

Autores	Revista	volumen-pag		Título
Antón-Bolaños, N.; Sempere-Ferrández, A.; Guillamón-Vivancos, T.; Martini, F.J.; Pérez-Saiz, L.; Gezelius, H.; Filipchuk, A.; Valdeolmillos, M.; López-Bendito, G.	Science	364(6444):987-990	2019	Prenatal activity from thalamic neurons governs the emergence of functional cortical maps in mice
Bach, P.; Weil, G.; Pompili, E.; Hoffmann, S.; Hermann, D.; Vollstädt-Klein, S.; Mann, K.; Perez-Ramirez, U.; Moratal, D.; Canals, S.; Dursun, S.M.; Greenshaw, A.J.; Kirsch, P.; Kiefer, F.; Sommer, W.H.	Addiction Biology		2019	Incubation of neural alcohol cue reactivity after withdrawal and its blockade by naltrexone
Belmonte, C.	Cornea	38():S11-S24	2019	Pain, Dryness, and Itch Sensations in Eye Surface Disorders Are Defined By a Balance Between Inflammation and Sensory Nerve Injury
Borrell V.	F1000 Research	8:1791	2019	Recent advances in understanding neocortical development
Botella-López, A.; García-Lopez, R.; Pombero, A.; Martínez, S.	Brain Structure and Function	224(2):661-679	2019	Radial glia fibers translate Fgf8 morphogenetic signals to generate a thalamic nuclear complex protomap in the mantle layer
Bueno, C.; Martínez-Morga, M.; Martínez, S.	Scientific Reports	9:18038	2019	Non-proliferative neurogenesis in human periodontal ligament stem cells
Carmena, A.	Small GTPases		2019	Non-muscle myosin II activation: adding a classical touch to ROCK
Chamorro, A.; Mir, P.	Neurology	93(14):611-612	2019	Raising serum urate levels in Parkinson disease: A strategy only for women?
Company, V.; Moreno-Bravo, J.A.; Perez-Balaguer, A.; Puelles, E.	Anatomical Record	302(3):446-451	2019	The Amniote Oculomotor Complex
Cortés-Montero, E.; Sánchez-Blázquez, P.; Onetti, Y.; Merlos, M.; Garzón, J.	Frontiers in Pharmacology	10:634	2019	Ligands exert biased activity to regulate sigma 1 receptor interactions with cationic TRPA1, TRPV1, and TRPM8 channels
Cristina Llinares-Benadero; Víctor Borrell	Nature Reviews Neuroscience	20(3):161-176	2019	Deconstructing cortical folding: genetic, cellular and mechanical determinants
De Santis S; Bastiani M; Droby A; Kolber P; Zipp F; Pracht E; Stoecker T; Groppa S; Roebroek A	Neuroscience	403():17-26	2019	Characterizing Microstructural Tissue Properties in Multiple Sclerosis with Diffusion MRI at 7 ₂ T and 3 ₂ T: The Impact of the Experimental Design.
De Santis, S.; Bach, P.; Pérez-Cervera, L.; Cosa-Linan, A.; Weil, G.; Vollstädt-Klein, S.; Hermann, D.; Kiefer, F.; Kirsch, P.; Ciccocioppo, R.; Sommer, W.H.; Canals, S.	JAMA Psychiatry	76(7):749-758	2019	Microstructural White Matter Alterations in Men with Alcohol Use Disorder and Rats with Excessive Alcohol Consumption during Early Abstinence
De Santis, S.; Canals, S.	Neuroscience		2019	Non-invasive MRI windows to neuroinflammation
De Santis, S.; Granberg, T.; Ouellette, R.; Treaba, C.A.; Herranz, E.; Fan, Q.; Mainero, C.; Toschi, N.	NeuroImage-Clinical	22:101699	2019	Evidence of early microstructural white matter abnormalities in multiple sclerosis from multi-shell diffusion MRI
De Santis, S.; Sommer, W.H.; Canals, S.	ACS Chemical Neuroscience	10(10):4187-4189	2019	Detecting Alcohol-Induced Brain Damage Noninvasively Using Diffusion Tensor Imaging
del Blanco, B.; Guiretti, D.; Tomasoni, R.; Lopez-Cascales, M.T.; Muñoz-Viana, R.; Lipinski, M.; Scandaglia, M.; Coca, Y.; Olivares, R.; Valor, L.M.; Herrera, E.; Barco, A.	Cell Death and Differentiation	26(11):2208-2222	2019	CBP and SRF co-regulate dendritic growth and synaptic maturation
Delettre C; Messé A; Dell LA; Foubet O; Heuer K; Larrat B; Meriaux S; Mangin JF; Reillo I; de Juan Romero C; Borrell V; Toro R; Hilgetag CC	Network Neuroscience	3(4):8	2019	Comparison between diffusion MRI tractography and histological tract-tracing of cortico-cortical structural connectivity in the ferret brain
Eloisa Herrera; Lynda Erskine; Cruz Morenilla-Palao	Seminars in Cell and Developmental Biology	85():48-59	2019	Guidance of retinal axons in mammals
Favuzzi, E.; Deogracias, R.; Marques-Smith, A.; Maeso, P.; Jezequel, J.; Exposito-Alonso, D.; Balía, M.; Kroon, T.; Hinojosa, A.J.; Maraver, E.F.; Rico, B.	Science	363(6425):413-417	2019	Neurodevelopment: Distinct molecular programs regulate synapse specificity in cortical inhibitory circuits

Fazilaty, H.; Rago, L.; Kass Youssef, K.; Ocaña, O.H.; Garcia-Asencio, F.; Arcas, A.; Galceran, J.; Nieto, M.A.	Nature Communications	10(1):5115	2019	A gene regulatory network to control EMT programs in development and disease
Felipe Criado-Boado; Diego Alonso-Pablos; Manuel J. Blanco; Yolanda Porto; Anxo Rodríguez-Paz; Elena Cabrejas; Elena del Barrio-Álvarez; Luis M. Martínez	Scientific Reports	9:3985	2019	Coevolution of visual behaviour, the material world an social complexity, depicted by the eye-tracking of archaeological objects in humans
Fernández, M.J.F.; Valero-Cases, E.; Rincon-Frutos, L.	Current Pharmaceutical Biotechnology	20(2):100-113	2019	Food components with the potential to be used in the therapeutic approach of mental diseases
Fernandez-Albert, J.; Lipinski, M.; Lopez-Cascales, M.T.; Rowley, M.J.; Martin-Gonzalez, A.M.; del Blanco, B.; Corces, V.G.; Barco, A.	Nature Neuroscience		2019	Immediate and deferred epigenomic signatures of in vivo neuronal activation in mouse hippocampus
Filipovi, M.; Ketzef, M.; Reig, R.; Aertsen, A.; Silberberg, G.; Kumar, A.	Journal of Neurophysiology	122(6):2294-2303	2019	Direct pathway neurons in mouse dorsolateral striatum in vivo receive stronger synaptic input than indirect pathway neurons
Franco, M.; Carmena, A.	Journal of Cell Biology	218(4):1200-1217	2019	Eph signaling controls mitotic spindle orientation and cell proliferation in neuroepithelial cells
Franco, M.; Carmena, A.	Cell Cycle		2019	Eph signaling in mitotic spindle orientation: what's your angle here?
Fumagalli, A.; Zarca, A.; Neves, M.; Caspar, B.; Hill, S.J.; Mayor, F.; Smit, M.J.; Marin, P.	Molecular Pharmacology	96(6):794-808	2019	CXCR4/AckR3 phosphorylation and recruitment of interacting proteins: Key mechanisms regulating their functional status
García-Ayllón, M.S.; Monge-Argilés, J.A.; Monge-García, V.; Navarrete, F.; Cortés-Gómez, M.A.; Sánchez-Payá, J.; Manzanares, J.; Gasparini-Berenguer, R.; Leiva-Santana, C.; Sáez-Valero, J.	Journal of Neurochemistry	150(2):218-230	2019	Measurement of CSF α -synuclein improves early differential diagnosis of mild cognitive impairment due to Alzheimer's disease
Garcia-Hernandez, R.	Journal of Neuroscience Research	97(6):643-644	2019	Towards developing meaningful MRI biomarkers of neuroinflammation
Gerecsei, L.I.; Balázsa, T.; Echevarría, D.; Ádám, Á.; Zachar, G.; Csillag, A.	ACTA NEUROBIOLOGIAE EXPERIMENTALIS	79(1):92-100	2019	Selective neuronal death following exposure to methylenedioxypropylamphetamine is accompanied by an inhibition of NMDA receptor NR2B subunit expression
Germán Camargo Ortega; Sven Falk; Pia A. Johansson; Elise Peyre; Loïc Broix; Sanjeeb Kumar Sahu; William Hirst; Thomas Schlichthaerle; Camino De Juan Romero; Kalina Draganova; Stanislav Vinopal; Kaviya Chinnappa; Anna Gavranovic; Tugay Karakaya; Thomas Steininger; Juliane Merl-Pham; Regina Feederle; Wei Shao; Song-Hai Shi; Stefanie M. Hauck; Ralf Jungmann; Frank Bradke; Victor Borrell; Arie Geerlof; Simone Reber; Vijay K. Tiwari; Wieland B. Huttner; Michaela Wilsch-Bräuninger; Laurent Nguyen; Magdalena Götz	Nature	567(7746):113-117	2019	The centrosome protein AKNA regulates neurogenesis via microtubule organization
Gimenez-Molina, Y.; García-Martínez, V.; Villanueva, J.; Davletov, B.; Gutiérrez, L.M.	Scientific Reports	9(1):18471	2019	Multiple sclerosis drug FTY-720 toxicity is mediated by the heterotypic fusion of organelles in neuroendocrine cells
Goldstein, R.H.; Barkai, O.; Íñigo-Portugués, A.; Katz, B.; Lev, S.; Binshtok, A.M.	Neuron	102(4):801-812.e5	2019	Location and Plasticity of the Sodium Spike Initiation Zone in Nociceptive Terminals In Vivo
Gomez-Marin, A.; Ghazanfar, A.A.	Neuron	104(1):25-36	2019	The Life of Behavior
Grassi, E.; Santoro, R.; Umbach, A.; Grosso, A.; Oliviero, S.; Neri, F.; Conti, L.; Ala, U.; Provero, P.; Dicunto, F.; Merlo, G.R.	Frontiers in Cellular Neuroscience	12:518	2019	Choice of alternative polyadenylation sites, mediated by the rna-binding protein Elavl3, plays a role in differentiation of inhibitory neuronal progenitors
Gutierrez-Perez I; Rowley MJ; Lyu X2; Valadez-Graham V; Vallejo DM; Ballesta-Illan E; Lopez-Atalaya JP; Kremsky I; Caparros E; Corces VG; Dominguez M	Cell Reports	28(10):2715-2727	2019	Ecdysone-Induced 3D Chromatin Reorganization Involves Active Enhancers Bound by Pipsqueak and Polycomb
Herrera E; Agudo-Barriuso M; Murcia-Belmonte V	Anatomical Record	302(3):428-445	2019	Cranial Pair II: The Optic Nerves
Hutson TH; Kathe C; Palmisano I; Bartholdi K; Hervera; De Virgiliis F; McLachlan E; Zhou L; Kong G; Barraud Q3; Danzi MC5; Medrano-Fernandez A; Lopez-Atalaya JP; Boutillier AL; Sinha SH; Singh AK; Chaturbedy P; Moon LDF; Kundu TK; Bixby JL; Barco A	Science Translational Medicine	11(487):eaaw2064	2019	Cbp-dependent histone acetylation mediates axon regeneration induced by environmental enrichment in rodent spinal cord injury models

Jose Miguel Arcas; Alejandro González; Omar González-González; Federico Bech; Lusine Demirkhanyan; Eleonora Zakharian; Carlos Belmonte; Ana Gomis; Félix Viana	Journal of Neuroscience	39(6):949-969	2019	The immunosuppressant macrolide tacrolimus activates cold-sensing TRPM8 channels
Joubert, F.; Acosta, M.d.C.; Gallar, J.; Fakih, D.; Sahel, J.A.; Baudouin, C.; Bodineau, L.; Mélik Parsadaniantz, S.; Réaux-Le Goazigo, A.	European Journal of Pain (United Kingdom)	23(3):589-602	2019	Effects of corneal injury on ciliary nerve fibre activity and corneal nociception in mice: A behavioural and electrophysiological study
Lipinski, M.; del Blanco, B.; Barco, A.	Current Opinion in Neurobiology	59():1-8	2019	CBP/p300 in brain development and plasticity: disentangling the KAT's cradle
Lluch Armell, T.; Sureda Trullas, L.; Almenar Lluch, A.; Gomez Urios, C.	Nutrición Clínica y Dietética Hospitalaria	39(1):40-45	2019	Comparative study of the nutritional assessment of dining room menus through bromatological analysis and food composition tables Estudio comparativo de la valoración nutricional de menús de comedores mediante análisis bromatológico y tablas de composición de alimentos
Lopez-Font, I.; Boix, C.P.; Zetterberg, H.; Blennow, K.; Sáez-Valero, J.	Molecular neurobiology	56(12):8603-8616	2019	Characterization of Cerebrospinal Fluid BACE1 Species
Lopez-Font, I.; Iborra-Lazaro, G.; Sánchez-Valle, R.; Molinuevo, J.L.; Cuchillo-Ibanez, I.; Sáez-Valero, J.	Clinica Chimica Acta	490():6-11	2019	CSF-ApoER2 fragments as a read-out of reelin signaling: Distinct patterns in sporadic and autosomal-dominant Alzheimer disease
Lopez-Font, I.; Sogorb-Esteve, A.; Javier-Torrent, M.; Brinkmalm, G.; Herrando-Grabulosa, M.; García-Lareu, B.; Turon-Sans, J.; Rojas-García, R.; Lleó, A.; Saura, C.A.; Zetterberg, H.; Blennow, K.; Bosch, A.; Navarro, X.; Sáez-Valero, J.	Neurobiology of Disease	124():428-438	2019	Decreased circulating ErbB4 ectodomain fragments as a read-out of impaired signaling function in amyotrophic lateral sclerosis
López-Madrona VJ; Matías FS; Mirasso CR; Canals S; Pereda E	Scientific Reports	9:17041	2019	Inferring correlations associated to causal interactions in brain signals using autoregressive models
Marc-Hernández, A.; Ruiz-Tovar, J.; Aracil, A.; Guillén, S.; Moya-Ramón, M.	Obesity Surgery		2019	Impact of Exercise on Body Composition and Cardiometabolic Risk Factors in Patients Awaiting Bariatric Surgery
Marcos, E.; Londei, F.; Genovesio, A.	Neural Computation	31(9):1874-1890	2019	Hidden Markov models predict the future choice better than a PSTH-based method
Marcos, E.; Tsujimoto, S.; Mattia, M.; Genovesio, A.	Cell Reports	27(10):2909-2920.e4	2019	A Network Activity Reconfiguration Underlies the Transition from Goal to Action
Marta Fernández-Nogales; Verónica Murcia-Belmonte; Holly Yu Chen; Eloísa Herrera	Progress in Retinal and Eye Research	68():110-123	2019	The peripheral eye: A neurogenic area with potential to treat retinal pathologies?
Martínez-García, M.; Bertalmío, M.; Malo, J.	Frontiers in Neuroscience	13:8	2019	In praise of artifice reloaded: Caution with natural image databases in modeling vision
Martínez-Martínez MA; Ciceri G; Espinós A; Fernández V; Marín O; Borrell V	Journal of Comparative Neurology	527(10):1558-1576	2019	Extensive branching of radially-migrating neurons in the mammalian cerebral cortex
Martínez-Morga, M.; Paz Quesada, M.; Bueno, C.; Martínez, S.	Medicina	79():27-32	2019	Neurobiological bases of autism and cellular models for its experimental study Bases neurobiológicas del autismo y modelos celulares para su estudio experimental
Matic, A.; Gomez-Marin, A.	JOURNAL OF NEUROSCIENCE METHODS	328:108398	2019	A customizable tablet app for hand movement research outside the lab
Medrano-Fernández, A.; Delgado-García, J.M.; del Blanco, B.; Llinares, M.; Sánchez-Campusano, R.; Olivares, R.; Gruart, A.; Barco, A.	Molecular neurobiology	56(6):4440-4454	2019	The Epigenetic Factor CBP Is Required for the Differentiation and Function of Medial Ganglionic Eminence-Derived Interneurons
Møllerud, S.; Hansen, R.B.; Pallesen, J.; Temperini, P.; Pasini, D.; Bornholt, J.; Nielsen, B.; Mamedova, E.; Chalupnik, P.; Paternain, A.V.; Lerma, J.; Diaz-Delcastillo, M.; Andreasen, J.T.; Frydenvang, K.; Kastrup, J.S.; Johansen, T.N.; Pickering, D.S.	ACS Chemical Neuroscience	10(11):4685-4695	2019	N-(7-(1 H-Imidazol-1-yl)-2,3-dioxo-6-(trifluoromethyl)-3,4-dihydroquinoxalin-1(2 H)-yl)benzamide, a New Kainate Receptor Selective Antagonist and Analgesic: Synthesis, X-ray Crystallography, Structure-Affinity Relationships, and in Vitro and in Vivo Pharmacology
Murcia-Belmonte, V.; Coca, Y.; Vegar, C.; Negueruela, S.; de Juan Romero, C.; Valiño, A.J.; Sala, S.; DaSilva, R.; Kania, A.; Borrell, V.; Martínez, L.M.; Erskine, L.; Herrera, E.	Current Biology	29(7):1149-1160.e4	2019	A Retino-retinal Projection Guided by Unc5c Emerged in Species with Retinal Waves
Murcia-Belmonte, V.; Erskine, L.	International Journal of Molecular Sciences	20(13)	2019	Wiring the Binocular Visual Pathways
Navarro, D.; Alvarado, M.; Figueroa, A.; Gonzalez-Liencres, C.; Salas-Lucia, F.; Pacheco, P.; Sanchez-Vives, M.V.; Berbel, P.	Frontiers in neuroanatomy	13:54	2019	Distribution of GABAergic neurons and VGluT1 and VGAT immunoreactive boutons in the ferret (<i>Mustela putorius</i>) piriform cortex and endopiriform nucleus. Comparison with visual areas 17, 18 and 19
Navarro-Mateu, F.; Escámez, T.; Quesada, M.P.; Alcaráz, M.J.; Vilagut, G.; Salmerón, D.; Huerta, J.M.; Chirlaque, M.D.; Navarro, C.; Kessler, R.C.; Alonso, J.; Martínez, S.	Psychiatry Research	282:112640	2019	Modification of the risk of post-traumatic stress disorder (PTSD) by the 5-HTTLPR polymorphisms after Lorca's earthquakes (Murcia, Spain).

Navarro-Mateu, F.; Quesada, M.P.; Escámez, T.; Alcaráz, M.J.; Seiquer De La Peña, C.; Salmerón, D.; Huerta, J.M.; Vilagut, G.; Chirlaque, M.D.; Navarro, C.; Husky, M.; Kessler, R.C.; Alonso, J.; Martínez, S.	BMJ Open	9:e030328	2019	Childhood adversities and 5-HTTLPR polymorphism as risk factors of substance use disorders: Retrospective case-control study in Murcia (Spain)
Navarro-Mateu, F.; Rubio-Aparicio, M.; Cayuela, P.; Álvarez, F.J.; Roca-Vega, A.; Chirlaque, M.D.; Cayuela, M.L.; Husky, M.; Martínez, S.; Sánchez-Meca, J.	Systematic Reviews	8(1):298	2019	The association of telomere length with substance use disorders: Systematic review and meta-analysis protocol
Ordás, P.; Hernández-Ortego, P.; Vara, H.; Fernández-Peña, C.; Reimúndez, A.; Morenilla-Palao, C.; Guadaño-Ferraz, A.; Gomis, A.; Hoon, M.; Viana, F.; Señarís, R.	Journal of Comparative Neurology		2019	Expression of the cold thermoreceptor TRPM8 in rodent brain thermoregulatory circuits
Ortín, S.; Pesquera, L.	Frontiers in Physics	7:210	2019	Tackling the Trade-Off Between Information Processing Capacity and Rate in Delay-Based Reservoir Computers
Ortuño, T.; López-Madrone, V.J.; Makarova, J.; Tapia-Gonzalez, S.; Muñoz, A.; DeFelipe, J.; Herreras, O.	Journal of Neuroscience	39(45):8900-8915	2019	Slow-Wave Activity in the S1HL Cortex Is Contributed by Different Layer-Specific Field Potential Sources during Development
Palacios-García, J.; Sanz-Flores, M.; Asensio, A.; Alvarado, R.; Rojo-Berciano, S.; Stamatakis, K.; Paramio, J.M.; Cano, A.; Nieto, M.Á.; García-Escudero, R.; Mayor, F.; Ribas, C.	International Journal of Cancer		2019	G-protein-coupled receptor kinase 2 safeguards epithelial phenotype in head and neck squamous cell carcinomas
Pallé, A.; Zorzo, C.; Luskey, V.E.; McGreevy, K.R.; Fernández, S.; Trejo, J.L.	FASEB Journal	33(6):6995-7008	2019	Social dominance differentially alters gene expression in the medial prefrontal cortex without affecting adult hippocampal neurogenesis or stress and anxiety-like behavior
Pérez De Vega, M.J.; Fernandez-Mendivil, C.; De La Torre Martínez, R.; González-Rodríguez, S.; Mullet, J.; Sala, F.; Sala, S.; Criado, M.; Moreno-Fernández, S.; Miguel, M.; Fernández-Carvajal, A.; Ferrer-Montiel, A.; López, M.G.; González-Muñiz, R.	ACS Chemical Neuroscience	10(8):3900-3909	2019	1-(2',5'-Dihydroxyphenyl)-3-(2-fluoro-4-hydroxyphenyl)-1-propanone (RGM079): A Positive Allosteric Modulator of $\alpha 7$ Nicotinic Receptors with Analgesic and Neuroprotective Activity
Pérez-Otaño, I.; Rodríguez-Moreno, A.	Proceedings of the National Academy of Sciences	116(27):13166-13168	2019	Presynaptic NMDARs and astrocytes ally to control circuit-specific information flow
Pilar Madrigal; Adrian Portales; Maria Perez; Sandra Jurado	Neuroscience	420():12-21	2019	Postsynaptic SNARE Proteins: Role in Synaptic Transmission and Plasticity
Piña, R.; Ugarte, G.; Campos, M.; Íñigo-Portugués, A.; Olivares, E.; Orío, P.; Belmonte, C.; Bacigalupo, J.; Madrid, R.	Journal of Neuroscience	39(41):8177-8192	2019	Role of TRPM8 Channels in Altered Cold Sensitivity of Corneal Primary Sensory Neurons Induced by Axonal Damage
Prakash, V.; Carson, B.B.; Feenstra, J.M.; Dass, R.A.; Sekyrova, P.; Hoshino, A.; Petersen, J.; Guo, Y.; Parks, M.M.; Kurylo, C.M.; Batchelder, J.E.; Haller, K.; Hashimoto, A.; Rundqvist, H.; Condeelis, J.S.; Allis, C.D.; Drygin, D.; Nieto, M.A.; Andäng, M.; Percipalle, P.; Bergh, J.; Adameyko, I.; Farrants, A.K.Ö.; Hartman, J.; Lyden, D.; Pietras, K.; Blanchard, S.C.; Vincent, C.T.	Nature Communications	10(1):2110	2019	Ribosome biogenesis during cell cycle arrest fuels EMT in development and disease
Quesada, M.P.; García-Bernal, D.; Pastor, D.; Estirado, A.; Blanquer, M.; García-Hernández, A.M.; Moraleda, J.M.; Martínez, S.	Tissue Engineering and Regenerative Medicine	16(5):525-538	2019	Safety and Biodistribution of Human Bone Marrow-Derived Mesenchymal Stromal Cells Injected Intrathecally in Non-Obese Diabetic Severe Combined Immunodeficiency Mice: Preclinical Study
Quiñones, D.R.; Fernández-Mollá, L.M.; Pacheco-Torres, J.; Caramés, J.M.; Canals, S.; Moratal, D.	MAGNETIC RESONANCE IMAGING	58():67-75	2019	TherMouseDuino: An affordable Open-Source temperature control system for functional magnetic resonance imaging experimentation with mice
Rago, L.; Castroviejo, N.; Fazilaty, H.; Garcia-Asencio, F.; Ocaña, O.H.; Galcerán, J.; Nieto, M.A.	Developmental Cell	51(4):446-459.e5	2019	MicroRNAs Establish the Right-Handed Dominance of the Heart Laterality Pathway in Vertebrates
Raja, M.K.; Preobraschenski, J.; Del Olmo-Cabrera, S.; Martínez-Turrillas, R.; Jahn, R.; Perez-Otano, I.; Wesseling, J.F.	eLife	8:e40744	2019	Elevated synaptic vesicle release probability in synaptophysin/gyrin family quadruple knockouts
Ramon-Cañellas, P.; Peterson, H.P.; Morante, J.	Neuroscience	399():39-52	2019	From Early to Late Neurogenesis: Neural Progenitors and the Glial Niche from a Fly's Point of View
Reiff, T.; Antonello, Z.A.; Ballesta-Illán, E.; Mira, L.; Sala, S.; Navarro, M.; Martínez, L.M.; Dominguez, M.	EMBO Journal	38(21):e101346	2019	Notch and EGFR regulate apoptosis in progenitor cells to ensure gut homeostasis in Drosophila
Riva, M.; Genescu, I.; Habermacher, C.; Orduz, D.; Ledonne, F.; Rijli, F.M.; López-Bendito, G.; Coppola, E.; Garel, S.; Angulo, M.C.; Pierani, A.	eLife	8:e50503	2019	Activity-dependent death of transient cajal-retzius neurons is required for functional cortical wiring

Royo M; Gutiérrez Y; Fernández-Monreal M; Gutiérrez-Eisman S; Jiménez R; Jurado S; Esteban JA	Journal of Cell Science	132(24):234-	2019	A retention-release mechanism based on RAB11FIP2 for AMPA receptor synaptic delivery during long-term potentiation
Scandaglia, M.; Barco, A.	Journal of Medical Genetics		2019	Contribution of spurious transcription to intellectual disability disorders
Scott, R.; Sánchez-Aguilera, A.; van Elst, K.; Lim, L.; Dehorter, N.; Bae, S.E.; Bartolini, G.; Peles, E.; Kas, M.J.H.; Bruining, H.; Marín, O.	Cerebral Cortex	29(2):586-597	2019	Loss of Cntnap2 Causes Axonal Excitability Deficits, Developmental Delay in Cortical Myelination, and Abnormal Stereotyped Motor Behavior
Sempere-Ferrández, A.; Martínez, S.; Geijo-Barrientos, E.	Brain Structure and Function	224(4):1403-1416	2019	Synaptic mechanisms underlying the intense firing of neocortical layer 5B pyramidal neurons in response to cortico-cortical inputs
Startek, J.B.; Boonen, B.; Talavera, K.; Meseguer, V.	International Journal of Molecular Sciences	20(2)	2019	TRP Channels as Sensors of Chemically-Induced Changes in Cell Membrane Mechanical Properties
Torres, D.; Makarova, J.; Ortuño, T.; Benito, N.; Makarov, V.A.; Herreras, O.	Cerebral Cortex	29(12):5234-5254	2019	Local and Volume-Conducted Contributions to Cortical Field Potentials
Toschi, N.; De Santis, S.; Granberg, T.; Ouellette, R.; Treaba, C.A.; Herranz, E.; Mainero, C.	Neuroscience	403():27-34	2019	Evidence for Progressive Microstructural Damage in Early Multiple Sclerosis by Multi-Shell Diffusion Magnetic Resonance Imaging
Truco LD; Mundra PA; Hogan K; García-Martínez P; Viros A; Mandal AK; Macagno N; Gaudy-Marquese C; Allan D; Baenke F; Cook M; McManus C; L Sánchez-Laorden B; Dhomen N; Marais R	Nature Medicine	25():221-224	2019	Ultraviolet radiation-induced DNA damage is prognostic for outcome in melanoma.
Val, G.M.D.; Muñoz-Robledano, P.	Scandinavian Journal of Laboratory Animal Sci	45:2	2019	Cryopreservation of genetically modified mouse strains: Preserving valuable material, saving resources and reducing animal usage
Valbuena, S.; García, Á.; Mazier, W.; Paternain, A.V.; Lerma, J.	Nature Communications	10(!):4991	2019	Unbalanced dendritic inhibition of CA1 neurons drives spatial-memory deficits in the Ts2Cje Down syndrome model
Valdor, R.; García-Bernal, D.; Riquelme, D.; Martínez, C.M.; Moraleda, J.M.; Cuervo, A.M.; Macian, F.; Martínez, S.	Proceedings of the National Academy of Scienc	116(41):20655-20665	2019	Glioblastoma ablates pericytes antitumor immune function through aberrant up-regulation of chaperone-mediated autophagy
Villegas, S.N.	DMM Disease Models and Mechanisms	12(4):dmm039032	2019	One hundred years of Drosophila cancer research: No longer in solitude
Villegas, S.N.; Ferres-Marco, D.; Domínguez, M.	Advances in Experimental Medicine and Biolog	1167():15-35	2019	Using Drosophila Models and Tools to Understand the Mechanisms of Novel Human Cancer Driver Gene Function
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