cell-type specific. 2009 , 106, 16446-50	176

(2010-2009)

689	Activity profiles of cholinergic and intermingled GABAergic and putative glutamatergic neurons in the pontomesencephalic tegmentum of urethane-anesthetized rats. 2009 , 29, 4664-74	91
688	Sparse but selective and potent synaptic transmission from the globus pallidus to the subthalamic nucleus. 2009 , 102, 532-45	73
687	Sensory experience alters specific branches of individual corticocortical axons during development. 2009 , 29, 3172-81	47
686	Electrophysiological recordings from behaving animalsgoing beyond spikes. 2009 , 19, 513-9	43
685	Contrast enhancement of stimulus intermittency in a primary olfactory network and its behavioral significance. 2009 , 8, 21	65
684	Shack-Hartmann wave front measurements in cortical tissue for deconvolution of large three-dimensional mosaic transmitted light brightfield micrographs. 2009 , 233, 275-89	17
683	Microcircuitry coordination of cortical motor information in self-initiation of voluntary movements. 2009 , 12, 1586-93	160
682	Axonal projections of auditory cells with short and long response latencies in the medial geniculate nucleus: distinct topographies in the connection with the thalamic reticular nucleus. 2009 , 30, 783-99	14
681	Paraventricular hypothalamic oxytocinergic cells responding to noxious stimulation and projecting to the spinal dorsal horn represent a homeostatic analgesic mechanism. 2009 , 30, 1056-63	34
680	Advanced technique of infrared LED imaging of unstained cells and intracellular structures in isolated spinal cord, brainstem, ganglia and cerebellum. <i>Journal of Neuroscience Methods</i> , 2009 , 3 177, 369-80	41
679	Laminar structure of spontaneous and sensory-evoked population activity in auditory cortex. 2009 , 64, 404-18	424
678	Classic and Contemporary Neural Tract Tracing Techniques. 2009 , 272-308	5
677	Phasic excitation of dopamine neurons in ventral VTA by noxious stimuli. 2009, 106, 4894-9	788
676	MeCP2 is required for normal development of GABAergic circuits in the thalamus. 2010 , 103, 2470-81	68
675	Local axon collaterals of lamina I projection neurons in the spinal cord of young rats. 2010, 518, 2645-65	17
674	A simple method of in vitro electroporation allows visualization, recording, and calcium imaging of local neuronal circuits. <i>Journal of Neuroscience Methods</i> , 2010 , 191, 1-10	18
673	A neural mechanism for exacerbation of headache by light. 2010 , 13, 239-45	360
672	The functional asymmetry of auditory cortex is reflected in the organization of local cortical circuits. 2010 , 13, 1413-20	81

671	Morpho-physiologic characteristics of dorsal subicular network in mice after pilocarpine-induced status epilepticus. 2010 , 20, 80-95	11
670	Orexin/hypocretin modulates response of ventral tegmental dopamine neurons to prefrontal activation: diurnal influences. 2010 , 30, 15585-99	95
669	Serotonin modulates fast-spiking interneuron and synchronous activity in the rat prefrontal cortex through 5-HT1A and 5-HT2A receptors. 2010 , 30, 2211-22	138
668	Visual receptive field properties of neurons in the superficial superior colliculus of the mouse. 2010 , 30, 16573-84	131
667	A basal ganglia pathway drives selective auditory responses in songbird dopaminergic neurons via disinhibition. 2010 , 30, 1027-37	68
666	Decreased rhythmic GABAergic septal activity and memory-associated theta oscillations after hippocampal amyloid-beta pathology in the rat. 2010 , 30, 10991-1003	73
665	Neuromodulation of Hippocampal Cells and Circuits. 2010 , 187-246	9
664	Diverse patterns of odor representation by neurons in the anterior piriform cortex of awake mice. 2010 , 30, 16662-72	64
663	Temporal and spatial characteristics of vibrissa responses to motor commands. 2010 , 30, 8935-52	36
662	Spatiotemporal dynamics of rhythmic spinal interneurons measured with two-photon calcium imaging and coherence analysis. 2010 , 104, 3323-33	18
661	Involvement of the thalamic parafascicular nucleus in mesial temporal lobe epilepsy. 2010 , 30, 16523-35	43
660	Nanostimulation: manipulation of single neuron activity by juxtacellular current injection. 2010 , 103, 1696-704	256
659	No simple brakethe complex functions of inhibitory synapses. 2010 , 43 Suppl 1, S21-31	9
658	Dimensions of a projection column and architecture of VPM and POm axons in rat vibrissal cortex. 2010 , 20, 2265-76	160
657	Odor information processing by the olfactory bulb analyzed in gene-targeted mice. 2010 , 65, 912-26	133
656	Preceding inhibition silences layer 6 neurons in auditory cortex. 2010 , 65, 706-17	77
655	Juxtacellular labeling of tonically active neurons and phasically active neurons in the rat striatum. 2010 , 168, 395-404	54
654	Distinct types of non-cholinergic pedunculopontine neurons are differentially modulated during global brain states. 2010 , 170, 78-91	50

653	Phasic responses in dorsal raphe serotonin neurons to noxious stimuli. 2010 , 171, 1209-15	70
652	Electrophysiological Approaches for Studying Neuronal Circuits In Vivo. 2011 , 191-203	
651	Glutamatergic pre-ictal discharges emerge at the transition to seizure in human epilepsy. 2011 , 14, 627-34	204
650	The Juxtacellular Recording-Labeling Technique. 2011 , 41-75	8
649	Electrophysiological Recording Techniques. 2011,	6
648	Cellular correlate of assembly formation in oscillating hippocampal networks in vitro. 2011 , 108, E607-16	93
647	A half century of experimental neuroanatomical tracing. 2011 , 42, 157-83	144
646	How do neurons work together? Lessons from auditory cortex. 2011 , 271, 37-53	47
645	Microcircuits of functionally identified neurons in the rat medial entorhinal cortex. 2011, 70, 773-86	112
644	High-frequency stimulation of the subthalamic nucleus inhibits the firing of juxtacellular labelled 5-HT-containing neurones. 2011 , 186, 135-45	24
643	Spike-timing relationship of neurochemically-identified dorsal raphe neurons during cortical slow oscillations. 2011 , 196, 115-23	20
642	Sleep-waking discharge profiles of dorsal raphe nucleus neurons in mice. 2011 , 197, 200-24	41
641	Copyright. 2011 , iv	
640	In vivo Labeling of Constellations of Functionally Identified Neurons for Targeted in vitro Recordings. 2011 , 5, 16	13
639	Role of Striatum in the Pause and Burst Generation in the Globus Pallidus of 6-OHDA-Treated Rats. 2011 , 5, 42	53
638	Regulation of visceral sympathetic tone by A5 noradrenergic neurons in rodents. <i>Journal of Physiology</i> , 2011 , 589, 903-17	31
637	Integration and propagation of somatosensory responses in the corticostriatal pathway: an intracellular study in vivo. <i>Journal of Physiology</i> , 2011 , 589, 263-81	37
636	Simulation of signal flow in 3D reconstructions of an anatomically realistic neural network in rat vibrissal cortex. 2011 , 24, 998-1011	27

635	Axonal projections of medullary swallowing neurons in guinea pigs. 2011 , 519, 2193-211	23
634	Microlesions of the inferior olive reduce vestibular modulation of Purkinje cell complex and simple spikes in mouse cerebellum. 2011 , 31, 9824-35	19
633	Topsy turvy: functions of climbing and mossy fibers in the vestibulo-cerebellum. 2011 , 17, 221-36	19
632	Cortical projections of functionally identified thalamic trigeminovascular neurons: implications for migraine headache and its associated symptoms. 2011 , 31, 14204-17	123
631	Spontaneous activity signatures of morphologically identified interneurons in the vestibulocerebellum. 2011 , 31, 712-24	84
630	Anisotropic distribution of thalamocortical boutons in barrels. 2011 , 31, 6432-9	23
629	Phase advancement and nucleus-specific timing of thalamocortical activity during slow cortical oscillation. 2011 , 31, 607-17	40
628	Terminal field and firing selectivity of cholecystokinin-expressing interneurons in the hippocampal CA3 area. 2011 , 31, 18073-93	57
627	In vivo visualization of single-unit recording sites using MRI-detectable elgiloy deposit marking. 2011 , 105, 1380-92	13
626	Cortical stimulation evokes abnormal responses in the dopamine-depleted rat basal ganglia. 2011 , 31, 10311-22	69
625	Power-law inter-spike interval distributions infer a conditional maximization of entropy in cortical neurons. 2012 , 8, e1002461	28
624	3D reconstruction and standardization of the rat vibrissal cortex for precise registration of single neuron morphology. 2012 , 8, e1002837	35
623	Laminar-dependent effects of cortical state on auditory cortical spontaneous activity. 2012 , 6, 109	48
622	Parallel mitral and tufted cell pathways route distinct odor information to different targets in the olfactory cortex. 2012 , 32, 7970-85	244
621	Differentiated participation of thalamocortical subnetworks in slow/spindle waves and desynchronization. 2012 , 32, 1730-46	39
620	GABA metabolism and transport: effects on synaptic efficacy. 2012 , 2012, 805830	68
619	Opposite effects of ketamine and deep brain stimulation on rat thalamocortical information processing. 2012 , 36, 3407-19	46
618	Optogenetic activation of basal forebrain cholinergic neurons modulates neuronal excitability and sensory responses in the main olfactory bulb. 2012 , 32, 10105-16	96

617 Running just to stand still. **2012**, 15, 1175-6

616	K-ATP channels in dopamine substantia nigra neurons control bursting and novelty-induced exploration. 2012 , 15, 1272-80	146
615	Intracortical connectivity of layer VI pyramidal neurons in the somatosensory cortex of normal and barrelless mice. 2012 , 35, 855-69	19
614	Cell type-specific three-dimensional structure of thalamocortical circuits in a column of rat vibrissal cortex. 2012 , 22, 2375-91	211
613	The generation of direction selectivity in the auditory system. 2012 , 73, 1016-27	58
612	Cell-type-specific recruitment of amygdala interneurons to hippocampal theta rhythm and noxious stimuli in vivo. 2012 , 74, 1059-74	115
611	Dichotomous organization of the external globus pallidus. 2012 , 74, 1075-86	274
610	Are you or aren't you? Challenges associated with physiologically identifying dopamine neurons. 2012 , 35, 422-30	280
609	Neurogliaform cells of amygdala: a source of slow phasic inhibition in the basolateral complex. <i>Journal of Physiology</i> , 2012 , 590, 5611-27	37
608	Frequency-invariant temporal ordering of interneuronal discharges during hippocampal oscillations in awake mice. 2012 , 109, E2726-34	172
607	Distinct neural firing mechanisms to tonal stimuli offset in the inferior colliculus of mice in vivo. 2012 , 73, 224-37	21
606	Irregular primary otolith afferents from the guinea pig utricular and saccular maculae respond to both bone conducted vibration and to air conducted sound. 2012 , 89, 16-21	68
605	Structural correlates of heterogeneous in vivo activity of midbrain dopaminergic neurons. 2012 , 15, 613-9	94
604	Rhythmic neuronal activity in S2 somatosensory and insular cortices contribute to the initiation of absence-related spike-and-wave discharges. 2012 , 53, 1948-58	39
603	Temporal dynamics of parvalbumin-expressing axo-axonic and basket cells in the rat medial prefrontal cortex in vivo. 2012 , 32, 16496-16502	72
602	Discharge properties of presumed cholinergic and noncholinergic laterodorsal tegmental neurons related to cortical activation in non-anesthetized mice. 2012 , 224, 172-90	29
601	Distinctions in burst spiking between thalamic reticular nucleus cells projecting to the dorsal lateral geniculate and lateral posterior nuclei in the anesthetized rat. 2012 , 226, 208-26	10
600	Functional impact of interneuronal inhibition in the cerebral cortex of behaving animals. 2012 , 99, 163-78	40

599	Culturing embryonic nasal explants for developmental and physiological study. 2012 , Chapter 3, Unit 3.25.1-16	13
598	Visualization Techniques. 2012 ,	
597	Morphological and physiological characteristics of laminar cells in the central nucleus of the inferior colliculus. 2012 , 6, 55	32
596	Single-neuron recordings from unanesthetized mouse dorsal cochlear nucleus. 2012 , 107, 824-35	12
595	Extrinsic and local glutamatergic inputs of the rat hippocampal CA1 area differentially innervate pyramidal cells and interneurons. 2012 , 22, 1379-91	54
594	Behavior-dependent specialization of identified hippocampal interneurons. 2012 , 15, 1265-71	172
593	Friction-based stabilization of juxtacellular recordings in freely moving rats. 2012 , 108, 697-707	30
592	Unveiling the diversity of thalamocortical neuron subtypes. 2012 , 35, 1524-32	106
591	An in vivo technique for investigating electrophysiological effects of centrally administered drugs on single neurons and network behaviour. <i>Journal of Neuroscience Methods</i> , 2013 , 219, 197-204	
590	Stimulation and Inhibition of Neurons. 2013,	
589	Long-lasting single-neuron labeling by in vivo electroporation without microscopic guidance. <i>Journal of Neuroscience Methods</i> , 2013 , 218, 139-47	14
588	Single-cell juxtacellular transfection and recording technique. 2013 , 465, 1637-49	3
587	Network state-dependent inhibition of identified hippocampal CA3 axo-axonic cells in vivo. 2013 , 16, 1802-1811	98
586	Synchronous firing of antennal-lobe projection neurons encodes the behaviorally effective ratio of sex-pheromone components in male Manduca sexta. 2013 , 199, 963-79	25
585	Heterogeneous responses of nucleus incertus neurons to corticotrophin-releasing factor and coherent activity with hippocampal theta rhythm in the rat. <i>Journal of Physiology</i> , 2013 , 591, 3981-4001 ^{3.9}	63
584	GABAergic mechanisms for shaping transient visual responses in the mouse superior colliculus. 2013 , 235, 129-40	13
583	Cellular adaptations of dorsal raphe serotonin neurons associated with the development of active coping in response to social stress. 2013 , 73, 1087-94	55
582	Neurobiotin Electroporation for Combined Structural and Functional Analysis of Neurons in Developing Mouse Brain Slices. 2013 , 151-165	8

(2014-2013)

581	Juxtacellular Neuronal Labelling, Physiological Characterization and Phenotypic Identification of Single Neurons In Vivo. 2013 , 167-186	1
580	Fast network oscillations in the hippocampus. 2013 , 19, 1-10	1
579	The synchronous activity of lateral habenular neurons is essential for regulating hippocampal theta oscillation. 2013 , 33, 8909-21	56
578	Noxious stimulation excites serotonergic neurons: a comparison between the lateral paragigantocellular reticular and the raphe magnus nuclei. 2013 , 154, 647-659	13
577	Exploring Brain Connectivity in Insect Model Systems of Learning and Memory. 2013, 26-40	3
576	Functional coupling from simple to complex cells in the visually driven cortical circuit. 2013, 33, 18855-66	16
575	Probabilistic identification of cerebellar cortical neurones across species. 2013 , 8, e57669	30
574	Modulated discharge of Purkinje and stellate cells persists after unilateral loss of vestibular primary afferent mossy fibers in mice. 2013 , 110, 2257-74	9
573	Medullary serotonin neurons are CO2 sensitive in situ. 2013 , 110, 2536-44	36
572	Retrograde fluorescent labeling allows for targeted extracellular single-unit recording from identified neurons in vivo. 2013 ,	9
571	Transgenic mouse models enabling photolabeling of individual neurons in vivo. 2013, 8, e62132	17
570	Layer-specific high-frequency action potential spiking in the prefrontal cortex of awake rats. 2013 , 7, 99	21
569	Neural dynamics and information representation in microcircuits of motor cortex. 2013, 7, 85	9
568	Cerebellar cortical neuron responses evoked from the spinal border cell tract. 2013 , 7, 157	8
567	Neurochemical pathways that converge on thalamic trigeminovascular neurons: potential substrate for modulation of migraine by sleep, food intake, stress and anxiety. 2014 , 9, e103929	61
566	Classic and Contemporary Neural Tract-Tracing Techniques. 2014 , 359-399	9
565	Three axonal projection routes of individual pyramidal cells in the ventral CA1 hippocampus. 2014 , 8, 53	36
564	Generation of dense statistical connectomes from sparse morphological data. 2014 , 8, 129	41

563	Dopamine control of pyramidal neuron activity in the primary motor cortex via D2 receptors. 2014 , 8, 13		28
562	Consciousness and Subcortical Arousal Systems. 2014 , 277-298		3
561	. 2014,		
560	Phasic, nonsynaptic GABA-A receptor-mediated inhibition entrains thalamocortical oscillations. 2014 , 34, 7137-47		35
559	Regulation of breathing and autonomic outflows by chemoreceptors. 2014 , 4, 1511-62		180
558	Convergence of cortical and sensory driver inputs on single thalamocortical cells. 2014 , 24, 3167-79		104
557	Circuit models and experimental noise measurements of micropipette amplifiers for extracellular neural recordings from live animals. 2014 , 2014, 135026		7
556	Channelrhodopsin-assisted patching: in vivo recording of genetically and morphologically identified neurons throughout the brain. 2014 , 9, 2304-16		50
555	Increased burst-firing of ventral tegmental area dopaminergic neurons in D-amino acid oxidase knockout mice in vivo. 2014 , 40, 2999-3009		11
554	Temporal coupling with cortex distinguishes spontaneous neuronal activities in identified basal ganglia-recipient and cerebellar-recipient zones of the motor thalamus. 2014 , 24, 81-97		36
553	Single unit activity of the suprachiasmatic nucleus and surrounding neurons during the wake-sleep cycle in mice. 2014 , 260, 249-64		12
552	Optimized temporally deconvolved Call+ imaging allows identification of spatiotemporal activity patterns of CA1 hippocampal ensembles. 2014 , 94, 239-249		5
551	Convergence of cortical and thalamic input to direct and indirect pathway medium spiny neurons in the striatum. 2014 , 219, 1787-800		70
550	Stereological and ultrastructural quantification of the afferent synaptome of individual neurons. 2014 , 219, 631-40		10
549	The Filament Editor: an interactive software environment for visualization, proof-editing and analysis of 3D neuron morphology. 2014 , 12, 325-39		30
548	The effect of amygdala kindling on neuronal firing patterns in the lateral thalamus in the GAERS model of absence epilepsy. 2014 , 55, 654-665		11
547	Acute effect of carbamazepine on corticothalamic 5-9-Hz and thalamocortical spindle (10-16-Hz) oscillations in the rat. 2014 , 39, 788-99		4
546	Grid-layout and theta-modulation of layer 2 pyramidal neurons in medial entorhinal cortex. <i>Science</i> , 2014 , 343, 891-6	.3	125

(2015-2014)

545	Diverse subthreshold cross-modal sensory interactions in the thalamic reticular nucleus: implications for new pathways of cross-modal attentional gating function. 2014 , 39, 1405-18	22
544	Mutant Bynuclein enhances firing frequencies in dopamine substantia nigra neurons by oxidative impairment of A-type potassium channels. 2014 , 34, 13586-99	80
543	Juxtacellular recording and morphological identification of single neurons in freely moving rats. 2014 , 9, 2369-81	38
542	In vivo local dye electroporation for Ca🕒 imaging and neuronal-circuit tracing. 2014 , 2014, 940-7	
541	CO2-inhibited neurons in the medullary raph* are GABAergic. 2014 , 203, 28-34	16
540	Function of inhibitory micronetworks is spared by Na+ channel-acting anticonvulsant drugs. 2014 , 34, 9720-35	21
539	Selective increase of in vivo firing frequencies in DA SN neurons after proteasome inhibition in the ventral midbrain. 2014 , 40, 2898-909	20
538	A group of non-serotonergic cells is CO2-stimulated in the medullary raph'. 2014 , 259, 203-13	19
537	Peptidergic Control of Oxytocin and Vasopressin Neurons and Its Role in Reproductive and Hypertension-Associated Plasticity. 2014 , 63-84	2
(Deep layer neurons in the rat medial entorhinal cortex fire sparsely irrespective of spatial novelty.	
536	2014 , 8, 74	10
535	2014, 8, 74 Separation of electrophysiologically distinct neuronal populations in the rat hippocampus for neuropharmacological testing under in vivo conditions. 2014, 65, 241-51	6
	Separation of electrophysiologically distinct neuronal populations in the rat hippocampus for	
535	Separation of electrophysiologically distinct neuronal populations in the rat hippocampus for neuropharmacological testing under in vivo conditions. 2014 , 65, 241-51 Abnormal functional connectivity between motor cortex and pedunculopontine nucleus following	6
535 534	Separation of electrophysiologically distinct neuronal populations in the rat hippocampus for neuropharmacological testing under in vivo conditions. 2014 , 65, 241-51 Abnormal functional connectivity between motor cortex and pedunculopontine nucleus following chronic dopamine depletion. 2014 , 111, 434-40 Juxtasomal biocytin labeling to study the structure-function relationship of individual cortical	6
535534533	Separation of electrophysiologically distinct neuronal populations in the rat hippocampus for neuropharmacological testing under in vivo conditions. 2014 , 65, 241-51 Abnormal functional connectivity between motor cortex and pedunculopontine nucleus following chronic dopamine depletion. 2014 , 111, 434-40 Juxtasomal biocytin labeling to study the structure-function relationship of individual cortical neurons. 2014 , e51359 Whisking-Related Changes in Neuronal Firing and Membrane Potential Dynamics in the	6 19 12
535534533532	Separation of electrophysiologically distinct neuronal populations in the rat hippocampus for neuropharmacological testing under in vivo conditions. 2014, 65, 241-51 Abnormal functional connectivity between motor cortex and pedunculopontine nucleus following chronic dopamine depletion. 2014, 111, 434-40 Juxtasomal biocytin labeling to study the structure-function relationship of individual cortical neurons. 2014, e51359 Whisking-Related Changes in Neuronal Firing and Membrane Potential Dynamics in the Somatosensory Thalamus of Awake Mice. 2015, 13, 647-656 A concurrent excitation and inhibition of dopaminergic subpopulations in response to nicotine.	6 19 12 65
535534533532531	Separation of electrophysiologically distinct neuronal populations in the rat hippocampus for neuropharmacological testing under in vivo conditions. 2014, 65, 241-51 Abnormal functional connectivity between motor cortex and pedunculopontine nucleus following chronic dopamine depletion. 2014, 111, 434-40 Juxtasomal biocytin labeling to study the structure-function relationship of individual cortical neurons. 2014, e51359 Whisking-Related Changes in Neuronal Firing and Membrane Potential Dynamics in the Somatosensory Thalamus of Awake Mice. 2015, 13, 647-656 A concurrent excitation and inhibition of dopaminergic subpopulations in response to nicotine. 2015, 5, 8184	6 19 12 65

527	Decoding brain state transitions in the pedunculopontine nucleus: cooperative phasic and tonic mechanisms. 2015 , 9, 68	31
526	Vibrissa Self-Motion and Touch Are Reliably Encoded along the Same Somatosensory Pathway from Brainstem through Thalamus. 2015 , 13, e1002253	69
525	Quantitative Analyses of the Projection of Individual Neurons from the Midline Thalamic Nuclei to the Striosome and Matrix Compartments of the Rat Striatum. 2017 , 27, 1164-1181	20
524	Increased dopamine D2 receptor activity in the striatum alters the firing pattern of dopamine neurons in the ventral tegmental area. 2015 , 112, E1498-506	45
523	Decreased subcortical cholinergic arousal in focal seizures. 2015 , 85, 561-72	82
522	Large intercalated neurons of amygdala relay noxious sensory information. 2015 , 35, 2044-57	35
521	In vivo analysis of Purkinje cell firing properties during postnatal mouse development. 2015 , 113, 578-91	54
520	Area-specific reestablishment of damaged circuits in the adult cerebral cortex by cortical neurons derived from mouse embryonic stem cells. 2015 , 85, 982-97	94
519	A subcortical inhibitory signal for behavioral arrest in the thalamus. 2015 , 18, 562-568	48
518	Spontaneous activity does not predict morphological type in cerebellar interneurons. 2015 , 35, 1432-42	10
517	Beyond Columnar Organization: Cell Type- and Target Layer-Specific Principles of Horizontal Axon Projection Patterns in Rat Vibrissal Cortex. 2015 , 25, 4450-68	66
516	Pharmacological Evidence for 5-HT6 Receptor Modulation of 5-HT Neuron Firing in Vivo. 2015 , 6, 1241-7	16
515	Isoflurane causes concentration-dependent inhibition of medullary raph' 5-HT neurons in situ. 2015 , 193, 51-6	12
514	Fast neuronal labeling in live tissue using a biocytin conjugated fluorescent probe. <i>Journal of Neuroscience Methods</i> , 2015 , 253, 101-9	3
513	Determinants of different deep and superficial CA1 pyramidal cell dynamics during sharp-wave ripples. 2015 , 18, 1281-1290	130
512	What single-cell stimulation has told us about neural coding. 2015 , 370, 20140204	25
511	Anatomical identification of extracellularly recorded cells in large-scale multielectrode recordings. 2015 , 35, 4663-75	43
510	Anatomically structured burst spiking of thalamic reticular nucleus cells: implications for distinct modulations of sensory processing in lemniscal and non-lemniscal thalamocortical loop circuitries. 2015 , 41, 1276-93	10

(2016-2015)

509	Juxtacellular Monitoring and Localization of Single Neurons within Sub-cortical Brain Structures of Alert, Head-restrained Rats. 2015 ,	5
508	Nectin-1 spots regulate the branching of olfactory mitral cell dendrites. 2015 , 68, 143-50	8
507	Climbing fibers mediate vestibular modulation of both "complex" and "simple spikes" in Purkinje cells. 2015 , 14, 597-612	3
506	Temporal Structure of Neuronal Activity among Cortical Neuron Subtypes during Slow Oscillations in Anesthetized Rats. 2015 , 35, 11988-2001	14
505	Recording, labeling, and transfection of single neurons in deep brain structures. 2015, 3, e12246	10
504	Prenatal Stress Produces Persistence of Remote Memory and Disrupts Functional Connectivity in the Hippocampal-Prefrontal Cortex Axis. 2015 , 25, 3132-43	27
503	Temporal organization of GABAergic interneurons in the intermediate CA1 hippocampus during network oscillations. 2015 , 25, 1228-40	23
502	Neural Tracing Methods. 2015 ,	1
501	The Primate Basal Ganglia Connectome As Revealed By Single-Axon Tracing. 2016 , 27-46	5
500	Cortical Dependence of Whisker Responses in Posterior Medial Thalamus In Vivo. 2016 , 26, 3534-43	25
499	Neuronal Cell Types in the Neocortex. 2016 , 183-202	1
499 498	Neuronal Cell Types in the Neocortex. 2016 , 183-202 Axonal Projection of Olfactory Bulb Tufted and Mitral Cells to Olfactory Cortex. 2016 , 3-26	1 7
		1 7 18
498	Axonal Projection of Olfactory Bulb Tufted and Mitral Cells to Olfactory Cortex. 2016 , 3-26	7
498 497	Axonal Projection of Olfactory Bulb Tufted and Mitral Cells to Olfactory Cortex. 2016 , 3-26 Anatomy and Development of Multispecific Thalamocortical Axons. 2016 , 69-92 Cre-Lox Neurogenetics: 20 Years of Versatile Applications in Brain Research and Counting 2016 ,	7 18
498 497 496	Axonal Projection of Olfactory Bulb Tufted and Mitral Cells to Olfactory Cortex. 2016, 3-26 Anatomy and Development of Multispecific Thalamocortical Axons. 2016, 69-92 Cre-Lox Neurogenetics: 20 Years of Versatile Applications in Brain Research and Counting 2016, 7, 19 A Simple and Efficient In Vivo Non-viral RNA Transfection Method for Labeling the Whole Axonal	7 18 34
498 497 496 495	Axonal Projection of Olfactory Bulb Tufted and Mitral Cells to Olfactory Cortex. 2016, 3-26 Anatomy and Development of Multispecific Thalamocortical Axons. 2016, 69-92 Cre-Lox Neurogenetics: 20 Years of Versatile Applications in Brain Research and Counting[2016, 7, 19 A Simple and Efficient In Vivo Non-viral RNA Transfection Method for Labeling the Whole Axonal Tree of Individual Adult Long-Range Projection Neurons. 2016, 10, 27	7 18 34 9
498 497 496 495	Axonal Projection of Olfactory Bulb Tufted and Mitral Cells to Olfactory Cortex. 2016, 3-26 Anatomy and Development of Multispecific Thalamocortical Axons. 2016, 69-92 Cre-Lox Neurogenetics: 20 Years of Versatile Applications in Brain Research and Counting[2016, 7, 19 A Simple and Efficient In Vivo Non-viral RNA Transfection Method for Labeling the Whole Axonal Tree of Individual Adult Long-Range Projection Neurons. 2016, 10, 27 Connectomic Analysis of Brain Networks: Novel Techniques and Future Directions. 2016, 10, 110 Firing Properties of Genetically Identified Dorsal Raphe Serotonergic Neurons in Brain Slices. 2016,	7 18 34 9

491	512-Channel and 13-Region Simultaneous Recordings Coupled with Optogenetic Manipulation in Freely Behaving Mice. 2016 , 10, 48	15
490	A Simple Picaxe Microcontroller Pulse Source for Juxtacellular Neuronal Labelling. 2016 , 3,	
489	Intrinsic and Network Mechanisms Constrain Neural Synchrony in the Moth Antennal Lobe. 2016 , 7, 80	5
488	The rat suprachiasmatic nucleus: the master clock ticks at 30 Hz. <i>Journal of Physiology</i> , 2016 , 594, 3629-59.9	14
487	Divergent in vivo activity of non-serotonergic and serotonergic VGluT3-neurones in the median raphe region. <i>Journal of Physiology</i> , 2016 , 594, 3775-90	13
486	DREADD-induced activation of subfornical organ neurons stimulates thirst and salt appetite. 2016 , 115, 3123-9	39
485	Inhibition, Not Excitation, Drives Rhythmic Whisking. 2016 , 90, 374-87	42
484	Loss of Homeostasis in the Direct Pathway in a Mouse Model of Asymptomatic Parkinson's Disease. 2016 , 36, 5686-98	36
483	Regenerative therapy for vestibular disorders using human induced pluripotent stem cells (iPSCs): neural differentiation of human iPSC-derived neural stem cells after in vitro transplantation into mouse vestibular epithelia. 2016 , 136, 999-1005	4
482	Immediate manifestation of acoustic trauma in the auditory cortex is layer specific and cell type dependent. 2016 , 115, 1860-74	15
481	Cell Type-Specific Differences in Spike Timing and Spike Shape in the Rat Parasubiculum and Superficial Medial Entorhinal Cortex. 2016 , 16, 1005-1015	23
480	Electrophysiology of the Appetite-Regulating Circuits of the Hypothalamus. 2016 , 151-173	
479	High-frequency stimulation of the subthalamic nucleus modulates neuronal activity in the lateral habenula nucleus. 2016 , 44, 2698-2707	7
478	Midline thalamic neurons are differentially engaged during hippocampus network oscillations. 2016 , 6, 29807	19
477	Identified Cellular Correlates of Neocortical Ripple and High-Gamma Oscillations during Spindles of Natural Sleep. 2016 , 92, 916-928	34
476	Corticothalamic Spike Transfer via the L5B-POm Pathway in vivo. 2016 , 26, 3461-75	21
475	Segregated cholinergic transmission modulates dopamine neurons integrated in distinct functional circuits. 2016 , 19, 1025-33	78
474	The N-Methyl d-Aspartate Glutamate Receptor Antagonist Ketamine Disrupts the Functional State of the Corticothalamic Pathway. 2017 , 27, 3172-3185	16

473	Inhibiting Lateral Habenula Improves L-DOPA-Induced Dyskinesia. 2016 , 79, 345-353		12
472	An optimized surgical approach for obtaining stable extracellular single-unit recordings from the cerebellum of head-fixed behaving mice. <i>Journal of Neuroscience Methods</i> , 2016 , 262, 21-31	3	18
471	In Vivo Whole-Cell Recordings. 2016 , 1-19		
470	LRRK2 BAC transgenic rats develop progressive, L-DOPA-responsive motor impairment, and deficits in dopamine circuit function. 2016 , 25, 951-63		42
469	Juxtasomal Loose-Patch Recordings in Awake, Head-Fixed Rats to Study the Link Between Structure and Function of Individual Neurons. 2016 , 21-35		1
468	Membrane Potential Dynamics of CA1 Pyramidal Neurons during Hippocampal Ripples in Awake Mice. 2016 , 89, 800-13		37
467	Functional Architecture of the Rat Parasubiculum. 2016 , 36, 2289-301		38
466	Variable Temporal Integration of Stimulus Patterns in the Mouse Barrel Cortex. 2017 , 27, 1758-1764		16
465	Orexin Neurons Respond Differentially to Auditory Cues Associated with Appetitive versus Aversive Outcomes. 2016 , 36, 1747-57		27
464	The response of guinea pig primary utricular and saccular irregular neurons to bone-conducted vibration (BCV) and air-conducted sound (ACS). 2016 , 331, 131-43		72
463	Impaired Serotonergic Brainstem Function during and after Seizures. 2016 , 36, 2711-22		74
462	The genetic absence epilepsy rat from Strasbourg as a model to decipher the neuronal and network mechanisms of generalized idiopathic epilepsies. <i>Journal of Neuroscience Methods</i> , 2016 , 260, 159-74	3	70
461	Medullary Reticular Neurons Mediate Neuropeptide Y-Induced Metabolic Inhibition and Mastication. 2017 , 25, 322-334		34
460	Spatial Representations of Granule Cells and Mossy Cells of the Dentate Gyrus. 2017 , 93, 677-690.e5		120
459	The Epac-Phospholipase CIPathway Regulates Endocannabinoid Signaling and Cocaine-Induced Disinhibition of Ventral Tegmental Area Dopamine Neurons. 2017 , 37, 3030-3044		12
458	Robust interactions between the effects of auditory and cutaneous electrical stimulations on cell activities in the thalamic reticular nucleus. 2017 , 1661, 49-66		10
457	Promising techniques to illuminate neuromodulatory control of the cerebral cortex in sleeping and waking states. 2017 , 118, 92-103		4
456	A robot for high yield electrophysiology and morphology of single neurons in vivo. 2017 , 8, 15604		15

455	Temporally precise control of single-neuron spiking by juxtacellular nanostimulation. 2017, 117, 1363-1378	6
454	Genetic silencing of olivocerebellar synapses causes dystonia-like behaviour in mice. 2017 , 8, 14912	69
453	Behavior-dependent activity patterns of GABAergic long-range projecting neurons in the rat hippocampus. 2017 , 27, 359-377	32
452	Seizures and Sleep in the Thalamus: Focal Limbic Seizures Show Divergent Activity Patterns in Different Thalamic Nuclei. 2017 , 37, 11441-11454	39
451	Pyramidal Cell-Interneuron Circuit Architecture and Dynamics in Hippocampal Networks. 2017 , 96, 505-520.e	7 101
450	Relationships between structure, in vivo function and long-range axonal target of cortical pyramidal tract neurons. 2017 , 8, 870	28
449	Response dynamics of rat barrel cortex neurons to repeated sensory stimulation. 2017 , 7, 11445	10
448	NaCl and osmolarity produce different responses in organum vasculosum of the lamina terminalis neurons, sympathetic nerve activity and blood pressure. <i>Journal of Physiology</i> , 2017 , 595, 6187-6201	27
447	Behavior-Dependent Activity and Synaptic Organization of Septo-hippocampal GABAergic Neurons Selectively Targeting the Hippocampal CA3 Area. 2017 , 96, 1342-1357.e5	36
446	Vibrissa motor cortex activity suppresses contralateral whisking behavior. 2017 , 20, 82-89	33
445	Monoaminergic control of brain states and sensory processing: Existing knowledge and recent insights obtained with optogenetics. 2017 , 151, 237-253	24
444	Cell Type-Specific Structural Organization of the Six Layers in Rat Barrel Cortex. 2017 , 11, 91	46
443	A GABAergic cell type in the lateral habenula links hypothalamic homeostatic and midbrain motivation circuits with sex steroid signaling. 2018 , 8, 50	44
442	Testing the Efficacy of Single-Cell Stimulation in Biasing Presubicular Head Direction Activity. 2018 , 38, 3287-3302	6
441	Morphological characterization of HVC projection neurons in the zebra finch (Taeniopygia guttata). 2018 , 526, 1673-1689	7
440	Manipulating Hippocampal Place Cell Activity by Single-Cell Stimulation in Freely Moving Mice. 2018 , 23, 32-38	36
439	In Vivo Loose-Patch-Juxtacellular Labeling of Cerebellar Neurons in Mice. 2018 , 1-18	1
438	Targeted Electrophysiological Recordings In Vivo in the Mouse Cerebellum. 2018, 19-37	

437	Robust Subthreshold Cross-modal Modulation of Auditory Response by Cutaneous Electrical Stimulation in First- and Higher-order Auditory Thalamic Nuclei. 2018 , 372, 161-180		5
436	Cre-lox Neurogenetics. 2018 , 479-490		
435	Shaping somatosensory responses in awake rats: cortical modulation of thalamic neurons. 2018 , 223, 851-872		2
434	Information processing across behavioral states: Modes of operation and population dynamics in rodent sensory cortex. 2018 , 368, 214-228		15
433	Linking neuronal structure to function in rodent hippocampus: a methodological prospective. 2018 , 373, 605-618		3
432	Role of the Axon Initial Segment in the Control of Spontaneous Frequency of Nigral Dopaminergic Neurons. 2018 , 38, 733-744		25
431	Neuromodulation of Hippocampal Cells and Circuits. 2018, 227-325		2
430	Cell Type-Specific Activity During Hippocampal Network Oscillations In Vitro. 2018, 327-364		
429	Recording Identified Neurons in Awake and Anesthetized Rodents. 2018, 365-409		1
428	Recording Day and Night: Advice for New Investigators in the Sleep and Memory Field. 2018 , 43-62		O
427	Visually Guided Single-Cell Recordings in the Hippocampus of Awake Mice. 2018 , 28, 123-134		1
426	A highly collateralized thalamic cell type with arousal-predicting activity serves as a key hub for graded state transitions in the forebrain. 2018 , 21, 1551-1562		27
425	Shared rhythmic subcortical GABAergic input to the entorhinal cortex and presubiculum. <i>ELife</i> , 2018 , 7,	8.9	14
424	Interspike interval analysis and spikelets in presubicular head-direction cells. 2018 , 120, 564-575		8
423	Action potential propagation recorded from single axonal arbors using multielectrode arrays. 2018 , 120, 306-320		4
422	Diverse Long-Range Axonal Projections of Excitatory Layer 2/3 Neurons in Mouse Barrel Cortex. 2018 , 12, 33		38
421	Septal and Hippocampal Neurons Contribute to Auditory Relay and Fear Conditioning. 2018 , 12, 102		9
420	Layer 4 barrel cortex neurons retain their response properties during whisker replacement. 2018 , 120, 2218-2231		

419	Leveraging calcium imaging to illuminate circuit dysfunction in addiction. 2019, 74, 47-63	22
418	Impact of mTOR hyperactive neurons on the morphology and physiology of adjacent neurons: Do PTEN KO cells make bad neighbors?. 2019 , 321, 113029	1
417	Methods for single-cell recording and labeling in vivo. <i>Journal of Neuroscience Methods</i> , 2019 , 325, 10835/4	6
416	Functional Architecture and Encoding of Tactile Sensorimotor Behavior in Rat Posterior Parietal Cortex. 2019 , 39, 7332-7343	8
415	Differential Inhibitory Configurations Segregate Frequency Selectivity in the Mouse Inferior Colliculus. 2019 , 39, 6905-6921	6
414	Electrophysiological and Neurochemical Considerations of Distinct Neuronal Populations in the Rat Pedunculopontine Nucleus and Their Responsiveness Following 6-Hydroxydopamine Lesions. 2019 , 13, 1034	2
413	Sensitivity to Stimulus Irregularity Is Inherent in Neural Networks. 2019 , 31, 1789-1824	1
412	Recruitment of GABAergic Interneurons in the Barrel Cortex during Active Tactile Behavior. 2019 , 104, 412-427.e4	68
411	Head-mounted approaches for targeting single-cells in freely moving animals. <i>Journal of Neuroscience Methods</i> , 2019 , 326, 108397	3
410	Phase-locking of irregular guinea pig primary vestibular afferents to high frequency (>250 Hz) sound and vibration. 2019 , 373, 59-70	28
409	Assessing the Impact of Single-Cell Stimulation on Local Networks in Rat Barrel Cortex-A Feasibility Study. 2019 , 20,	O
408	Method for labeling and reconstruction of single neurons using Sindbis virus vectors. 2019 , 100, 101648	1
407	Processing of Paired Click-Tone Stimulation in the Mice Inferior Colliculus. 2019 , 10, 195	3
406	Ripple-related firing of identified deep CA1 pyramidal cells in chronic temporal lobe epilepsy in mice. 2019 , 4, 254-263	4
405	Burst Firing and Spatial Coding in Subicular Principal Cells. 2019 , 39, 3651-3662	21
404	Opposite responses to aversive stimuli in lateral habenula neurons. 2019 , 50, 2921-2930	14
403	GABAergic Medial Septal Neurons with Low-Rhythmic Firing Innervating the Dentate Gyrus and Hippocampal Area CA3. 2019 , 39, 4527-4549	14
402	Brain-State-Dependent Modulation of Neuronal Firing and Membrane Potential Dynamics in the Somatosensory Thalamus during Natural Sleep. 2019 , 26, 1443-1457.e5	12

401	Estrus-Cycle Regulation of Cortical Inhibition. 2019 , 29, 605-615.e6	31
400	An update of STR mutation rates from paternity tests analyzed in a 14 year period (2005 2 018) at IdentiGEN lab, Universidad de Antioquia, Colombia. 2019 , 7, 530-531	2
399	Activation of Corticothalamic Layer 6 Cells Decreases Angular Tuning in Mouse Barrel Cortex. 2019 , 13, 67	2
398	Activation of the rat hypothalamic supramammillary nucleus by food anticipation, food restriction or ghrelin administration. 2019 , 31, e12676	12
397	Functional Brain Connectivity Revealed by Sparse Coding of Large-Scale Local Field Potential Dynamics. 2019 , 32, 255-270	3
396	Self-reinforcing effects of mTOR hyperactive neurons on dendritic growth. 2019 , 311, 125-134	12
395	Operant conditioning paradigm for juxtacellular recordings in functionally identified cortical neurons during motor execution in head-fixed rats. <i>Journal of Neuroscience Methods</i> , 2020 , 329, 108454 ³	0
394	Parkinson's disease uncovers an underlying sensitivity of subthalamic nucleus neurons to beta-frequency cortical input in vivo. 2020 , 146, 105119	3
393	Contributors. 2020 , xiii	
392	Editorial Board. 2020 , 25, 101171	
392 391	Editorial Board. 2020 , 25, 101171 Spontaneous Pneumomediastinum in Dermatomyositis. 2020 , 56, 668	1
		1
391	Spontaneous Pneumomediastinum in Dermatomyositis. 2020 , 56, 668	1
391	Spontaneous Pneumomediastinum in Dermatomyositis. 2020, 56, 668 P.203 The immunomodulatory effects of clozapine. 2020, 40, S117-S118 P.593 Association between affective temperaments and mood features in bipolar disorder II: the	1
391 390 389	Spontaneous Pneumomediastinum in Dermatomyositis. 2020, 56, 668 P.203 The immunomodulatory effects of clozapine. 2020, 40, S117-S118 P.593 Association between affective temperaments and mood features in bipolar disorder II: the role of insomnia and chronobiological rhythms desynchronization. 2020, 40, S336-S337 Omissions of Care in Nursing Homes: A Uniform Definition for Research and Quality Improvement.	
391 390 389 388	Spontaneous Pneumomediastinum in Dermatomyositis. 2020, 56, 668 P.203 The immunomodulatory effects of clozapine. 2020, 40, S117-S118 P.593 Association between affective temperaments and mood features in bipolar disorder II: the role of insomnia and chronobiological rhythms desynchronization. 2020, 40, S336-S337 Omissions of Care in Nursing Homes: A Uniform Definition for Research and Quality Improvement. 2020, 21, 1587-1591.e2 Bude des formes r* fractaires au traitement dinduction au cours des vascularites associ* es aux	
391 390 389 388 387	Spontaneous Pneumomediastinum in Dermatomyositis. 2020, 56, 668 P.203 The immunomodulatory effects of clozapine. 2020, 40, S117-S118 P.593 Association between affective temperaments and mood features in bipolar disorder II: the role of insomnia and chronobiological rhythms desynchronization. 2020, 40, S336-S337 Omissions of Care in Nursing Homes: A Uniform Definition for Research and Quality Improvement. 2020, 21, 1587-1591.e2 Ēude des formes r' fractaires au traitement dihduction au cours des vascularites associ' es aux ANCA. 2020, 41, A4-A5 Les Immunoglobulines A dominent la r' ponse anticorps neutralisante pr' coce anti-SARS-CoV-2.	

383	Information for Readers. 2020, 66, 101072	
382	61P Immune check point inhibitors (ICIs) in cancer therapy: An experience from a resource poor and developing country. 2020 , 31, S1440	
381	Physical Therapists (Role in Health and Wellness Promotion for People with Musculoskeletal Conditions: A Qualitative Study. 2020 , 101, e148	
380	Effects of fabrication processes and tape thickness on tensile properties of chopped carbon fiber tape reinforced thermoplastics. 2020 , 22, 100434	1
379	Surgical approach for duodenal diverticulum perforation: A case report. 2020 , 76, 217-220	1
378	Lightweight and host-based denial of service (DoS) detection and defense mechanism for resource-constrained IoT devices. 2020 , 12, 100319	5
377	Raman and optical microscopy of bone micro-residues on cobbles from the Cerutti mastodon site. 2020 , 34, 102656	2
376	Holocene paleoenvironmental changes in mud area southwest off Cheju Island, East China Sea: Evidence from benthic foraminiferal assemblages and stable isotope records. 2020 , 429, 106319	2
375	[Hypertension due to liquorice: A case report]. 2020 , 46, e53-e55	
374	Letter to the Editor Regarding "First Report of Traumatic Brain Injury in Luanda, Angola". 2020 , 144, 333	
373	Graphical abstract TOC. 2020 , 76, 131780	
372	Psychometric properties of the Persian language person-centered climate questionnaire - Patient version (PCQ-P). 2020 , 6, e05154	O
371	Left Main Trunk Occlusion Caused by In-Stent Neointimal Dissection. 2020 , 13, e175-e176	1
370	Synthesis, characterization and antibacterial activity of metalloporphyrins: Role of central metal ion. 2020 , 2, 100073	6
369	A case of Pearsonema eggs in the urine sediment of a cat in Trinidad. 2020 , 22, 100491	Ο
368	Colonic mucinous adenocarcinoma with secondary in the breast: A case report and literature review. 2020 , 76, 364-371	
367	On the soldering techniques of gold objects from the Boma site, Xinjiang, China. 2020 , 33, 102572	

(2020-2020)

365	Classification of breast ultrasound with human-rating BI-RADS scores using mined diagnostic patterns and optimized neuro-network. 2020 , 417, 536-542	2
364	Evidence of complement dysregulation in outer retina of Stargardt disease donor eyes. 2020 , 37, 101787	2
363	Lanxess launches bio-based prepolymer line. 2020 , 64, 301	
362	A comprehensive review of energy sources for unmanned aerial vehicles, their shortfalls and opportunities for improvements. 2020 , 6, e05285	14
361	Fournier gangrene by perianal abscess. 2020 , 40, 334-338	
360	Mitochondrial Oxidative Stress Induces Rapid Intermembrane Space/Matrix Translocation of Apurinic/Apyrimidinic Endonuclease 1 Protein through TIM23 Complex. 2020 , 432, 166713	5
359	Editorial Board. 2020 , 53, 100947	
358	Hereditary methaemoglobinemia caused by haemoglobin M Boston. 2020 , 7, e912	
357	The connection of mitochondrial genome mutations with atherosclerosis. 2020 , 315, e112-e113	
356	Influence of NMDA-receptors antagonist on pancreatic beta-cells apoptosis markers in normoglycemic rats. 2020 , 315, e199	
355	Non-surgical techniques for facial rejuvenation. 2020 , 58, e139	
354	Thyroid surgery by maxillofacial surgeons. 2020 , 58, e191	
353	Requisite Chromatin Remodeling for Myeloid and Erythroid Lineage Differentiation from Erythromyeloid Progenitors. 2020 , 33, 108395	1
352	Multi-objective scheduling in labor-intensive manufacturing systems. 2020 , 57, 469-483	1
351	Ataxia Telangiectasia Mutated and its value as a predictive biomarker of response to AZD6738 therapy in pancreatic cancer. 2020 , 20, e7	
350	Symposium 6: Never as good as the first time? On the repeated administration of the TSST. 2020 , 119, 105016	
349	Follow-up in the field of reproductive medicine: an ethical exploration. 2020, 41, 1144-1150	О
348	Diffuse Alveolar Haemorrhage in Systemic Lupus Erythematosus Patients. 2020 , 18, 84-84	

347	Harmful marketing to children. 2020 , 396, 1734-1735	1
346	Editorial Board. 2020 , 52, i-ii	
345	WNT5A promotes endosomal cholesterol trafficking to the er and protects against atherosclerosis. 2020 , 315, e20	
344	Estimation of 2D distributions of electron density and temperature in the JET divertor from tomographic reconstructions of deuterium Balmer line emission. 2020 , 25, 100831	3
343	Introductions to the Community: Early-Career Researchers in the Time of COVID-19. 2020 , 27, 853-855	
342	When periphery matters: Enhanced reactivity of 8-oxa-1,4-dithiaspiro[4.5]decane-7,9-dione and 9-oxa-1,5-dithiaspiro[5.5]undecane-8,10-dione in the Castagnoli-Cushman reaction with imines. 2020 , 61, 152658	1
341	TOC. 2020 , 38, A3-A7	
340	D` veloppement et validation dun modle de co-culture in vitro de k` ratinocytes et de neurones sensoriels diff` renci` s ^partir de cellules souches pour l'I tude de lImplication du virus Zika dans le prurit et lInflammation neuroglie cutan` e. 2020 , 147, A242-A243	
339	DNA damaging agents in ovarian cancer. 2020 , 15, 67-72	1
338	Associations of Residential Greenness with Depression and Anxiety in Rural Chinese Adults. 2020 , 1, 100054	9
337	16958 Frequent symptomatic and emotional struggles impact all aspects of quality of life in patients with psoriasis: A qualitative study. 2020 , 83, AB189	
336	17958 The quantification and measurement of nasal hairs in a cadaveric population. 2020 , 83, AB203	
335	Profile and correlates of injecting-related injuries and diseases among people who inject drugs in Australia. 2020 , 216, 108267	5
334	Temporal changes of a food web structure driven by different primary producers in a subtropical eutrophic lagoon. 2020 , 161, 105128	2
333	Contents. 2020 , 49, 101958	
332	Functional, Morphological, and Evolutionary Characterization of Hearing in Subterranean, Eusocial African Mole-Rats. 2020 , 30, 4329-4341.e4	8
331	Fabrication of a CAD-CAM custom healing abutment guided by a conventional dental radiograph for delayed loaded dental implants: A dental technique. 2020 ,	0
330	Reforming of toluene as a tar model compound over straw char containing fly ash. 2020 , 141, 105657	6

329 Off to the Races: Investigating Translational Control of Antioxidant mRNAs. **2020**, 159, S17

328	Long Non-coding RNA MALAT1 and the Antioxidant Defense System in Diabetic Retinopathy. 2020 , 159, S118-S119	
327	Analysis and evaluation of the joint examination by the Rheumatology Group of the National University of Colombia. 2020 , 27, 147-148	
326	A dual role for Bynuclein in facilitation and depression of dopamine release from substantia nigra neurons in vivo. 2020 , 117, 32701-32710	11
325	Determinants of adolescents high-risk sexual behavior in SMK 8 and MegaRezky Health Vocational School Makassar. 2020 , 30, 273-277	O
324	Molecular typing of drug-resistant Mycobacterium tuberculosis strains from Turkey. 2020 , 23, 130-134	3
323	High resolution structural refinement and band gap characterization of the defect chalcopyrites CuIn5Te8, AgIn5Te8 and AuIn5Te8. 2020 , 292, 121752	
322	REducing Delay through edUcation on eXacerbations (REDUX) in patients with COPD: a pilot study. 2020 , 3, 63-68	0
321	A randomized controlled trial comparing the efficacies of ketorolac and parecoxib for early pain management after total knee arthroplasty. 2020 , 27, 1708-1714	3
320	Open-source automated centrifugal pump test rig 2020 , 8, e00140	1
319	INCIDENCE AND PREDICTORS OF ADVERSE EVENTS AMONG INITIALLY STABLE ST-ELEVATION MYOCARDIAL INFARCTION PATIENTS FOLLOWING PRIMARY PERCUTANEOUS CORONARY INTERVENTION: IMPLICATIONS FOR CRITICAL CARE RESOURCE UTILIZATION. 2020 , 36, S11-S12	
318	Positive histologic margins is a risk factor of recurrence after ileocaecal resection in Crohn's disease. 2021 , 45, 101569	1
317	Low-cost contactless monitoring of aseptic package integrity and content quality using capacitance. 2020 , 26, 100598	О
316	Isolated cerebral mucormycosis associated with intravenous drug use. 2020 , 30, 101046	1
315	Effect of variable drill pipe sizes on casing wear collapse strength. 2020 , 195, 107856	1
314	Editorial Board. 2020 , 308, 106610	
313	Narratives of home and neighbourhood within state-subsidised aged housing in Durban, South Africa. 2020 , 54, 100864	2
312	Study on warm formability of aluminum alloy 2219 in hemispherical part conventional spinning. 2020 , 50, 45-50	

 $_{311}$ Lanxess feels effect of global economic slump but Eemains robust [12020, 2020, 8-9]

310	Contents. 2020 , 106, v-vi	
309	An agent-based simulation of occupancy schedule in office buildings. 2020 , 186, 107352	7
308	Research on Degree of Freedom of Secondary Mirror Truss Mechanism Based on Screw Theory and Geometry Algebra Applied on Large Telescopes. 2020 , 224, 165474	
307	Hyperplasie angiolymphode avec *osinophilie : ^propos dune observation. 2020, 41, A133-A134	
306	Enhanced Sensory Coding in Mouse Vibrissal and Visual Cortex through TRPA1. 2020 , 32, 107935	3
305	Layer 4 organization and respiration locking in the rodent nose somatosensory cortex. 2020 , 124, 822-832	1
304	Farmland fragmentation and defragmentation nexus: Scoping the causes, impacts, and the conditions determining its management decisions. 2020 , 119, 106828	15
303	Effect of moringa oleifera cookies to improve quality of breastmilk. 2020 , 30, 99-103	1
302	Hebeloma psammophilum from North Wales - new to Britain. 2020 , 21, 135-137	
301	Is Arthroscopic Surgery Useful in Management of Prosthetic Temporomandibular Joint Failure? A Follow-Up Case Series. 2020 , 78, e37-e38	
300	Featured Articles. 2020 , 256, iii	
299	SOX2-mediated 5hmC dysregulation in GBM Stem Cells. 2020 , 138, S33-S34	
298	Table of Contents. 2020 , 23, i-iii	
297	Feasibility of Recruiting Adults with Traumatic Brain Injury for an Aerobic Exercise Intervention Study. 2020 , 101, e33-e34	
296	Predicting the Handgrip Strength across the Age Span: Validating Reference Equations from the 2011 NIH Toolbox Norming Study. 2020 , 101, e57	О
295	Trajectory of Perceived Stress in Stroke Survivors with Aphasia. 2020 , 101, e69-e70	
294	Perceived Usability and Acceptability of a Soft Robotic Glove for Rehabilitation of Adults With Hand Hemiparesis: A Mixed-Method Study Among Occupational Therapists in Stroke Rehabilitation. 2020 , 101, e101	O

(2020-2020)

The Effectiveness of Brain-Computer Interface-Based Electromagnetic Field Treatment in Persons with SCI. **2020**, 101, e106

292	Emerging Pandemic Diseases: How We Got to COVID-19. 2020 , 183, 837	24
291	CLICK-ID: A novel dataset for Indonesian clickbait headlines. 2020 , 32, 106231	1
290	Sanitation of Ro-Ro vessel at the port of ferry branch Merak Banten Indonesia. 2020 , 30, 213-215	O
289	6 - Variation in Patient-Described Barriers and Facilitators to Diabetes Self-Management by Glycemic Control and Individual-Level Characteristics. 2020 , 44, S3	
288	76 - Antiapoptotic Bcl-xL Preserves the Transcriptional, Morphological and Functional Integrity of I-Cell Mitochondria During Chronic Glucose Excess. 2020 , 44, S31	
287	Numerical Study of Seismic Behavior of Light-Gauge Cold-Formed Steel Stud Walls. 2020, 174, 106307	4
286	A novel flexible Ag/AgCl quasi-reference electrode based on silver nanowires toward ultracomfortable electrophysiology and sensitive electrochemical glucose detection. 2020 , 9, 13425-13433	4
285	From the IASLC Tobacco Control Committee. 2020 , 15, 1697-1699	
284	Recurrent pattern of picophytoplankton dynamics in estuaries around the world: The case of Rö de la Plata. 2020 , 161, 105136	2
283	How to pass the national selection interview. 2020 , 38, 591-595	
282	Pulsed THz imaging for thickness characterization of plastic sheets. 2020 , 116, 102338	10
281	Corrigendum to "The p53-inducible CLDN7 regulates colorectal tumorigenesis and has prognostic significance" [Neoplasia 22 (2020) 590-603]. 2020 , 22, 661-662	
280	Generation of genomic-integration-free human induced pluripotent stem cells and the derived cardiomyocytes of X-linked dilated cardiomyopathy from DMD gene mutation. 2020 , 49, 102040	O
279	Rapid and ultrasensitive detection of Salmonella typhimurium using a novel impedance biosensor based on SiO2@MnO2 nanocomposites and interdigitated array microelectrodes. 2020 , 324, 128654	5
278	Using mouse genetics to investigate supraspinal pathways of the brain important to locomotion. 2020 , 269-313	O
277	Hierarchical Clustering of Neuronal Populations in the Rat Ventral Tegmental Area Based on Extracellular Electrophysiological Properties. 2020 , 14, 51	1
276	Les dimensions incarn [*] e et interpersonnelle de la compassion. 2020 ,	4

275	Du parricide rul îlînfanticide r el, ou lexpertise mentale dans tous ses tats. 2020 , 178, 760-767	
274	Development of a PCR-RFLP method for detection of D614G mutation in SARS-CoV-2. 2020 , 86, 104625	4
273	Development and Optimization of a Hydrophobic Interaction Chromatography-Based Method of AAV Harvest, Capture, and Recovery. 2020 , 19, 275-284	4
272	Considerations on water quality and the use of chlorine in times of SARS-CoV-2 (COVID-19) pandemic in the community. 2020 , 2, 100049	25
271	Nutritional assessment in hospitalised children with cystic fibrosis. 2020 , 40, 452-453	
270	GDF-15, FGF-21 and myomirs in patients with gastrointestinal cancer. 2020 , 40, 463	
269	Nutritional profile and digestive symptoms of Covid-19 patients in a private hospital in Brazil. 2020 , 40, 494	78
268	Influence of a diet based on different bread types on the intestinal barrier and inflammatory mechanisms in a mouse model of IBD. 2020 , 40, 526	
267	Development and alpha-testing of a decision aid about enteral feeding in children. 2020, 40, 574-575	
266	Intake of foods is worse in the patients with dementia with lewy bodies than alzheimer⊠ disease. 2020 , 40, 585-586	1
265	Correlation between kidney function and muscle wasting in hospitalized patients. 2020, 40, 612	
264	Microstructure and thermo-physical properties of Cu Ti double-layer coated diamond/Cu composites fabricated by spark plasma sintering. 2020 , 109, 108041	2
263	Practice of spinal anesthesia among anesthetists in the operation room of referral hospital: Cross-sectional study. 2020 , 27, 145-148	1
262	Editorial Board. 2020 , 166, 109500	
261	Identification of microRNA-target genes in mice hippocampus at 1 week after pilocarpine-induced status epilepticus. 2020 , 531, 275-281	1
260	Data-Driven Polymer Model for Mechanistic Exploration of Diploid Genome Organization. 2020 , 119, 1905-1916	19
259	Macrophage responses associated with COVID-19: A pharmacological perspective. 2020 , 887, 173547	16
258	Fingerprint liveness detection through fusion of pores perspiration and texture features. 2020 ,	1

(2020-2020)

257	Post-concussive symptom endorsement and symptom attribution following remote mild traumatic brain injury in combat-exposed Veterans: An exploratory study. 2020 , 130, 224-230	3
256	An optimized approach using cryofixation for high-resolution 3D analysis by FIB-SEM. 2020 , 212, 107600	3
255	Diagnostic and treatment delay in primary hyperparathyroidism. A pending issue. 2020 , 67, 357-363	
254	3D numerical study on syngas production in a structured packed bed with connected pellets. 2020 , 45, 32579-32588	4
253	Contributors. 2020 , 71, vii	
252	P-360 EGFR-inhibitors in metastatic wild-type RAS colorectal cancer: Experience of the oncology department of Mohammed VI University Hospital in Marrakech. 2020 , 31, S206	
251	Corrigendum to "Brain targeted PLGA nanocarriers alleviating amyloid-lexpression and preserving basal survivin in degenerating mice model" [Biochim. et Biophys. Acta (BBA) - Mol. Basis Dis. 1852 (11) (November 2015) 2423-2431]. 2020 , 1866, 165902	
250	General Information. 2020 , 95, A18	
249	TOC. 2020 , 43, A1	
248	Table of Contents. 2020 , 36, A3-A7	
248 247	Table of Contents. 2020, 36, A3-A7 Transmucosal drug administration as an alternative route in palliative and end-of-life care during the COVID-19 pandemic. 2020, 160, 234-243	10
·	Transmucosal drug administration as an alternative route in palliative and end-of-life care during	10
247	Transmucosal drug administration as an alternative route in palliative and end-of-life care during the COVID-19 pandemic. 2020 , 160, 234-243 108 A Randomized, Placebo-Controlled Study of Metoclopramide + Diphenhydramine for Acute	10
247	Transmucosal drug administration as an alternative route in palliative and end-of-life care during the COVID-19 pandemic. 2020 , 160, 234-243 108 A Randomized, Placebo-Controlled Study of Metoclopramide + Diphenhydramine for Acute Post-Traumatic Headache. 2020 , 76, S42 158 Emergency Department Patients Presenting With Spontaneous Pneumomediastinum: A	10
247 246 245	Transmucosal drug administration as an alternative route in palliative and end-of-life care during the COVID-19 pandemic. 2020, 160, 234-243 108 A Randomized, Placebo-Controlled Study of Metoclopramide + Diphenhydramine for Acute Post-Traumatic Headache. 2020, 76, S42 158 Emergency Department Patients Presenting With Spontaneous Pneumomediastinum: A Retrospective Observational Cohort Study. 2020, 76, S61-S62 Potential predictive value of SCN4A mutation status for immune checkpoint inhibitors in	
247 246 245	Transmucosal drug administration as an alternative route in palliative and end-of-life care during the COVID-19 pandemic. 2020, 160, 234-243 108 A Randomized, Placebo-Controlled Study of Metoclopramide + Diphenhydramine for Acute Post-Traumatic Headache. 2020, 76, S42 158 Emergency Department Patients Presenting With Spontaneous Pneumomediastinum: A Retrospective Observational Cohort Study. 2020, 76, S61-S62 Potential predictive value of SCN4A mutation status for immune checkpoint inhibitors in melanoma. 2020, 131, 110633 Hematology profile in severe preeclampsia at the mother and child hospital of Makassar city. 2020,	
247 246 245 244 243	Transmucosal drug administration as an alternative route in palliative and end-of-life care during the COVID-19 pandemic. 2020, 160, 234-243 108 A Randomized, Placebo-Controlled Study of Metoclopramide + Diphenhydramine for Acute Post-Traumatic Headache. 2020, 76, S42 158 Emergency Department Patients Presenting With Spontaneous Pneumomediastinum: A Retrospective Observational Cohort Study. 2020, 76, S61-S62 Potential predictive value of SCN4A mutation status for immune checkpoint inhibitors in melanoma. 2020, 131, 110633 Hematology profile in severe preeclampsia at the mother and child hospital of Makassar city. 2020, 30, 630-633	

237 Utilization of mechanistic modelling and simulation to analyze fenspiride proarrhythmic protencyble of physiological and other non-drug related parameters. 2020, 105, 106816 236 Prognostic value of supar and hs-crp on postoperative mortality following on-pump cardiac surgety. 2020, 34, 551-552 235 CACNA1C polymorphism and brain cortical structure in bipolar disorder. 2019, 45, 182-187 236 Translation and validation of the drooling impact scale questionnaire into Brazilian Portuguese. 237 Translation and validation of the drooling impact scale questionnaire into Brazilian Portuguese. 238 A 27-Year-Old Woman With Postpartum Papillary Muscle Rupture. 2020, 2, 2191-2195 239 COVARISQ (estimation de la COuverture VAccinale des adultes "RISQues): taux de vaccination des immunod" prim" s en France en 2017. 2020, 50, 5178 230 Sigren secundario: reporte de caso y revisifi de la literatura. 2020, 27, 152-157 239 Ca imaging of neurons in freely moving rats with automatic post hoc histological identification. 230 Journal of Neuroscience Methods, 2020, 341, 108765 231 The lateral septum mediates kinship behavior in the rat. 2020, 11, 3161 232 A single psychotomimetic dose of ketamine decreases thalamocortical spindles and delta oscillations in the sedated rat. 2020, 222, 362-374 233 Structural Correlates of CA2 and CA3 Pyramidal Cell Activity in Freely-Moving Mice. 2020, 40, 5797-5806 234 Structural Correlates of CA2 and CA3 Pyramidal Cell Activity in Freely-Moving Mice. 2020, 40, 5797-5806 235 OPETH: Open Source Solution for Real-Time Peri-Event Time Histogram Based on Open Ephys. 236 Structural Correlates of CABA Pantomesencephalic Neurons in Cortical Activity and Sleep-Wake States Examined by Optogenetics and Justicellular Recordings in Mice. 2020, 40, 5797-5999 247 Supartic organisation and behaviour-dependent activity of mGluRBa-innervated GABAergic trilaminar cells projecting from the hippocampus to the subiculum. 2020, 225, 705-734	239	D` pistage des tumeurs de vessie par dosage urinaire du biomarqueur TERT chez des patients suivis pour une hyperactivit` de vessie dBrigine fonctionnelle ou neurologique. 2020 , 30, 803-804	
potencyfible of physiological and other non-drug related parameters. 2020, 105, 106816 236 Prognostic value of supar and hs-crp on postoperative mortality following on-pump cardiac surgery. 2020, 34, SS1-SS2 235 CACNA1C polymorphism and brain cortical structure in bipolar disorder. 2019, 45, 182-187 236 Translation and validation of the drooling impact scale questionnaire into Brazilian Portuguese. 237 Socioeconomic and ecological direct and spillover effects of China's giant panda nature reserves. 238 Socioeconomic and ecological direct and spillover effects of China's giant panda nature reserves. 239 A 27-Year-Old Woman With Postpartum Papillary Muscle Rupture. 2020, 2, 2191-2195 230 COVARISQ (estimation de la COuverture VAccinale des adultes 'RISQues): taux de vaccination des immunod' prim' s en France en 2017. 2020, 50, S178 230 Neumonii intersticial linfocfica en una paciente con lupus eritematoso sist' mico y sindrome de Sigren secundario: reporte de caso y revisin de la literatura. 2020, 27, 152-157 2229 Ca imaging of neurons in freely moving rats with automatic post hoc histological identification. 223 A single psychotomimetic dose of ketamine decreases thalamocortical spindles and delta 224 Ostructural Correlates of CA2 and CA3 Pyramidal Cell Activity in Freely-Moving Mice. 2020, 40, 5797-5806 225 Structural Correlates of CA2 and CA3 Pyramidal Cell Activity in Freely-Moving Mice. 2020, 40, 5797-5806 226 Structural Correlates of CABA Pontomesencephalic Neurons in Cortical Activity and Sleep-Wake states Examined by Optogenetics and Juxtacellular Recordings in Mice. 2020, 40, 5970-5989 226 Synaptic organisation and behaviour-dependent activity of mGluR8a-innervated GABAergic trilaminar cells projecting from the hippocampus to the subiculum. 2020, 225, 705-734	238	Sedative effects of alfaxalone and hydromorphone with or without midazolam in cats. 2020 , 47, 855.e12	
235 CACNA1C polymorphism and brain cortical structure in bipolar disorder. 2019, 45, 182-187 236 Translation and validation of the drooling impact scale questionnaire into Brazilian Portuguese. 237 2020, 121, 102313 238 A 27-Year-Old Woman With Postpartum Papillary Muscle Rupture. 2020, 2, 2191-2195 239 COVARISQ (estimation de la COuverture VAccinale des adultes "RISQues): taux de vaccination des immunod" prim" s en France en 2017. 2020, 50, S178 230 Neumonā intersticial linfocūca en una paciente con lupus eritematoso sist" mico y sūdrome de Sigren secundario: reporte de caso y revisifi de la literatura. 2020, 27, 152-157 229 Ca imaging of neurons in freely moving rats with automatic post hoc histological identification. 229 Journal of Neuroscience Methods, 2020, 341, 108765 229 The lateral septum mediates kinship behavior in the rat. 2020, 11, 3161 220 A single psychotomimetic dose of ketamine decreases thalamocortical spindles and delta oscillations in the sedated rat. 2020, 222, 362-374 220 Structural Correlates of CA2 and CA3 Pyramidal Cell Activity in Freely-Moving Mice. 2020, 40, 5797-5806 221 Structural Correlates of GABA Pontomesencephalic Neurons in Cortical Activity and Sleep-Wake States Examined by Optogenetics and Juxtacellular Recordings in Mice. 2020, 40, 5970-5989 222 Synaptic organisation and behaviour-dependent activity of mGluR8a-innervated GABAergic trilaminar cells projecting from the hippocampus to the subiculum. 2020, 225, 705-734	237		
Translation and validation of the drooling impact scale questionnaire into Brazilian Portuguese. 2020, Socioeconomic and ecological direct and spillover effects of China's giant panda nature reserves. 2020, 121, 102313 4 232 A 27-Year-Old Woman With Postpartum Papillary Muscle Rupture. 2020, 2, 2191-2195 OCOVARISQ (estimation de la COuverture VAccinale des adultes "RISQues): taux de vaccination des immunod' prim' s en France en 2017. 2020, 50, S178 Reumonß Intersticial linfoctica en una paciente con lupus eritematoso sist' mico y stidrome de Sigiren secundario: reporte de caso y revisiñ de la literatura. 2020, 27, 152-157 229 Ca imaging of neurons in freely moving rats with automatic post hoc histological identification. Journal of Neuroscience Methods, 2020, 341, 108765 3 4 228 The lateral septum mediates kinship behavior in the rat. 2020, 11, 3161 12 227 A single psychotomimetic dose of ketamine decreases thalamocortical spindles and delta oscillations in the sedated rat. 2020, 222, 362-374 226 Structural Correlates of CA2 and CA3 Pyramidal Cell Activity in Freely-Moving Mice. 2020, 40, 5797-5806 8 225 OPETH: Open Source Solution for Real-Time Peri-Event Time Histogram Based on Open Ephys. 2020, 14, 21 227 Discharge and Role of GABA Pontomesencephalic Neurons in Cortical Activity and Sleep-Wake States Examined by Optogenetics and Juxtacellular Recordings in Mice. 2020, 40, 5970-5989 1 228 Synaptic organisation and behaviour-dependent activity of mGluR8a-innervated GABAergic trilaminar cells projecting from the hippocampus to the subiculum. 2020, 225, 705-734 5	236		
Socioeconomic and ecological direct and spillover effects of China's giant panda nature reserves. A 27-Year-Old Woman With Postpartum Papillary Muscle Rupture. 2020, 2, 2191-2195 COVARISQ (estimation de la COuverture VAccinale des adultes "RISQues): taux de vaccination des immunod" prim" s en France en 2017. 2020, 50, S178 Neumonā intersticial linfoctīca en una paciente con lupus eritematoso sist" mico y sāldrome de Sjūren secundario: reporte de caso y revisiā de la literatura. 2020, 27, 152-157 Ca imaging of neurons in freely moving rats with automatic post hoc histological identification. Journal of Neuroscience Methods, 2020, 341, 108765 The lateral septum mediates kinship behavior in the rat. 2020, 11, 3161 12 237 A single psychotomimetic dose of ketamine decreases thalamocortical spindles and delta oscillations in the sedated rat. 2020, 222, 362-374 248 Structural Correlates of CA2 and CA3 Pyramidal Cell Activity in Freely-Moving Mice. 2020, 40, 5797-5806 Structural Correlates of CA2 and CA3 Pyramidal Cell Activity in Freely-Moving Mice. 2020, 40, 5797-5806 259 OPETH: Open Source Solution for Real-Time Peri-Event Time Histogram Based on Open Ephys. 2020, 14, 21 220 Discharge and Role of GABA Pontomesencephalic Neurons in Cortical Activity and Sleep-Wake States Examined by Optogenetics and Juxtacellular Recordings in Mice. 2020, 40, 5970-5989 1 Synaptic organisation and behaviour-dependent activity of mGluR8a-innervated GABAergic trilaminar cells projecting from the hippocampus to the subiculum. 2020, 225, 705-734 5 Synaptic organisation and behaviour-dependent activity of mGluR8a-innervated GABAergic trilaminar cells projecting from the hippocampus to the subiculum. 2020, 225, 705-734	235	CACNA1C polymorphism and brain cortical structure in bipolar disorder. 2019 , 45, 182-187	5
232 A 27-Year-Old Woman With Postpartum Papillary Muscle Rupture. 2020, 2, 2191-2195 o 234 COVARISQ (estimation de la COuverture VAccinale des adultes 'RISQues): taux de vaccination des immunod' prim' s en France en 2017. 2020, 50, S178 235 Neumonß intersticial linfoctica en una paciente con lupus eritematoso sist' mico y stidrome de Sj\(\frac{1}{2}\) gren secundario: reporte de caso y revisifi de la literatura. 2020, 27, 152-157 236 Ca imaging of neurons in freely moving rats with automatic post hoc histological identification. Journal of Neuroscience Methods, 2020, 341, 108765 237 The lateral septum mediates kinship behavior in the rat. 2020, 11, 3161 238 The lateral septum mediates kinship behavior in the rat. 2020, 11, 3161 240 A single psychotomimetic dose of ketamine decreases thalamocortical spindles and delta oscillations in the sedated rat. 2020, 222, 362-374 250 Structural Correlates of CA2 and CA3 Pyramidal Cell Activity in Freely-Moving Mice. 2020, 40, 5797-5806 260 OPETH: Open Source Solution for Real-Time Peri-Event Time Histogram Based on Open Ephys. 2020, 14, 21 271 Discharge and Role of GABA Pontomesencephalic Neurons in Cortical Activity and Sleep-Wake States Examined by Optogenetics and Juxtacellular Recordings in Mice. 2020, 40, 5970-5989 272 Synaptic organisation and behaviour-dependent activity of mGluR8a-innervated GABAergic trilaminar cells projecting from the hippocampus to the subiculum. 2020, 225, 705-734	234		1
COVARISQ (estimation de la COuverture VAccinale des adultes 'RISQues): taux de vaccination des immunod' prim' s en France en 2017. 2020, 50, S178 Neumonā intersticial linfoctīca en una paciente con lupus eritematoso sist' mico y sāidrome de Sigren secundario: reporte de caso y revisiā de la literatura. 2020, 27, 152-157 229 Ca imaging of neurons in freely moving rats with automatic post hoc histological identification. 3 4 228 The lateral septum mediates kinship behavior in the rat. 2020, 11, 3161 227 A single psychotomimetic dose of ketamine decreases thalamocortical spindles and delta oscillations in the sedated rat. 2020, 222, 362-374 238 Structural Correlates of CA2 and CA3 Pyramidal Cell Activity in Freely-Moving Mice. 2020, 40, 5797-5806 249 DOPETH: Open Source Solution for Real-Time Peri-Event Time Histogram Based on Open Ephys. 250 2020, 14, 21 260 DOPETH: Open Source Solution for Real-Time Peri-Event Time Histogram Based on Open Ephys. 261 262 Structural Correlates of CABA Pontomesencephalic Neurons in Cortical Activity and Sleep-Wake States Examined by Optogenetics and Juxtacellular Recordings in Mice. 2020, 40, 5970-5989 270 271 272 Synaptic organisation and behaviour-dependent activity of mGluR8a-innervated CABAergic trilaminar cells projecting from the hippocampus to the subiculum. 2020, 225, 705-734	233		4
immunod* prim* s en France en 2017. 2020, 50, S178 Neumonii intersticial linfoctica en una paciente con lupus eritematoso sist* mico y siidrome de Sjijren secundario: reporte de caso y revisifi de la literatura. 2020, 27, 152-157 Ca imaging of neurons in freely moving rats with automatic post hoc histological identification. Journal of Neuroscience Methods, 2020, 341, 108765 The lateral septum mediates kinship behavior in the rat. 2020, 11, 3161 12 23 A single psychotomimetic dose of ketamine decreases thalamocortical spindles and delta oscillations in the sedated rat. 2020, 222, 362-374 5 Structural Correlates of CA2 and CA3 Pyramidal Cell Activity in Freely-Moving Mice. 2020, 40, 5797-5806 8 OPETH: Open Source Solution for Real-Time Peri-Event Time Histogram Based on Open Ephys. 2020, 14, 21 Discharge and Role of GABA Pontomesencephalic Neurons in Cortical Activity and Sleep-Wake States Examined by Optogenetics and Juxtacellular Recordings in Mice. 2020, 40, 5970-5989 Synaptic organisation and behaviour-dependent activity of mGluR8a-innervated GABAergic trilaminar cells projecting from the hippocampus to the subiculum. 2020, 225, 705-734 5 1	232	A 27-Year-Old Woman With Postpartum Papillary Muscle Rupture. 2020 , 2, 2191-2195	O
Sj\u00e4ren secundario: reporte de caso y revisi\u00e4 de literatura. 2020, 27, 152-157 229 Ca imaging of neurons in freely moving rats with automatic post hoc histological identification. 3 4 228 The lateral septum mediates kinship behavior in the rat. 2020, 11, 3161 227 A single psychotomimetic dose of ketamine decreases thalamocortical spindles and delta oscillations in the sedated rat. 2020, 222, 362-374 226 Structural Correlates of CA2 and CA3 Pyramidal Cell Activity in Freely-Moving Mice. 2020, 40, 5797-5806 226 OPETH: Open Source Solution for Real-Time Peri-Event Time Histogram Based on Open Ephys. 227 2020, 14, 21 228 Discharge and Role of GABA Pontomesencephalic Neurons in Cortical Activity and Sleep-Wake States Examined by Optogenetics and Juxtacellular Recordings in Mice. 2020, 40, 5970-5989 228 Synaptic organisation and behaviour-dependent activity of mGluR8a-innervated GABAergic trilaminar cells projecting from the hippocampus to the subiculum. 2020, 225, 705-734	231		
Journal of Neuroscience Methods, 2020, 341, 108765 The lateral septum mediates kinship behavior in the rat. 2020, 11, 3161 A single psychotomimetic dose of ketamine decreases thalamocortical spindles and delta oscillations in the sedated rat. 2020, 222, 362-374 Structural Correlates of CA2 and CA3 Pyramidal Cell Activity in Freely-Moving Mice. 2020, 40, 5797-5806 OPETH: Open Source Solution for Real-Time Peri-Event Time Histogram Based on Open Ephys. 2020, 14, 21 Discharge and Role of GABA Pontomesencephalic Neurons in Cortical Activity and Sleep-Wake States Examined by Optogenetics and Juxtacellular Recordings in Mice. 2020, 40, 5970-5989 Synaptic organisation and behaviour-dependent activity of mGluR8a-innervated GABAergic trilaminar cells projecting from the hippocampus to the subiculum. 2020, 225, 705-734 5 1223	230		
A single psychotomimetic dose of ketamine decreases thalamocortical spindles and delta oscillations in the sedated rat. 2020, 222, 362-374 226 Structural Correlates of CA2 and CA3 Pyramidal Cell Activity in Freely-Moving Mice. 2020, 40, 5797-5806 225 OPETH: Open Source Solution for Real-Time Peri-Event Time Histogram Based on Open Ephys. 226 Discharge and Role of GABA Pontomesencephalic Neurons in Cortical Activity and Sleep-Wake States Examined by Optogenetics and Juxtacellular Recordings in Mice. 2020, 40, 5970-5989 227 Synaptic organisation and behaviour-dependent activity of mGluR8a-innervated GABAergic trilaminar cells projecting from the hippocampus to the subiculum. 2020, 225, 705-734	229	, , , , , , , , , , , , , , , , , , ,	4
oscillations in the sedated rat. 2020, 222, 362-374 Structural Correlates of CA2 and CA3 Pyramidal Cell Activity in Freely-Moving Mice. 2020, 40, 5797-5806 OPETH: Open Source Solution for Real-Time Peri-Event Time Histogram Based on Open Ephys. 2020, 14, 21 Discharge and Role of GABA Pontomesencephalic Neurons in Cortical Activity and Sleep-Wake States Examined by Optogenetics and Juxtacellular Recordings in Mice. 2020, 40, 5970-5989 Synaptic organisation and behaviour-dependent activity of mGluR8a-innervated GABAergic trilaminar cells projecting from the hippocampus to the subiculum. 2020, 225, 705-734 5	228	The lateral septum mediates kinship behavior in the rat. 2020 , 11, 3161	12
OPETH: Open Source Solution for Real-Time Peri-Event Time Histogram Based on Open Ephys. 2020, 14, 21 Discharge and Role of GABA Pontomesencephalic Neurons in Cortical Activity and Sleep-Wake States Examined by Optogenetics and Juxtacellular Recordings in Mice. 2020, 40, 5970-5989 Synaptic organisation and behaviour-dependent activity of mGluR8a-innervated GABAergic trilaminar cells projecting from the hippocampus to the subiculum. 2020, 225, 705-734 5	227		5
Discharge and Role of GABA Pontomesencephalic Neurons in Cortical Activity and Sleep-Wake States Examined by Optogenetics and Juxtacellular Recordings in Mice. 2020, 40, 5970-5989 Synaptic organisation and behaviour-dependent activity of mGluR8a-innervated GABAergic trilaminar cells projecting from the hippocampus to the subiculum. 2020, 225, 705-734 5	226	Structural Correlates of CA2 and CA3 Pyramidal Cell Activity in Freely-Moving Mice. 2020 , 40, 5797-5806	8
States Examined by Optogenetics and Juxtacellular Recordings in Mice. 2020, 40, 5970-5989 Synaptic organisation and behaviour-dependent activity of mGluR8a-innervated GABAergic trilaminar cells projecting from the hippocampus to the subiculum. 2020, 225, 705-734 5	225		3
trilaminar cells projecting from the hippocampus to the subiculum. 2020 , 225, 705-734	224		1
	223		5
Neuroanatomical tract-tracing techniques that did go viral. 2020 , 225, 1193-1224 32	222	Neuroanatomical tract-tracing techniques that did go viral. 2020 , 225, 1193-1224	32

221	Unexpected Rule-Changes in a Working Memory Task Shape the Firing of Histologically Identified Delay-Tuned Neurons in the Prefrontal Cortex. 2020 , 30, 1613-1626.e4	4
220	Cross-modal modulation of cell activity by sound in first-order visual thalamic nucleus. 2020 , 528, 1917-1941	2
219	Different coding strategy of sound information between GABAergic and glutamatergic neurons in the auditory midbrain. <i>Journal of Physiology</i> , 2020 , 598, 1039-1072	6
218	Cholinergic midbrain afferents modulate striatal circuits and shape encoding of action strategies. 2020 , 11, 1739	14
217	Passivation potential regulating corrosion resistance and antibacterial property of 316L-Cu stainless steel in different simulated body fluids. 2021 , 36, 118-130	3
216	Observed failures at railway turnouts: Failure analysis, possible causes and links to current and future research. 2021 , 119, 104987	14
215	Human Connection and Technology Connectivity: A Systematic Review of Available Telehealth Survey Instruments. 2021 , 61, 1042-1051.e2	10
214	An alternative ADN based monopropellant mixed with tetraglyme. 2021 , 178, 241-249	2
213	Redistribution of gangliosides accompanies thermally induced Na, K-ATPase activity alternation and submembrane localisation in mouse brain. 2021 , 1863, 183475	1
212	Adapting the algal microbiome for growth on domestic landfill leachate. 2021 , 319, 124246	6
211	Elastic inter-story drift seismic demand estimate of super high-rise buildings using coupled flexural-shear model with mass and stiffness non-uniformities. 2021 , 226, 111378	3
2 10	Analyzing efficiency of optical and THz infrared thermography in nondestructive testing of GFRPs by using the Tanimoto criterion. 2021 , 117, 102383	3
209	Breath-, air- and surface-borne SARS-CoV-2 in hospitals. 2021 , 152, 105693	50
208	Electronic coupling enhanced PtCo/CeO2 hybrids as highly active catalysts for the key dehydrogenation step in conversion of bio-derived polyols. 2021 , 229, 116060	3
207	Surf and turf vision: Patterns and predictors of visual acuity in compound eye evolution. 2021 , 60, 101002	6
206	Multi-hop routing under short contact in delay tolerant networks. 2021 , 165, 1-8	7
205	Barrett's Esophagus: Current Management and New Approaches. 2021 , 31, xiii-xiv	
204	The magnetic and electronic properties of REAgSb2 compounds. 2021 , 519, 167442	1

203	Ramie-glass fiber reinforced epoxy composites: Impact of walnut content on mechanical and sliding wear properties. 2021 , 44, 3984-3989	1
202	1,3-Dioxepine and spiropyran derivatives of viomellein and other dimeric naphthopyranones from cultures of Aspergillus elegans KUFA0015 and their antibacterial activity. 2021 , 181, 112575	5
201	A novel approach based on improved combinatorial geometry (ICG) model for photon transport in Monte Carlo codes. 2021 , 131, 103565	1
200	A semi-empirical model to estimate the apparent viscosity of dense, bubbling gas-solid suspension. 2021 , 377, 289-296	1
199	Damage detection of thick plates using trailing pulses at large frequency-thickness products. 2021 , 174, 107767	1
198	How is flexible electronics advancing neuroscience research?. 2021 , 268, 120559	13
197	Prenatal and early life exposure to particulate matter, environmental tobacco smoke and respiratory symptoms in Mexican children. 2021 , 192, 110365	4
196	Soil organic matter in major pedogenic soil groups. 2021 , 384, 114785	31
195	Comparative chemical profiling and antimicrobial activity of two interchangeably used Imphephol species (Helichrysum odoratissimum and Helichrysum petiolare). 2021 , 137, 117-132	8
194	Leafy season length is reduced by a prolonged soil water deficit but not by repeated defoliation in beech trees (Fagus sylvatica L.): comparison of response among regional populations grown in a common garden. 2021 , 297, 108228	1
193	A decision making approach for assignment of ecosystem services to forest management units: A case study in northwest Turkey. 2021 , 121, 107056	4
192	The effect of Toll-like receptor stimulation on the motility of regulatory T cells. 2021, 116, 102563	1
191	Root-cause analysis for time-series anomalies via spatiotemporal graphical modeling in distributed complex systems. 2021 , 211, 106527	5
190	Citrullination as a novel posttranslational modification of matrix metalloproteinases. 2021 , 95, 68-83	7
189	Progress towards 3D-printing diamond for medical implants: A review. 2021 , 1, 100002	5
188	Social stigmatization in Turkish patients with chronic hepatitis B and C. 2021 , 44, 330-336	O
187	Outsourcing governance in Perull integrated water resources management. 2021 , 101, 105105	8
186	Environmental friendly and robust Mg0.5-xCuxZn0.5Fe2O4 spinel nanoparticles for visible light driven degradation of Carbamazepine: Band shift driven by dopants. 2021 , 284, 129005	12

185	OCT Signal Enhancement with Deep Learning. 2021 , 4, 295-304	3
184	Rapid and highly selective colorimetric detection of nitrite based on the catalytic-enhanced reaction of mimetic Au nanoparticle-CeO nanoparticle-graphene oxide hybrid nanozyme. 2021 , 224, 121875	10
183	Evaporating hydrophilic and superhydrophobic droplets in electric fields. 2021, 164, 120539	8
182	Capilliposide B blocks VEGF-induced angiogenesis in vitro in primary human retinal microvascular endothelial cells. 2021 , 133, 110999	6
181	A novel interaction mechanism in lignin pyrolysis: Phenolics-assisted hydrogen transfer for the decomposition of the I-O-4 linkage. 2021 , 225, 395-405	19
180	A novel design of low-grade waste heat utilization for coal-fired power plants with sulfuric acid recovery. 2021 , 227, 113640	5
179	Mechanism of transition metal cluster catalysts for hydrogen evolution reaction. 2021, 46, 3484-3492	6
178	Dietary Assessment Methodology in Response to September 2020 Issue. 2021 , 121, 213	
177	Bifurcation methods of periodic orbits for piecewise smooth systems. 2021 , 275, 204-233	7
176	Optimization of wind turbine TMD under real wind distribution countering wake effects using GPU acceleration and machine learning technologies. 2021 , 208, 104436	9
175	Bio analytical validation for nadolol and bendroflumethiazide material. 2021 , 46, 503-505	
174	Endoscopic Assisted Lateral Skull Base Surgery. 2021 , 54, 163-173	О
173	Balance del asesoramiento m` dico-legal hospitalario mediante anlisis factorial exploratorio. 2021 , 47, 105-111	
172	Subcutaneous anifrolumab for SLE: a new step forward?. 2021 , 3, e84-e85	
171	Incidence, predictors of bleeding and prognosis of bleeding in anticoagulated nonagenarian patients with atrial fibrillation. 2021 , 327, 217-222	1
170	Geographical traceability of Eucommia ulmoides leaves using attenuated total reflection Fourier transform infrared and ultraviolet-visible spectroscopy combined with chemometrics and data fusion. 2021 , 160, 113090	3
169	Syndrome dapn es obstructives du sommeil chez lanfant gestion p riop ratoire. 2021 , 7, 51-60	
168	Effect of tower elasticity on the performance and fatigue character of monopile support tower for tidal current turbine. 2021 , 106, 102446	2

167	Mollified finite element approximants of arbitrary order and smoothness. 2021 , 373, 113513	3
166	Determining the minimal background area for species distribution models: MinBAR package. 2021 , 439, 109353	3
165	Numerical simulation of a mixed-mode reaction front in a PPC engine. 2021, 38, 5703-5711	O
164	Topology optimization of a heat sink with an axially uniform cross-section cooled by forced convection. 2021 , 168, 120732	6
163	Utility of serum macrophage migration inhibitory factor as a potential biomarker for detection of cerebrocardiac syndrome following severe traumatic brain injury. 2021 , 512, 179-184	4
162	The effects of fusion ratio on microstructure and cryogenic toughness of dissimilar joint between SA553 and SUS304. 2021 , 61, 56-68	О
161	Data driven estimation of electric vehicle battery state-of-charge informed by automotive simulations and multi-physics modeling. 2021 , 483, 229108	16
160	Novel experimental techniques to assess the time-dependent deformations of geosynthetics under soil confinement. 2021 , 13, 410-419	2
159	The role of nano-communication in bio medical application and research. 2021, 43, 3534-3539	
158	Double and triple resonance behaviour in large systems of LC-shunted intrinsic Josephson junctions. 2021 , 387, 127025	2
157	Opto-electronic properties of HfO2: A first principle-based spin-polarized calculations. 2021 , 226, 165937	3
156	Geometrical investigation of bluff bodies array subjected to forced convective flows for different aspect ratios of frontal body. 2021 , 161, 106724	7
155	Estimation of temperature in machining with self-propelled rotary tools using finite element method. 2021 , 61, 100-110	6
154	XPS study of external Hadiolytic oxidation of UO2 in the presence of argon or hydrogen. 2021 , 543, 152604	4
153	High quantum-yield carbon dots embedded metal-organic frameworks for selective and sensitive detection of dopamine. 2021 , 160, 105718	11
152	Crystal growth and characterization of 2-(4-(dimethylamino) styryl)-benzothiazole: A potential organic nonlinear optical crystal. 2021 , 111, 110655	2
151	Captain of the Ship. 2021 , 101, xvii-xviii	
150	Xingdong Zhang, 2021 Acta Biomaterialia Gold Medal Recipient. 2021 , 121, 758	

149	Effect of automation transparency in the management of multiple unmanned vehicles. 2021, 90, 103243	9
148	Metformin induced lactic acidosis impaired response of cancer cells towards paclitaxel and doxorubicin: Role of monocarboxylate transporter. 2021 , 1867, 166011	8
147	Experimental Investigation on Mechanical Properties of Oil Palm Empty Fruit Bunch Fiber Reinforced Cement Mortar. 2021 , 46, 471-477	2
146	A nonlinear viscoelastic plate equation with p (x,t) -Laplace operator: Blow up of solutions with negative initial energy. 2021 , 59, 103240	O
145	Absorption and metabolism of 3-MCPD in hepatic and renal cell lines. 2021, 70, 105042	0
144	Experimental investigation and field application of pulse-jet cartridge filter in TBM tunneling construction of Qingdao Metro Line 8 subsea tunnel. 2021 , 108, 103690	3
143	Use of endoluminal vacuum-assisted therapy for treatment of gastric fistula after Appleby procedure. 2021 , 99, 316-319	
142	Super resolution ghost imaging based on Fourier spectrum acquisition. 2021 , 139, 106473	3
141	Something's gotta give: How PCNA alters its structure in response to mutations and the implications on cellular processes. 2021 , 163, 46-59	1
140	Coagulopathies in novel coronavirus (SARS-CoV-2) pandemic: Emerging evidence for hematologists. 2021 , 28, 956-961	2
139	Experimental study on mechanism, aging, rheology and fatigue performance of carbon nanomaterial/SBS-modified asphalt binders. 2021 , 268, 121189	30
138	Dynamic characteristics of solid packed-bed thermocline tank using molten-salt as a heat transfer fluid. 2021 , 165, 120677	5
137	Subsidies and substitution: An empirical study of the lifeline program. 2021 , 45, 102075	2
136	Evolution of the early to late Archean mantle from Hf-Nd-Ce isotope systematics in basalts and komatiites from the Pilbara Craton. 2021 , 553, 116627	8
135	A facile approach to incorporate silver nanoparticles into solvent-free synthesized PEG-based hydrogels for antibacterial and catalytical applications. 2021 , 101, 106909	3
134	Using Kriging incorporated with wind direction to investigate ground-level PM concentration. 2021 , 751, 141813	9
133	Reducing uncertainty in time domain fatigue analysis of offshore structures using control variates. 2021 , 149, 107192	6
132	mTOR-driven neural circuit changes initiate an epileptogenic cascade. 2021 , 200, 101974	2

131	A Disynaptic Circuit in the Globus Pallidus Controls Locomotion Inhibition. 2021, 31, 707-721.e7	12
130	Table of Contents. 2021 , 23, A3	
129	latrogenic Arteriovenous Fistula Formation after Endovenous Laser Treatment Resulting in High-output Cardiac Failure: A Case Report and Review of the Literature. 2021 , 72, 666.e13-666.e21	3
128	Design and in-field testing of a multi-level system for continuous subjective occupant feedback on indoor climate. 2021 , 189, 107535	3
127	Enhanced oxidation of sulfadiazine by two-stage ultrasound assisted zero-valent iron catalyzed persulfate process: Factors and pathways. 2021 , 417, 128152	5
126	Magnetic nanoparticles: An indicator of health risks related to anthropogenic airborne particulate matter. 2021 , 271, 116309	6
125	The chicken eggshell calcium oxide ultrasonically dispersed over lignite coal fly ash-based cancrinite zeolite support as a catalyst for biodiesel production. 2021 , 289, 119912	11
124	Neutronic analyses of port impact on blankets and superconducting coils of CFETR. 2021 , 163, 112165	
123	Over-the-counter sale of antibiotics - Using Net-Map to identify and segment stakeholders as the first step towards the development of smart regulation. 2021 , 39, 184-187	
122	An influence of temperature on the lithium ions behavior for starch-based carbon compared to graphene anode for LIBs by the electrochemical impedance spectroscopy (EIS). 2021 , 485, 229323	8
121	Block-based image matching for image retrieval. 2021 , 74, 102998	4
120	Activity labeling in vivo using CaMPARI2 reveals intrinsic and synaptic differences between neurons with high and low firing rate set points. 2021 , 109, 663-676.e5	7
119	Association between genetic variants of the norepinephrine transporter gene (SLC6A2) and bipolar I disorder. 2021 , 107, 110227	1
118	Lastofibrome dorsal bilat` ral, une entit` rare: ^propos de 6 cas. 2021 , 13, 131	
117	Critical factors for successful implementation of just-in-time concept in modular integrated construction: A systematic review and meta-analysis. 2021 , 284, 124716	14
116	Anti-epidermal growth factor vaccine antibodies increase the antitumor activity of kinase inhibitors in ALK and RET rearranged lung cancer cells. 2021 , 14, 100887	1
115	Design of intracortical microstimulation patterns to control the location, intensity, and quality of evoked sensations in human and animal models. 2021 , 479-506	
114	Characterization of developmental changes in spontaneous electrical activity of superior olivary neurons before hearing onset under injectable or volatile anesthesia.	

113	Cell-type specific arousal-dependent modulation of thalamic activity in the lateral geniculate nucleus.	Ο
112	A selected review of recent advances in the study of neuronal circuits using fiber photometry. 2021 , 201, 173113	6
111	Adaptive Balance in Posterior Cerebellum. 2021 , 12, 635259	3
110	Small dendritic synapses enhance temporal coding in a model of cochlear nucleus bushy cells. 2021 , 125, 915-937	О
109	A protocol for simultaneous juxtacellular electrophysiology and local pharmacological manipulation in mouse cortex. 2021 , 2, 100317	0
108	Characterization of Developmental Changes in Spontaneous Electrical Activity of Medial Superior Olivary Neurons Before Hearing Onset With a Combination of Injectable and Volatile Anesthesia. 2021 , 15, 654479	1
107	Inhibition is the hallmark of CA3 intracellular dynamics around awake ripples.	0
106	Reciprocal Lateral Hypothalamic and Raphe GABAergic Projections Promote Wakefulness. 2021 , 41, 4840-484	.9 ₂
105	Routes of the thalamus through the history of neuroanatomy. 2021 , 125, 442-465	1
104	Classification of Cortical Neurons by Spike Shape and the Identification of Pyramidal Neurons. 2021 , 31, 5131-5138	4
103	Nicotine inhibits the VTA-to-amygdala dopamine pathway to promote anxiety. 2021 , 109, 2604-2615.e9	12
102	Kv4.3 channel downregulation mediates chronic post-lesional pacemaker acceleration in surviving dopamine substantia nigra neurons.	1
101	Elevation of hilar mossy cell activity suppresses hippocampal excitability and avoidance behavior. 2021 , 36, 109702	3
100	A spike-sorting method based on hierarchical clustering to discriminate extracellularly recorded simple spikes and complex spikes from cerebellar Purkinje cells.	
99	Sound Intensity-dependent Multiple Tonotopic Organizations and Complex Sub-threshold Alterations of Auditory Response Across Sound Frequencies in the Thalamic Reticular Nucleus. 2021 , 475, 10-51	
98	Cell Type-Specific Arousal-Dependent Modulation of Thalamic Activity in the Lateral Geniculate Nucleus. 2021 , 2, tgab020	3
97	Juxtacellular Labeling of Individual Neurons In Vivo: From Electrophysiology to Synaptology. 2006 , 197-236	7
96	Auditory Cortical Projections to the Medial Geniculate Body. 2011 , 171-188	5

95	Nitrergic Tone Influences Activity of Both Ventral Striatum Projection Neurons and Interneurons. 2009 , 337-347	6
94	Neuronal Activity Patterns During Hippocampal Network Oscillations In Vitro. 2010 , 247-276	4
93	Neuronal Activity Patterns in Anaesthetized Animals. 2010 , 277-291	3
92	Chemosensitivity of Medullary Respiratory Neurones. 2003 , 375-387	7
91	Wheat Germ Agglutinin (WGA) Tracing: A Classic Approach for Unraveling Neural Circuitry. 2015 , 51-66	1
90	Electrical Activity of Individual Neurons in Situ: Extra- and Intracellular Recording. 1999 , 127-172	Ο
89	Thalamostriatal projections and striosome-matrix compartments. 2019 , 125, 67-73	5
88	Neuronal Substrates of Sleep and Epilepsy. 2001 ,	98
87	A disynaptic circuit in the globus pallidus controls locomotion inhibition.	1
86	Burst firing and spatial coding in subicular principal cells.	1
85	Inferring causal connectivity from pairwise recordings and optogenetics.	1
84	Principles Governing the Dynamics of GABAergic Interneurons in the Barrel Cortex.	1
83	Activity labeling in vivo using CaMPARI2 reveals electrophysiological differences between neurons with high and low firing rate set points.	2
82	Coincidence of cholinergic pauses, dopaminergic activation and depolarization drives synaptic plasticity in the striatum.	2
81	Sleep-related thalamocortical spindles and delta oscillations are reduced during a ketamine-induced psychosis-relevant transition state.	2
80	Spiking patterns and their functional implications in the antennal lobe of the tobacco hornworm Manduca sexta. 2011 , 6, e23382	22
79	Enduring Effects of Early Life Stress on Firing Patterns of Hippocampal and Thalamocortical Neurons in Rats: Implications for Limbic Epilepsy. 2013 , 8, e66962	19
7 ⁸	Projection Patterns of Corticofugal Neurons Associated with Vibrissa Movement. 2018 , 5,	7

77	Discharge and Role of Acetylcholine Pontomesencephalic Neurons in Cortical Activity and Sleep-Wake States Examined by Optogenetics and Juxtacellular Recording in Mice. 2018 , 5,		20
76	Integration of Hypernatremia and Angiotensin II by the Organum Vasculosum of the Lamina Terminalis Regulates Thirst. 2020 , 40, 2069-2079		7
75	Texture coarseness responsive neurons and their mapping in layer 2-3 of the rat barrel cortex in vivo. <i>ELife</i> , 2014 , 3, e03405	8.9	27
74	Functional fission of parvalbumin interneuron classes during fast network events. ELife, 2014, 3,	8.9	74
73	A platform for brain-wide imaging and reconstruction of individual neurons. <i>ELife</i> , 2016 , 5, e10566	8.9	246
72	Anatomical organization of presubicular head-direction circuits. <i>ELife</i> , 2016 , 5,	8.9	45
71	Sparse activity of identified dentate granule cells during spatial exploration. ELife, 2016, 5,	8.9	81
70	EM connectomics reveals axonal target variation in a sequence-generating network. ELife, 2017, 6,	8.9	42
69	HCN2 channels in the ventral tegmental area regulate behavioral responses to chronic stress. <i>ELife</i> , 2018 , 7,	8.9	30
68	Manipulating midbrain dopamine neurons and reward-related behaviors with light-controllable nicotinic acetylcholine receptors. <i>ELife</i> , 2018 , 7,	8.9	27
67	In vivo functional diversity of midbrain dopamine neurons within identified axonal projections. <i>ELife</i> , 2019 , 8,	8.9	29
66	Automated and parallelized spike collision tests to identify spike signal projections.		
65	Combined Electrophysiological and Morphological Analyses of CNS Neurons. 2002 , 181-201		
64	Gene and Protein Expression and Regulation in the Central Nervous System. 2002,		
63	Role of Basalo-Cortical System in Modulating Cortical Activity and Sleep - Wake States. 2004 , 24-40		
62	?????????. 2008 , 15, 203-208		3
61	Juxtacellular Labeling in Combination with Other Histological Techniques to Determine Phenotype of Physiologically Identified Neurons. 2012 , 189-205		
60	Reverse Engineering the 3D Structure and Sensory-Evoked Signal Flow of Rat Vibrissal Cortex. 2014 , 127-145		1

59	Analysis of Brain Projection Systems Using Third-Generation Neuroanatomical Tracers and Multiple Fluorescence Laser Scanning Microscopy. 2014 , 51-82	
58	Simultaneous Collection of In Vivo Functional and Anatomical Data from Individual Neurons in Awake Mice. 2015 , 85-99	
57	A Survey of Current Neuroanatomical Tracing Techniques. 2015 , 1-49	1
56	Development of Functional Interlaminar Pathways in the Mouse Superior Colliculus Revealed by Optical Imaging with Axonal Labeling. 2017 , 05, 11-35	
55	Recording action potential propagation in single axons using multi-electrode arrays.	2
54	[In vivo analysis for mechanism of drug action by juxtacellular recording]. 2018 , 152, 28-32	
53	Somatic nicotinic acetylcholine receptors control the activity of dopamine neurons and reward-related behaviors.	
52	Estrus-Cycle Regulation of Cortical Inhibition.	O
51	Parkinson disease uncovers an underlying sensitivity of subthalamic nucleus neurons to beta-frequency cortical input.	1
50	Electrochemical Roughening and Carbon Nanotube Coating of Tetrodes for Chronic Single-Unit Recording.	
49	Esynuclein-induced Kv4 channelopathy in mouse vagal motoneurons causes non-motor parkinsonian symptoms.	
48	Enhanced sensory coding in mouse vibrissal and visual cortex through TRPA1.	
47	Small dendritic synapses enhance temporal coding in a model of cochlear nucleus bushy cells.	
46	Juxtacellular Labeling of Stellate, Disk and Basket Neurons in the Central Nucleus of the Guinea Pig Inferior Colliculus. 2021 , 15, 721015	О
45	Electrophysiological studies and sleep-wake cycle. 2022 , 33-58	
44	Distinct dopamine circuits transmit the reinforcing and anxiogenic effects of nicotine.	
43	Reciprocal lateral hypothalamic and raph GABAergic projections promote wakefulness.	
42	State-dependent modulation of activity in distinct layer 6 corticothalamic neurons in barrel cortex of awake mice.	

(2018-2021)

41	Dendritic Architecture Predicts Firing Pattern in Mouse Ventral Tegmental Area and Substantia Nigra Dopaminergic Neurons. 2021 , 15, 769342		2
40	Juxtacellular opto-tagging of hippocampal CA1 neurons in freely moving mice ELife, 2022, 11,	8.9	2
39	Region Selective Cortical Control Of The Thalamic Reticular Nucleus.		1
38	The Effects of Antidepressants on Neurotransmission: Translational Insights from In Vivo Electrophysiological Studies. 2022 , 193-205		
37	In vivo electrophysiological study of the targeting of 5-HT receptor-expressing cortical interneurons by the multimodal antidepressant, vortioxetine 2022 ,		
36	Artificial Sensory Feedback to the Brain: Somatosensory Feedback for Neural Devices and BCI. 2022 , 1-23		
35	The psychotomimetic ketamine disrupts the transfer of late sensory information in the corticothalamic network.		
34	Processing of information from the parafascicular nucleus of the thalamus through the basal ganglia 2022 ,		
33	Coincidence of cholinergic pauses, dopaminergic activation and depolarisation of spiny projection neurons drives synaptic plasticity in the striatum 2022 , 13, 1296		О
32	Better Outcomes with Intranigral versus Intrastriatal Cell Transplantation: Relevance for Parkinson's Disease 2022 , 11,		2
31	Modular microcircuit organization of the presubicular head-direction map 2022, 39, 110684		
30	Table_1.XLSX. 2018 ,		
29	Video_1.MOV. 2018 ,		
28	Video_2.MOV. 2018 ,		
27	Image_1.JPEG. 2020 ,		
26	Image_2.JPEG. 2020 ,		
25	Image_3.JPEG. 2020 ,		
24	Image_1.PDF. 2018 ,		

23	Image_2.PDF. 2018 ,		
22	Image_3.PDF. 2018 ,		
21	Image_4.PDF. 2018 ,		
20	Image_5.PDF. 2018 ,		
19	Data_Sheet_1.pdf. 2019 ,		
18	Image_1.JPEG. 2020 ,		
17	Functional Interactions Between the Parafascicular Thalamic Nucleus and Motor Cortex Are Altered in Hemiparkinsonian Rat. <i>Frontiers in Aging Neuroscience</i> , 14,	5.3	
16	Connectivity and synaptic features of hilar mossy cells and their effects on granule cell activity along the hippocampal longitudinal axis. <i>Journal of Physiology</i> ,	3.9	O
15	Ca v 1.3 calcium channels are full-range linear amplifiers of firing frequencies in lateral DA SN neurons. <i>Science Advances</i> , 2022 , 8,	14.3	1
14	UP-DOWN states and ripples differentially modulate membrane potential dynamics across DG, CA3, and CA1 in awake mice. <i>ELife</i> , 11,	8.9	O
13	Neurogliaform cells dynamically decouple neuronal synchrony between brain areas. <i>Science</i> , 2022 , 377, 324-328	33.3	0
12	Automated and parallelized spike collision tests to identify spike signal projections. 2022 , 25, 105071		O
11	Dendritic axon origin enables information gating by perisomatic inhibition in pyramidal neurons. 2022 , 377, 1448-1452		1
10	Motor Cortex Projections To Red Nucleus And Pons Have Distinct Functional Roles In The Mouse.		O
9	Preserved motility after neonatal dopaminergic lesion relates to hyperexcitability of direct pathway medium spiny neurons. JN-RM-1992-21		O
8	The psychotomimetic ketamine disrupts the transfer of late sensory information in the corticothalamic network.		O
7	Region-selective control of the thalamic reticular nucleus via cortical layer 5 pyramidal cells.		0
6	Function follows form: how the structure of neurons determines cortical network activity.		O

CITATION REPORT

5	Different subtypes of motor cortex pyramidal tract neurons projects to red and pontine nuclei. 16,	0
4	Correlative light and volume electron microscopy to study brain development.	O
3	Artificial Sensory Feedback to the Brain: Somatosensory Feedback for Neural Devices and BCI. 2023 , 1261-1283	O
2	Experience-dependent structural plasticity of pyramidal neurons in the developing sensory cortices. 2023 , 81, 102724	O
1	Spezielle Anwendungen. 2023 , 127-156	0