



INSTITUTO DE NEUROCIENCIAS



Autores	Revista	Año	Título	doi
Adam Matic; Pavle Valerjev; Alex Gomez-Marin	Frontiers in Neurobotics	2021	Hierarchical Control of Visually-Guided Movements in a 3D-Printed Robot Arm.	10.3389/fnbot.2021.755723
Alçada-Morais, S.; Gonçalves, N.; Moreno-Juan, V.; Andres, B.; Ferreira, S.; Marques, J.M.; Magalhães, J.; Rocha, J.M.M.; Xu, X.; Partidário, M.; Cunha, R.A.; López-Bendito, G.; Rodrigues, R.J.	Cerebral Cortex	2021	Adenosine A2A Receptors Contribute to the Radial Migration of Cortical Projection Neurons through the Regulation of Neuronal Polarization and Axon Formation	10.1093/cercor/bhab188
Aleixandre-Carrera F; Engelmayer N; Ares-Suárez D; Acosta MC; Belmonte C; Gallar J; Meseguer V; Binshtok AM	International Journal of Molecular Sciences	2021	Optical Assessment of Nociceptive TRP Channel Function at the Peripheral Nerve Terminal	10.3390/ijms22020481
Álvarez-Vergara Ml; Rosales-Nieves AE; March-Díaz R; Rodríguez-Perinan G; Lara-Ureña N; Ortega-de San Luis C; Sánchez-García MA; Martín-Bornez M; Gómez-Gálvez P; Vicente-Munuera P; Fernández-Gómez B; Marchena MA; Bullones-Bolaños AS; Dávila JC; González-Martínez R; Trillo-Contreras JL; Sánchez-Hidalgo AC; del Toro R; Scholl FG; Herrera E; Trepel M; Körbelin J; Escudero LM; Villadiego J; Echevarría M; de Castro F; Gutiérrez A; Rábano A; Vitorica J; Pascual A	Nature Communications	2021	Non-productive angiogenesis disassembles Aβ plaque-associated blood vessels.	10.1038/s41467-021-23337-z
Álvaro Herrero-Navarro; Lorenzo Puche-Aroca; Verónica Moreno-Juan; Alejandro Sempere-Ferrández; Ana Espinosa; Rafael Susín; Laia Torres-Masjoan; Eduardo Leyva-Díaz; Marisa Karow; María Figueres-Oñate; Laura López-Mascaraque; José P. López-Atalaya; Benedikt Berninger; Guillermina López-Bendito	Science Advances	2021	Astrocytes and neurons share region-specific transcriptional signatures that confer regional identity to neuronal reprogramming	10.1126/sciadv.abe8978
Andreu-Cervera, A.; Catala, M.; Schneider-Maunoury, S.	Neurobiology of Disease	2021	Cilia, ciliopathies and hedgehog-related forebrain developmental disorders	10.1016/j.nbd.2020.105236
Anna Prieto-Colomina; Virginia Fernández; Kaviya Chinnappa; Víctor Borrell	BioEssays	2021	MiRNAs in early brain development and pediatric cancer	10.1002/bies.202100073
Aracil-Marco, A.; Sarabia, J.M.; Pastor, D.; Guillén, S.; López-Grueso, R.; Gallar, J.; Moya-Ramón, M.	Biology	2021	Acute increase in blood α -cgrp at maximal exercise and its association to cardiorespiratory fitness, carbohydrate oxidation and work performed: An exploratory study in young men	10.3390/biology10080783
Araújo, S.J.; Almudi, I.; Bozal-Basterra, L.; Casares, F.; Casas-Tintó, S.; Escalante, A.; García-Moreno, F.; Losada-Pérez, M.; Maeso, I.; Marcon, L.; Ocaña, O.H.; Pampliega, O.; Rada-Iglesias, Á.; Rayon, T.; Sharpe, J.; Sutherland, J.D.; del Campo, C.V.; Barrio, R.	The International journal of developmental biology	2021	Virtual meeting, real and sound science: Report of the 17th Meeting of the Spanish Society for Developmental Biology (SEBD-2020)	10.1387/IJDB.210005RB
Axel Constant; Alexander Daniel Dunsmoir Tschantz; Beren Millidge; Felipe Criado-Boado; Luis M Martínez; Johannes Müller; Andy Clark	Frontiers in Neurobotics	2021	The Acquisition of Culturally Patterned Attention Styles Under Active Inference	10.3389/fnbot.2021.729665
Bragg-Gonzalo, L.; De León Reyes, N.S.; Nieto, M.	Seminars in Cell and Developmental Biology	2021	Genetic and activity dependent-mechanisms wiring the cortex: Two sides of the same coin	10.1016/j.semcdb.2021.05.011
Bueno, C.; Martínez, S.	Neural Regeneration Research	2021	Neurogenesis similarities in different human adult stem cells	10.4103/1673-5374.286967
Bueno, C.; Martínez-Morga, M.; García-Bernal, D.; Moraleda, J.M.; Martínez, S.	Scientific Reports	2021	Differentiation of human adult-derived stem cells towards a neural lineage involves a dedifferentiation event prior to differentiation to neural phenotypes	10.1038/s41598-021-91566-9
Calpe-López, C.; Gasparyan, A.; Navarrete, F.; Manzanares, J.; Miñarro, J.; Aguilar, M.A.	Journal of Psychopharmacology	2021	Cannabidiol prevents priming- and stress-induced reinstatement of the conditioned place preference induced by cocaine in mice	10.1177/0269881120965952
Cárdenas, A.; Borrell, V.	STAR Protocols	2021	A protocol for in ovo electroporation of chicken and snake embryos to study forebrain development	10.1016/j.xpro.2021.100692

Carlos Sánchez-Huertas; Eloísa Herrera	Frontiers in Molecular Neuroscience	2021	With the Permission of Microtubules: An Updated Overview on Microtubule Function During Axon Pathfinding	10.3389/fnmol.2021.759404
Carmena A.	Small GTPases	2021	Non-muscle myosin II activation: adding a classical touch to ROCK	10.1080/21541248.2019.1671148
Carolina Luna.; Susana Quirce; Adolfo Aracil-Marco; Carlos Belmonte; Juana Gallar; M. Carmen Acosta	Frontiers in Medicine	2021	Unilateral Corneal Insult Also Alters Sensory Nerve Activity in the Contralateral Eye	10.3389/fmed.2021.767967
Castro de Moura, M.; Davalos, V.; Planas-Serra, L.; Alvarez-Errico, D.; Arribas, C.; Ruiz, M.; Aguilera-Albesa, S.; Troya, J.; Valencia-Ramos, J.; Vélez-Santamaría, V.; Rodríguez-Palmero, A.; Villar-García, J.; Horcajada, J.P.; Albu, S.; Casasnovas, C.; Rull, A.; Reverte, L.; Dietl, B.; Dalmau, D.; Arranz, M.J.; Lluçà-Carol, L.; Planas, A.M.; Pérez-Tur, J.; Fernandez-Cadenas, I.; Villares, P.; Tenorio, J.; Colobran, R.; Martín-Nalda, A.; Soler-Palacin, P.; Vidal, F.; Pujol, A.; Esteller, M.	EBioMedicine	2021	Epigenome-wide association study of COVID-19 severity with respiratory failure	10.1016/j.ebiom.2021.103339
Cid, E.; Marquez-Galera, A.; Valero, M.; Gal, B.; Medeiros, D.C.; Navarron, C.M.; Ballesteros-Esteban, L.; Reig-Viader, R.; Morales, A.V.; Fernandez-Lamo, I.; Gomez-Dominguez, D.; Sato, M.; Hayashi, Y.; Bayés, Á.; Barco, A.; Lopez-Atalaya, J.P.; de la Prida, L.M.	Cell Reports	2021	Sublayer- and cell-type-specific neurodegenerative transcriptional trajectories in hippocampal sclerosis	10.1016/j.celrep.2021.109229
Company, V.; Andreu-Cervera, A.; Madrugal, M.P.; Andrés, B.; Almagro-García, F.; Chédotal, A.; López-Bendito, G.; Martínez, S.; Echevarría, D.; Moreno-Bravo, J.A.; Puelles, E.	FRONTIERS IN CELL AND DEVELOPMENTAL BIOLOGY	2021	Netrin 1-Mediated Role of the Substantia Nigra Pars Compacta and Ventral Tegmental Area in the Guidance of the Medial Habenular Axons	10.3389/fcell.2021.682067
Company, V.; Moreno-Cerdá, A.; Andreu-Cervera, A.; Murcia-Ramón, R.; Almagro-García, F.; Echevarría, D.; Martínez, S.; Puelles, E.	FRONTIERS IN CELL AND DEVELOPMENTAL BIOLOGY	2021	Wnt1 Role in the Development of the Habenula and the Fasciculus Retroflexus	10.3389/fcell.2021.755729
Cortés-Gómez, M.Á.; Llorens-Álvarez, E.; Alom, J.; del Ser, T.; Avila, J.; Sáez-Valero, J.; García-Ayllón, M.S.	Journal of Neurochemistry	2021	Tau phosphorylation by glycogen synthase kinase 3 β ; modulates enzyme acetylcholinesterase expression	10.1111/jnc.15189
Costa, D.F.; Moita, M.A.; Márquez, C.	Scientific Reports	2021	Novel competition test for food rewards reveals stable dominance status in adult male rats	10.1038/s41598-021-93818-0
Costas-Insua, C.; Moreno, E.; Maroto, I.B.; Ruiz-Calvo, A.; Bajo-Grañeras, R.; Martín-Gutiérrez, D.; Diez-Alarcia, R.; Teresa Vilaró, M.; Cortés, R.; García-Font, N.; Martín, R.; Espina, M.; Botta, J.; Ginés, S.; McCormick, P.J.; Sánchez-Prieto, J.; Galve-Roperh, I.; Mengod, G.; Urigüen, L.; Marsicano, G.; Bellocchio, L.; Canela, E.I.; Casadó, V.; Rodríguez-Crespo, I.; Guzmán, M.	Journal of Neuroscience	2021	Identification of bip as a cb1 receptor-interacting protein that fine-tunes cannabinoid signaling in the mouse brain	10.1523/JNEUROSCI.0821-21.2021
Crawley, O.; Grill, B.	Current Opinion in Neurobiology	2021	Autophagy in axonal and presynaptic development	10.1016/j.conb.2021.03.011
Cuchillo-Ibañez, I.; Lennol, M.P.; Escamilla, S.; Mata-Balaguer, T.; Valverde-Vozmediano, L.; Lopez-Font, I.; Ferrer, I.; Sáez-Valero, J.	Alzheimer s Research and Therapy	2021	The apolipoprotein receptor LRP3 compromises APP levels	10.1186/s13195-021-00921-5
Fernandez-Garcia, J.M.; Carrillo, B.; Tezanos, P.; Collado, P.; Pinos, H.	Metabolites	2021	Genistein during development alters differentially the expression of POMC in male and female rats	10.3390/metabo11050293
Ferrucci, L.; Genovesio, A.; Marcos, E.	PLoS Computational Biology	2021	The importance of urgency in decision making based on dynamic information	10.1371/journal.pcbi.1009455
Flix-Diez, L.; Delicado-Miralles, M.; Gurdíel-Álvarez, F.; Velasco, E.; Galán-Calle, M.; Lara, S.L.	Brain Sciences	2021	Reversed polarity bi-tdcs over m1 during a five days motor task training did not influenced motor learning. A triple-blind clinical trial	10.3390/brainsci11060691
Fons, JM; Ocaña OH; Nieto MA	bioRxiv	2021	The mutual repression between Pax2 and Snail factors regulates the epithelial/mesenchymal state during intermediate mesoderm differentiation	10.1101/2021.06.30.450631
Fuentes-Ramos, M.; Alaiz-Noya, M.; Barco, A.	Neuroscience and Biobehavioral Reviews	2021	Transcriptome and epigenome analysis of engram cells: Next-generation sequencing technologies in memory research	10.1016/j.neubiorev.2021.06.010
García López L; Adrados I; Ferrés Marcó D; Domínguez M	Cells	2021	A Blueprint for Cancer-Related Inflammation and Host Innate Immunity	10.3390/cells10113211
García-Ayllón, M.S.; Moreno-Pérez, O.; García-Arriaza, J.; Ramos-Rincón, J.M.; Cortés-Gómez, M.Á.; Brinkmalm, G.; Andrés, M.; León-Ramírez, J.M.; Boix, V.; Gil, J.; Zetterberg, H.; Esteban, M.; Merino, E.; Sáez-Valero, J.	FASEB Journal	2021	Plasma ACE2 species are differentially altered in COVID-19 patients	10.1096/fj.202100051R
García-Gutiérrez, M.S.; Manzanares, J.; Navarrete, F.	Frontiers in Psychiatry	2021	Editorial: The Search for Biomarkers in Psychiatry	10.3389/fpsy.2021.720411
García-Lopez, R.; Pombero, A.; Estirado, A.; Geijo-Barrientos, E.; Martínez, S.	FRONTIERS IN CELL AND DEVELOPMENTAL BIOLOGY	2021	Interneuron Heterotopia in the Lis1 Mutant Mouse Cortex Underlies a Structural and Functional Schizophrenia-Like Phenotype	10.3389/fcell.2021.693919
Garro-Martínez, E.; Fullana, M.N.; Florensa-Zanuy, E.; Senserrich, J.; Paz, V.; Ruiz-Bronchal, E.; Adell, A.; Castro, E.; Díaz, Á.; Pazos, Á.; Bortolozzi, A.; Pilar-Cuéllar, F.	International Journal of Molecular Sciences	2021	mTOR knockdown in the infralimbic cortex evokes a depressive-like state in mouse	10.3390/ijms22168671

Gasparyan, A.; Navarrete, F.; Manzanares, J.	Frontiers in Pharmacology	2021	Cannabidiol and Sertraline Regulate Behavioral and Brain Gene Expression Alterations in an Animal Model of PTSD	10.3389/fphar.2021.694510
Gasparyan, A.; Navarrete, F.; Manzanares, J.	Neuropharmacology	2021	The administration of sertraline plus naltrexone reduces ethanol consumption and motivation in a long-lasting animal model of post-traumatic stress disorder	10.1016/j.neuropharm.2021.108552
Gasparyan, A.; Navarrete, F.; Rodríguez-Arias, M.; Miñarro, J.; Manzanares, J.	Neurotherapeutics	2021	Cannabidiol Modulates Behavioural and Gene Expression Alterations Induced by Spontaneous Cocaine Withdrawal	10.1007/s13311-020-00976-6
Godoy, P.A.; Mennickent, D.; Cuchillo-Ibáñez, I.; Ramírez-Molina, O.; Silva-Grecchi, T.; Panes-Fernández, J.; Castro, P.; Sáez-Valero, J.; Fuentealba, J.	Biomedicine and Pharmacotherapy	2021	Increased P2×2 receptors induced by amyloid-β; peptide participates in the neurotoxicity in alzheimer's disease	10.1016/j.biopha.2021.111968
Gomez-Marin, A.	Science	2021	Embodying Consciousness	10.1126/science.abm6378
Gomez-Marin, A.	BioEssays	2021	Facing biology's open questions: Rupert Sheldrake's "heretical" hypothesis turns 40	10.1002/bies.202100055
Gomez-Marin, A.	eNeuro	2021	Promisomics and the short-circuiting of mind	10.1523/ENEURO.0521-20.2021
Gonzalez-Cuevas, G.; Garcia-Gutierrez, M.S.; Navarrete, F.; de Guglielmo, G.; Manzanares, J.	Frontiers in Pharmacology	2021	Editorial: Cannabidiol Treatment in Neurotherapeutic Interventions	10.3389/fphar.2021.752292
González-Portilla, M.; Montagud-Romero, S.; Navarrete, F.; Gasparyan, A.; Manzanares, J.; Miñarro, J.; Rodríguez-Arias, M.	International Journal of Molecular Sciences	2021	Pairing binge drinking and a high-fat diet in adolescence modulates the inflammatory effects of subsequent alcohol consumption in mice	10.3390/ijms22105279
Gradari, S.; Herrera, A.; Tezanos, P.; Fontán-Lozano, Á.; Pons, S.; Trejo, J.L.	Journal of Neuroscience	2021	The role of Smad2 in adult neuroplasticity as seen through hippocampal-dependent spatial learning/memory and neurogenesis	10.1523/JNEUROSCI.2619-20.2021
Hirota, Y.; Ohtaka-Maruyama, C.; Borrell, V.	FRONTIERS IN CELL AND DEVELOPMENTAL BIOLOGY	2021	Editorial: The Extracellular Environment in Controlling Neuronal Migration During Neocortical Development	10.3389/fcell.2021.673825
Javier Alegre-Cortés; María Sáez; Roberto Montanari; Ramón Reig	eLife	2021	Medium spiny neurons activity reveals the discrete segregation of mouse dorsal striatum	10.7554/eLife.60580
Jose De Andrés; Francisco Navarrete-Rueda; Gustavo Fabregat; Maria Salud García-Gutiérrez; Vincente Monsalve-Dolz; Anushik Harutyunyan; Ana Mínguez-Martí; Raquel Rodríguez-Lopez; Jorge Manzanares	Neuromodulation	2021	Differences in Gene Expression of Endogenous Opioid Peptide Precursor, Cannabinoid 1 and 2 Receptors and Interleukin Beta in Peripheral Blood Mononuclear Cells of Patients With Refractory Failed Back Surgery Syndrome Treated With Spinal Cord Stimulation: Markers of Therapeutic Outcomes?	10.1111/ner.13111
Juarez Carreño, Sergio; Vallejo, Diana; Carranza-Valencia, Juan; Palomino-Schätzlein, Martina; Ramon-Caeñellas, Pol; Santoro, Roberto; de Hartog, Emily; Ferrer-Marco, Dolores; Romero, Aitana; Peterson, Hannah; Ballesta-Illan, Esther; Pineda-Lucena, Antonio; Dominguez, Maria; Morante, Javier Kitazawa, T.; Machlab, D.; Joshi, O.; Maiorano, N.; Kohler, H.; Ducret, S.; Kessler, S.; Gezelius, H.; Sonesson, C.; Papasaikas, P.; López-Bendito, G.; Stadler, M.B.; Rijli, F.M.	Cell Reports	2021	Body-fat sensor triggers ribosome maturation in the steroidogenic gland to initiate sexual maturation in Drosophila	10.1016/j.celrep.2021.109830
Koelewijn, A.D.; Audu, M.; del-Ama, A.J.; Colucci, A.; Font-Llagunes, J.M.; Gogeochea, A.; Hnat, S.K.; Makowski, N.; Moreno, J.C.; Nandor, M.; Quinn, R.; Reichenbach, M.; Reyes, R.D.; Sartori, M.; Soekadar, S.; Triolo, R.J.; Vermehren, M.; Wenger, C.; Yavuz, U.S.; Fey, D.; Beckerle, P.	Nature Genetics	2021	A unique bipartite Polycomb signature regulates stimulus-response transcription during development	10.1038/s41588-021-00789-z
Laura J Wagstaff; Jose A Gomez-Sanchez; Shaline V Fazal; Georg W Otto; Alastair M Kilpatrick; Kirolos Michael; Liam YN Wong; Ki H Ma; Mark Turmaine; John Svaren; Tessa Gordon; Peter Arthur-Farraj; Sergio Velasco-Aviles; Hugo Cabedo; Cristina Benito; Rhona Mirsky; Kristjan R Jessen	Frontiers in Neurobotics	2021	Adaptation Strategies for Personalized Gait Neuroprosthetics	10.3389/fnbot.2021.750519
López-González, L.; Alonso, A.; García-Calero, E.; de Puelles, E.; Puelles, L.	eLife	2021	Failures of nerve regeneration caused by aging or chronic denervation are rescued by restoring Schwann cell c-Jun	10.7554/eLife.62232
López-Madrona V J; Canals S	FRONTIERS IN CELL AND DEVELOPMENTAL BIOLOGY	2021	Tangential Intrahypothalamic Migration of the Mouse Ventral Premamillary Nucleus and Fgf8 Signaling	10.3389/fcell.2021.676121
Luna C; Mizerska K; Quirce S; Belmonte C; Gallar J; Acosta MC; Meseguer V	Biology	2021	Functional Interactions between Entorhinal Cortical Pathways Modulate Theta Activity in the Hippocampus	10.3390/biology10080692
Manzanero-Ortiz, S.; de Torres-Jurado, A.; Hernández-Rojas, R.; Carmena, A.	Investigative Ophthalmology and Visual Science	2021	Sodium Channel Blockers Modulate Abnormal Activity of Regenerating Nociceptive Corneal Nerves After Surgical Lesion	10.1167/IOVS.62.1.2
Maria Pilar Madrigal; Sandra Jurado	International Journal of Molecular Sciences	2021	Pilot ma screen in drosophila neural stem cell lineages to identify novel tumor suppressor genes involved in asymmetric cell division	10.3390/ijms222111332
Marta Ximenis; José Mulet; Salvador Sala; Francisco Sala; Manuel; Criado; Rosario González-Muñiz; María Jesús Pérez de Vega	Communications Biology	2021	Specification of oxytocinergic and vasopressinergic circuits in the developing mouse brain	10.1038/s42003-021-02110-4
	International Journal of Molecular Sciences	2021	Natural polyhydroxy flavonoids, curcuminoids, and synthetic curcumin analogs as α7 nAChRs positive allosteric modulators	10.3390/ijms22020973

Martini, F.J.; Guillaumon-Vivancos, T.; Moreno-Juan, V.; Valdeolmillos, M.; López-Bendito, G.	Neuron	2021	Spontaneous activity in developing thalamic and cortical sensory networks	10.1016/j.neuron.2021.06.026
Miguel Delicado-Miralles; Enrique Velasco; Ariadna Díaz-Tahoces; Juana Gallar; M. Carmen Acosta; Adolfo Aracil-Marco	Frontiers in Medicine	2021	Deciphering the Action of Perfluoroheptyloctane Eye Drops to Reduce Ocular Discomfort and Pain	10.3389/fmed.2021.709712
Mirete, M.; Molina, S.; Villada, C.; Hidalgo, V.; Salvador, A.	Anales de Psicología	2021	Subclinical social anxiety in healthy young adults: Cortisol and subjective anxiety in response to acute stress Ansiedad social subclínica en adultos jóvenes sanos: Cortisol y ansiedad subjetiva en respuesta a estrés agudo	10.6018/analesps.483411
Mohammadi, P.; Nilforoushzadeh, M.A.; Youssef, K.K.; Sharifi-Zarchi, A.; Moradi, S.; Khosravani, P.; Aghdami, R.; Taheri, P.; Hosseini Salekdeh, G.; Baharvand, H.; Aghdami, N.	JOURNAL OF DERMATOLOGICAL SCIENCE	2021	Defining microRNA signatures of hair follicular stem and progenitor cells in healthy and androgenic alopecia patients	10.1016/j.jdermsci.2020.11.002
Monge-García, V.; García-Ayllón, M.S.; Sáez-Valero, J.; Sánchez-Payá, J.; Navarrete-Rueda, F.; Manzanares-Robles, J.; Gasparini-Berenguer, R.; Romero-Lorenzo, R.; Cortés-Gómez, M.A.; Monge-Argilés, J.A.	Medicina (Kaunas, Lithuania)	2021	Relation between alpha-synuclein and core csf biomarkers of alzheimer’s disease	10.3390/medicina57090954
Morcuende, A.; Navarrete, F.; Nieto, E.; Manzanares, J.; Femenia, T.	Biomolecules	2021	Inflammatory biomarkers in addictive disorders	10.3390/biom11121824
Murillo, A.; Navarro, A.I.; Puelles, E.; Zhang, Y.; Petros, T.J.; Pérez-Otaño I	Cerebral Cortex	2021	Temporal Dynamics and Neuronal Specificity of Grin3a Expression in the Mouse Forebrain	10.1093/cercor/bhaa330
Navarrete, F.; García-Gutiérrez, M.S.; Gasparyan, A.; Austrich-Olivares, A.; Manzanares, J.	Frontiers in Pharmacology	2021	Role of Cannabidiol in the Therapeutic Intervention for Substance Use Disorders	10.3389/fphar.2021.626010
Navarrete, F.; García-Gutiérrez, M.S.; Gasparyan, A.; Navarro, D.; Manzanares, J.	Biomolecules	2021	CB2 receptor involvement in the treatment of substance use disorders	10.3390/biom11111556
Navarro-Mateu, F.; Husky, M.; Cayuela-Fuentes, P.; Álvarez, F.J.; Roca-Vega, A.; Rubio-Aparicio, M.; Chirlaque, M.D.; Cayuela, M.L.; Martínez, S.; Sánchez-Meca, J.	Addiction	2021	The association of telomere length with substance use disorders: a systematic review and meta-analysis of observational studies	10.1111/add.15312
Pedragosa, J.; Mercurio, D.; Oggioni, M.; Marquez-Kisinousky, L.; de Simoni, M.G.; Planas, A.M.	Experimental Neurology	2021	Mannose-binding lectin promotes blood-brain barrier breakdown and exacerbates axonal damage after traumatic brain injury in mice	10.1016/j.expneurol.2021.113865
Peña del Castillo, J.G.; Segura-Chama, P.; Rincón-Heredia, R.; Millán-Aldaco, D.; Giménez-Molina, Y.; Villanueva, J.; Gutiérrez, L.M.; Hernández-Cruz, A.	Pflugers Archiv European Journal of Physiology	2021	Development of the hypersecretory phenotype in the population of adrenal chromaffin cells from prehypertensive SHR	10.1007/s00424-021-02614-2
Perez-Otaño I; Barco A; Wesseling JF; Briz V.	eLife	2021	Control of protein synthesis and memory by GluN3A-NMDA receptors through inhibition of GIT1/mTORC1 assembly	10.7554/eLife.71575
Purificación Ordás; Pablo Hernández-Ortego; Hugo Vara; Carlos Fernández-Peña; Alfonso Reimúndez; Cruz Morenilla-Palao; Ana Guadaño-Ferraz; Ana Gomis; Mark Hoon; Félix Viana; Rosa Señaris	Journal of Comparative Neurology	2021	Expression of the cold thermoreceptor TRPM8 in rodent brain thermoregulatory circuits	10.1002/cne.24694
Rafael Millán-Pascual; Luis M. Martínez; Diego Alonso-Pablos; Manuel J. Blanco; Felipe Criado-Boado	Trabajos de Prehistoria	2021	Materialidades, espacio, pensamiento: arqueología de la cognición visual	10.3989/tp.2021.12262
Ramon Reig	Neuroscience	2021	GABA B receptors: modulation of thalamocortical dynamics and synaptic plasticity	10.1016/j.neuroscience.2020.03.011
Rivera, B.; Moreno, C.; Lavanderos, B.; Hwang, J.Y.; Fernández-Trillo, J.; Park, K.S.; Orío, P.; Viana, F.; Madrid, R.; Pertusa, M.	Journal of Neuroscience	2021	Constitutive phosphorylation as a key regulator of trpm8 channel function	10.1523/JNEUROSCI.0345-21.2021
Robin J Vigouroux; Karine Duroure; Juliette Vouigny; Shahad Albadri; Peter Kozulin; Eloisa Herrera; Kim Nguyen-Ba-Charvet; Ingo Braasch; Rodrigo Suárez; Filippo Del Bene; Alain Chédotal	SCIENCE	2021	Bilateral visual projections exist in non-teleost bony fish and predate the emergence of tetrapods	10.1126/science.abe7790
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