Fisa de verificare a îndeplinirii standardelor minimale naționale

Tudor C. Badea – Dosar Abilitare

Criterii CSII Naționale pentru Comisia Medicina conform anexei Nr. 20 la Ordinul Ministrului Educației Naționale si Cercetării Științifice Nr. 6.129 din 20 Decembrie 2016:

Gradul	Articole ISI Autor Principal	Articole ISI Coautor	Index Hirsch	FCIAP – ISI Factor cumulat de impact autor principal
Criterii / CSI/profesor Universitar/Abilitare	10	5	6	10
Tudor Badea (14/05/2021) Web of science Researcher ID = B-1654-2018	29 (Prim autor 11 Ultim autor 16 Corespondent 2)	27	27	166.795

Mai jos, tabele pentru lucrari ca si prim autor, autor corespondent, ultim autor si co-autor.
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Data: 13/01/2022 Semnatura:

Lucrari in Jurnale ISI Prim autor

Nr.	Titlu	Autori	Jurnal	IF la Publicare	Anul	DOI	WOS	Citatii	Quartila
1	Molecular cloning and characterization of RGC-32, a novel gene induced by complement activation in oligodendrocytes	Badea, TC; Niculescu, FI; Soane, L; Shin, ML; Rus, H	J OF BIOLOGICAL CHEMISTRY	7.199	1998	10.1074/jbc.273.41.26977	000076373300101	80	Q1
			https://doi.org/10.1074/jbc.273.41.26977						
2	Calcium imaging of epileptiform events with single-cell resolution	Badea, T; Goldberg, J; Mao, BQ; Yuste, R	J OF NEUROBIOLOGY	3.304	2001	10.1002/neu.1052	000170474000004	50	Q1
			https://doi.org/10.1002/neu.1052						
3	RGC-32 increases p34(CDC2) kinase activity and entry of aortic smooth muscle cells into S-phase	Badea, T; Niculescu, F; Soane, L; Fosbrink, M; Sorana, H; Rus, V; Shin, ML; Rus, H	J OF BIOLOGICAL CHEMISTRY	6.696	2002	10.1074/jbc.M109354200	000173087900067	93	Q1
			https://doi.org/10.1074/jbc.m109354200						
4	A noninvasive genetic/pharmacologic strategy for visualizing cell morphology and clonal relationships in the mouse	Badea, TC; Wang, YS; Nathans, J	J OF NEUROSCIENCE	8.306	2003	10.1523/JNEUROSCI.23-06-02314.2003.	000181776900037	187	Q1
			https://doi.org/10.1523/jneurosci.23-06-02314.2003						
5	Sublytic terminal complement attack induces c-fos transcriptional activation in myotubes	Badea, TD; Park, JH; Soane, L; Niculescu, T; Niculescu, F; Rus, H; Shin, ML	J OF NEUROIMMUNOLOGY	3.054	2003	10.1016/S0165-5728(03)00261-3	000185967900006	10	Q2
			https://doi.org/10.1016/s0165-5728(03)00261-3						
6	Quantitative analysis of neuronal morphologies in the mouse retina visualized by using a genetically directed reporter	Badea, TC; Nathans, J	J OF COMPARATIVE NEUROLOGY	3.672	2004	10.1002/cne.20304	000225562400001	184	Q1
			https://doi.org/10.1002/cne.20304						
7	Order from disorder: Self-organization in mammalian hair patterning	Wang, Yanshu; Badea, Tudor; Nathans, Jeremy	PNAS	9.643	2006	10.1073/pnas.0609712104	000243285500036	67	Q1
			https://doi.org/10.1073/pnas.0609712104						
8	Distinct Roles of Transcription Factors Brn3a and Brn3b in Controlling the Development, Morphology, and Function of Retinal Ganglion Cells	Badea, Tudor C.; Cahill, Hugh; Ecker, Jen; Hattar, Samer; Nathans, Jeremy	NEURON	13.26	2009	10.1016/j.neuron.2009.01.020	000264741400007	173	Q1
			https://doi.org/10.1016/j.neuron.2009.01.020						

9	New Mouse Lines for the Analysis of Neuronal Morphology Using CreER(T)/loxP-Directed Sparse Labeling	Badea, Tudor C.; Hua, Zhong L.; Smallwood, Philip M.; Williams, John; Rotolo, Thomas; Ye, Xin; Nathans, Jeremy	PLOS ONE https://doi.org/10.1371/journal.pone.0007859	4.351	2009	10.1371/journal.pone.0007859	000271851000013	61	Q1
10	Morphologies of mouse retinal ganglion cells expressing transcription factors Brn3a, Brn3b, and Brn3c: Analysis of wild type and mutant cells using genetically-directed sparse labeling	Badea, Tudor Constantin; Nathans, Jeremy	VISION RESEARCH https://doi.org/10.1016/j.visres.2010.08.039	2.414	2011	10.1016/j.visres.2010.08.039	000286716100008	65	Q2
11	Combinatorial Expression of Brn3 Transcription Factors in Somatosensory Neurons: Genetic and Morphologic Analysis	Badea, Tudor Constantin; Williams, John; Smallwood, Philip; Shi, Melody; Motajo, Oluwaseyi; Nathans, Jeremy	JOURNAL OF NEUROSCIENCE https://doi.org/10.1523/jneurosci.4755-11.2012	6.908	2012	10.1523/JNEUROSCI.4755-11.2012	000299324900025	56	Q1

Ref 7 = prim co-autor

Lucrari in Jurnale ISI Autor Corespondent (dar nu ultim)

Nr.	Titlu	Autori	Jurnal	IF la Publicare	Anul	DOI	WOS	Citatii	Quartila
1	Photoentrainment and pupillary light reflex are mediated by distinct populations of ipRGCs	Chen, S. -K.; Badea, T. C.; Hattar, S.	NATURE https://doi.org/10.1038/nature10206	36.28	2011	10.1038/nature10206	000293447300036	246	Q1
2	Modulation of Cellular Reactivity for Enhanced Cell-Based Biosensing	Gheorghiu, Mihaela; Stanica, Luciana; Polonschii, Cristina; David, Sorin; Ruckenstein, Andrei; Popescu, Octavian; Badea, Tudor; Gheorghiu, Eugen	ANALYTICAL CHEMISTRY https://doi.org/10.1021/acs.analchem.9b03217	6.986	2020	10.1021/acs.analchem.9b03217	000506719400069	4	Q1

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Nr.	Titlu	Autori	Jurnal	IF la Publicare	Anul	DOI		Citatii	Quartila
1	Genetic Interactions between Brn3 Transcription Factors in Retinal Ganglion Cell Type Specification	Shi, Melody; Kumar, Sumit R.; Motajo, Oluwaseyi; Kretschmer, Friedrich; Mu, Xiuqian; Badea, Tudor C.	PLOS ONE https://doi.org/10.1371/journal.pone.0076347	3.534	2013	10.1371/journal.pone.0076347	000325552200051	28	Q1
2	Dre - Cre Sequential Recombination Provides New Tools for Retinal Ganglion Cell Labeling and Manipulation in Mice	Sajgo, S; Ghinia, MG; Shi, M; Liu, P; Dong, L; Parmhans, N; Popescu, O; Badea, TC	PLOS ONE https://doi.org/10.1371/journal.pone.0091435	3.234	2014	10.1371/journal.pone.0091435	000332485800136	18	Q1

Nr.	Titlu	Autori	Jurnal	IF la Publicare	Anul	DOI		Citatii	Quartila
3	A system to measure the Optokinetic and Optomotor response in mice	Kretschmer, Friedrich; Sajgo, Szilard; Kretschmer, Viola; Badea, Tudor C.	J OF NEUROSCIENCE METHODS	2.053	2015	10.1016/j.jneumeth.2015.08.007	000366618400010	35	Q3
			https://doi.org/10.1016/j.jneumeth.2015.08.007						
4	Dynamic expression of transcription factor Brn3b during mouse cranial nerve development	Sajgo, Szilard; Ali, Seid; Popescu, Octavian; Badea, Tudor Constantin	J OF COMPARATIVE NEUROLOGY	3.266	2016	10.1002/cne.23890	000369153400008	12	Q1
			https://doi.org/10.1002/cne.23890						
5	Novel Heterotypic Rox Sites for Combinatorial Dre Recombination Strategies	Chuang, Katherine; Nguyen, Eileen; Sergeev, Yuri; Badea, Tudor C.	G3-GENES GENOMES GENETICS	2.861	2016	10.1534/g3.115.025841	000371831000007	12	Q2
			https://doi.org/10.1534/g3.115.025841						
6	Robust Spike Sorting of Retinal Ganglion Cells Tuned to Spot Stimuli	Ghahari, Alireza; Badea, Tudor C.	2016 38TH ANNUAL INTERNATIONAL CONFERENCE OF THE IEEE ENGINEERING IN MEDICINE AND BIOLOGY SOCIETY (EMBC)	n/a	2016	10.1109/EMBC.2016.7591054	000399823502031	1	n/a
			https://doi.org/10.1109/embc.2016.7591054						
7	Molecular codes for cell type specification in Brn3 retinal ganglion cells	Sajgo, Szilard; Ghinia, Miruna Georgiana; Brooks, Matthew; Kretschmer, Friedrich; Chuang, Katherine; Hiriyanna, Suja; Wu, Zhijian; Popescu, Octavian; Badea, Tudor Constantin	PNAS	9.504	2017	10.1073/pnas.1618551114	000401314700015	34	Q1
			https://doi.org/10.1073/pnas.1618551114						
8	Comparison of optomotor and optokinetic reflexes in mice	Kretschmer, Friedrich; Tariq, Momina; Chatila, Walid; Wu, Beverly; Badea, Tudor Constantin	J OF NEUROPHYSIOLOGY	2.502	2017	10.1152/jn.00055.2017	000405345300028	31	Q3
			https://doi.org/10.1152/jn.00055.2017						
9	Postnatal developmental dynamics of cell type specification genes in Brn3a/Pou4f1 Retinal Ganglion Cells	Muzyka, Vladimir Vladimirovich; Brooks, Matthew; Badea, Tudor Constantin	NEURAL DEVELOPMENT	2.317	2018	10.1186/s13064-018-0110-0	000436823300001	8	Q2
			https://doi.org/10.1186/s13064-018-0110-0						
10	Characterization of retinal ganglion cell, horizontal cell, and amacrine cell types expressing the neurotrophic receptor tyrosine kinase Ret	Parmhans, Nadia; Sajgo, Szilard; Niu, Jingwen; Luo, Wenqin; Badea, Tudor Constantin	J OF COMPARATIVE NEUROLOGY	3.239	2018	10.1002/cne.24367	000419829600010	7	Q1
			https://doi.org/10.1002/cne.24367						

Nr.	Titlu	Autori	Jurnal	IF la Publicare	Anul	DOI		Citatii	Quartila
11	Identification of Retinal Ganglion Cell Firing Patterns Using Clustering Analysis Supplied with Failure Diagnosis	Ghahari, Alireza; Kumar, Sumit R.; Badea, Tudor C.	INTERNATIONAL JOURNAL OF NEURAL SYSTEMS	6.4	2018	10.1142/S0129065718500089	000442776900001	2	Q1
			https://doi.org/10.1142/s0129065718500089						
12	Differential expression and subcellular localization of Copines in mouse retina	Goel, Manvi; Li, Tiansen; Badea, Tudor C.	J OF COMPARATIVE NEUROLOGY	2.801	2019	10.1002/cne.24684	000476915800003	3	Q1
			https://doi.org/10.1002/cne.24684						
13	Retinal ganglion cell defects cause decision shifts in visually evoked defense responses	Lees, RN; Akbar, AF and Badea, TC	J OF NEUROPHYSIOLOGY	2.714	2020	10.1152/jn.00474.2019	000630435200011	0	Q3
			https://doi.org/10.1152/jn.00474.2019						
14	Identification of retinal ganglion cell types and brain nuclei expressing the transcription factor Brn3c/Pou4f3 using a Cre recombinase knock-in allele	Parmhans N,Fuller AD, Nguyen E, Chuang K, Swygart DI, Wienbar SR, Lin T, Kozmik Z, Dong L, Schwartz GW, Badea TC	J OF COMPARATIVE NEUROLOGY	3.215	2021	10.1002/cne.25065	000587888900001	1	Q1
			https://doi.org/10.1002/cne.25065						
15	Genetic interplay between transcription factor Pou4f1/Brn3a and neurotrophin receptor Ret in retinal ganglion cell type specification	Muzyka VV; badea TC	NEURAL DEVELOPMENT	3.842	2021	10.1186/s13064-021-00155-z	000697666700001	0	Q2
			https://doi.org/10.1186/s13064-021-00155-z						
16	Molecular studies into cell biological role of Copine-4 in Retinal Ganglion Cells	Goel M, Aponte AM, Wistow G, Badea TC	PLOSOne	3.24	2021	10.1371/journal.pone.0255860	000735928900003	0	Q2
			https://doi.org/10.1371/journal.pone.0255860						
			FCIAP = Suma FI Autor Principal	**166.795**		**Quartila 1 Autor principal total**			**19**
						Quartila 2 Autor principal total			**6**

Lucrari in Jurnale ISI Coautor

Nr.	Titlu	Autori	Journal	IF la Publicare	Anul	DOI	WOS	Citatii	Quartila
1	Terminal complement complexes induce cell cycle entry in oligodendrocytes through mitogen activated protein kinase pathway	Rus, H; Niculescu, F; Badea, T; Shin, ML	IMMUNOPHARMACOLOGY	1.173	1997	10.1016/S0162-3109(97)00063-5	000071614100021	34	Q3
			https://doi.org/10.1016/s0162-3109(97)00063-5						
2	Sublytic terminal complement attack on myotubes decreases the expression of mRNAs encoding muscle-specific proteins	Lang, TJ; Badea, TC; Wade, R; Shin, ML	JOURNAL OF NEUROCHEMISTRY	4.234	1997	10.1046/j.1471-4159.1997.68041581.x	A1997WN85800027	21	Q1
			https://doi.org/10.1046/j.1471-4159.1997.68041581.x						
3	Sublytic C5b-9 induces proliferation of human aortic smooth muscle cells - Role of mitogen activated protein kinase and phosphatidylinositol 3-kinase	Niculescu, F; Badea, T; Rus, H	ATHEROSCLEROSIS	2.877	1999	10.1016/S0021-9150(98)00185-3	000077744700004	93	Q1
			https://doi.org/10.1016/s0021-9150(98)00185-3						
4	Tyrosine phosphorylation and activation of Janus kinase 1 and STAT3 by sublytic C5b-9 complement complex in aortic endothelial cells	Niculescu, F; Soane, L; Badea, T; Shin, M; Rus, H	IMMUNOPHARMACOLOGY	1.43	1999	10.1016/S0162-3109(99)00014-4	000080957800022	29	Q2
			https://doi.org/10.1016/s0162-3109(99)00014-4						
5	Overexpression of RGC-32 in colon cancer and other tumors	Fosbrink, M; Cudrici, C; Niculescu, F; Badea, TC; David, S; Shamsuddin, A; Shin, ML; Rus, H	EXPERIMENTAL AND MOLECULAR PATHOLOGY	2.089	2005	10.1016/j.yexmp.2004.11.001	000228006100004	49	Q2
			https://doi.org/10.1016/j.yexmp.2004.11.001						
6	Melanopsin cells are the principal conduits for rod-cone input to non-image-forming vision	Gueler, Ali D.; Ecker, Jennifer L.; Lall, Gurprit S.; Haq, Shafiqul; Altimus, Cara M.; Liao, Hsi-Wen; Barnard, Alun R.; Cahill, Hugh; Badea, Tudor C.; Zhao, Haiqing; Hankins, Mark W.; Berson, David M.; Lucas, Robert J.; Yau, King-Wai; Hattar, Samer	NATURE	31.434	2008	10.1038/nature06829	000255398800047	527	Q1
			https://doi.org/10.1038/nature06829						
7	Norrin, Frizzled-4, and Lrp5 Signaling in Endothelial Cells Controls a Genetic Program for Retinal Vascularization	Ye, Xin; Wang, Yanshu; Cahill, Hugh; Yu, Minzhong; Badea, Tudor C.; Smallwood, Philip M.; Peachey, Neal S.; Nathans, Jeremy	CELL	32.403	2009	10.1016/j.cell.2009.07.047	000270857500013	265	Q1
			https://doi.org/10.1016/j.cell.2009.07.047						
8	Transmembrane semaphorin signalling controls laminar stratification in the mammalian retina	Matsuoka, Ryota L.; Nguyen-Ba-Charvet, Kim T.; Parray, Aijaz; Badea, Tudor C.; Chedotal, Alain; Kolodkin, Alex L.	NATURE	36.28	2011	10.1038/nature09675	000287144200044	144	Q1
			https://doi.org/10.1038/nature09675						

Nr.	Titlu	Autori	Journal	IF la Publicare	Anul	DOI	WOS	Citatii	Quartila
9	Class 5 Transmembrane Semaphorins Control Selective Mammalian Retinal Lamination and Function	Matsuoka, Ryota L.; Chivatakarn, Onanong; Badea, Tudor C.; Samuels, Ivy S.; Cahill, Hugh; Katayama, Kei-ichi; Kumar, Sumit R.; Suto, Fumikazu; Chedotal, Alain; Peachey, Neal S.; Nathans, Jeremy; Yoshida, Yutaka; Giger, Roman J.; Kolodkin, Alex L.	NEURON	14.736	2011	10.1016/j.neuron.2011.06.009	000293991700010	103	Q1
			https://doi.org/10.1016/j.neuron.2011.06.009						
10	Development of melanopsin-based irradiance detecting circuitry	McNeill, David S.; Sheely, Catherine J.; Ecker, Jennifer L.; Badea, Tudor C.; Morhardt, Duncan; Guido, William; Hattar, Samer	NEURAL DEVELOPMENT	3.703	2011	10.1186/1749-8104-6-8	000290529400001	55	Q1
			https://doi.org/10.1186/1749-8104-6-8						
11	Modality-Based Organization of Ascending Somatosensory Axons in the Direct Dorsal Column Pathway	Niu, Jingwen; Ding, Long; Li, Jian J.; Kim, Hyukmin; Liu, Jiakun; Li, Haipeng; Moberly, Andrew; Badea, Tudor C.; Duncan, Ian D.; Son, Young-Jin; Scherer, Steven S.; Luo, Wenqin	JOURNAL OF NEUROSCIENCE	6.747	2013	10.1523/JNEUROSCI.3429-13.2013	000327019100019	52	Q1
			https://doi.org/10.1523/jneurosci.3429-13.2013						
12	RGC-32 is a novel regulator of the T-lymphocyte cell cycle	Tegla, Cosmin A.; Cudrici, Cornelia D.; Vinh Nguyen; Danoff, Jacob; Kruszewski, Adam M.; Boodhoo, Dallas; Mekala, Armugam P.; Vlaicu, Sonia I.; Chen, Ching; Rus, Violeta; Badea, Tudor C.; Rus, Horea	EXPERIMENTAL AND MOLECULAR PATHOLOGY	2.638	2015	10.1016/j.yexmp.2015.03.011	000354909300002	26	Q2
			https://doi.org/10.1016/j.yexmp.2015.03.011						
13	Requirement for Microglia for the Maintenance of Synaptic Function and Integrity in the Mature Retina	Wang, Xu; Zhao, Lian; Zhang, Jun; Fariss, Robert N.; Ma, Wenxin; Kretschmer, Friedrich; Wang, Minhua; Qian, Hao Hua; Badea, Tudor C.; Diamond, Jeffrey S.; Gan, Wen-Biao; Roger, Jerome E.; Wong, Wai T.	JOURNAL OF NEUROSCIENCE	5.988	2016	10.1523/JNEUROSCI.3575-15.2016	000371145400024	97	Q1
			https://doi.org/10.1523/jneurosci.3575-15.2016						
14	A visual circuit uses complementary mechanisms to support transient and sustained pupil constriction	Keenan, William Thomas; Rupp, Alan C.; Ross, Rachel A.; Somasundaram, Preethi; Hiriyanna, Suja; Wu, Zhijian; Badea, Tudor C.; Robinson, Phyllis R.; Lowell, Bradford B.; Hattar, Samer S.	ELIFE	7.725	2016	10.7554/eLife.15392	000387034200001	46	Q1
			https://doi.org/10.7554/elife.15392						

Nr.	Titlu	Autori	Journal	IF la Publicare	Anul	DOI	WOS	Citatii	Quartila
15	Tamoxifen Provides Structural and Functional Rescue in Murine Models of Photoreceptor Degeneration	Wang, X; Zhao, L; Zhang, Y; Ma, W; Gonzalez, SR.; Fan, J; Kretschmer, F; Badea, TC.; Qian, HH; Wong, WT.	JOURNAL OF NEUROSCIENCE	5.971	2017	10.1523/JNEUROSCI.2717-16.2017	000397819300017	25	Q1
			https://doi.org/10.1523/jneurosci.2717-16.2017						
16	C-terminal phosphorylation regulates the kinetics of a subset of melanopsin-mediated behaviors in mice	Somasundaram, Preethi; Wyrick, Glenn R.; Fernandez, Diego Carlos; Ghahari, Alireza; Pinhal, Cindy M.; Richardson, Melissa Simmonds; Rupp, Alan C.; Cui, Lihong; Wu, Zhijian; Brown, R. Lane; Badea, Tudor Constantin; Hattar, Samer; Robinson, Phyllis R.	PNAS	9.504	2017	10.1073/pnas.1611893114	000395511400092	18	Q1
			https://doi.org/10.1073/pnas.1611893114						
17	RGC-32 Promotes Th17 Cell Differentiation and Enhances Experimental Autoimmune Encephalomyelitis	Rus, Violeta; Nguyen, Vinh; Tatomir, Alexandru; Lees, Jason R.; Mekala, Armugam P.; Boodhoo, Dallas; Tegla, Cosmin A.; Luzina, Irina G.; Antony, Paul A.; Cudrici, Cornelia D.; Badea, Tudor C.; Rus, Horea G.	J OF IMMUNOLOGY	4.539	2017	10.4049/jimmunol.1602158	000401137200011	11	Q2
			https://doi.org/10.4049/jimmunol.1602158						
18	RGC-32 regulates reactive astrocytosis and extracellular matrix deposition in experimental autoimmune encephalomyelitis	Tatomir, Alexandru; Tegla, Cosmin A.; Martin, Alvaro; Boodhoo, Dallas; Vinh Nguyen; Sugarman, Adam J.; Mekala, Armugam; Anselmo, Freidrich; Talpos-Caia, Anamaria; Cudrici, Cornelia; Badea, Tudor C.; Rus, Violeta; Rus, Horea	IMMUNOLOGIC RESEARCH	2.61	2018	10.1007/s12026-018-9011-x	000444004300001	10	Q3
			https://doi.org/10.1007/s12026-018-9011-x						
19	Essential Roles of Tbr1 in the Formation and Maintenance of the Orientation-Selective J-RGCs and a Group of OFF-Sustained RGCs in Mouse	Kiyama, T; Long, Y; Chen, CK; Whitaker, CM.; Shay, A; Wu, H; Badea, TC.; Mohsenin, A; Parker-Thornburg, J; Klein, WH.; Mills, SL; Massey, SC.; Mao, CA	CELL REPORTS	8.109	2019	10.1016/j.celrep.2019.03.077	000464652000023	5	Q1
			https://doi.org/10.1016/j.celrep.2019.03.077						
20	Brn3a and Brn3b Knockout Mice Display Unvaried Retinal Fine Structure Despite Major Morphological and Numerical Alterations of Ganglion Cells	Ghinia, Miruna Georgiana; Novelli, Elena; Sajgo, Szilard; Badea, Tudor Constantin; Strettoi, Enrica	J OF COMPARATIVE NEUROLOGY	2.801	2019	10.1002/cne.24072	000457345800014	8	Q1
			https://doi.org/10.1002/cne.24072						
21	Cellular sensing platform with enhanced sensitivity based on optogenetic modulation of cell homeostasis	Gheorghiu, M; Stanica, L; Tegla-Ghinia MG.; Polonschii, C; Bratu, D; Popescu, O; Badea, T; Gheorghiu, E	BIOSENSORS & BIOELECTRONICS	10.618	2020	10.1016/j.bios.2019.112003	000519667000005	4	Q1
			https://doi.org/10.1016/j.bios.2019.112003						

Nr.	Titlu	Autori	Journal	IF la Publicare	Anul	DOI	WOS	Citatii	Quartila
22	RGC-32 regulates generation of reactive astrocytes in experimental autoimmune Encephalomyelitis	Tatomir A, Beltrand A, Nguyen V, Boodhoo D, Mekala A, Cudrici C, Badea TC, Muresanu DF, Rus V, Rus H	FRONTIERS IN IMMUNOLOGY	7.561	2021	10.3389/fimmu.2020.608294	000615729000001	1	Q1
			https://doi.org/10.3389/fimmu.2020.608294						
23	Atoh7-independent specification of retinal ganglion cell identity	Brodie-Kommit J, Clark BS, Shi Q, Shiau F, Kim DW, Langel J, Sheely C, Ruzycki PA, Fries M, Javed A, Cayouette M, Schmidt T, Badea T, Glaser T, Zhao H, Singer J, Blackshaw S, Hattar S	SCIENCE ADVANCES	14.143	2021	10.1126/sciadv.abe4983	000628616300018	3	Q1
			https://doi.org/10.1126/sciadv.abe4983						
24	Molecular development of muscle spindle and Golgi tendon organ sensory afferents revealed by single proprioceptor transcriptome analysis	Oliver KM, Florez-Paz DM, Badea TC, Mentis GZ, Menon V, de Nooij JC	NATURE COMMUNICATIONS	14.919	2021	10.1038/s41467-021-21880-3	000626171900001	5	Q1
			https://doi.org/10.1038/s41467-021-21880-3						
25	Characterization of Tbr2-expressing retinal ganglion cells	Chen CK, Kiyama T,Weber N,Whitaker CM,Pan P, Badea TC, Massey SC, Mao CA	J OF COMPARATIVE NEUROLOGY	3.215	2021	10.1002/cne.25208	000674006600001	1	Q1
			https://doi.org/10.1002/cne.25208						
26	RGC-32 acts as a hub to regulate the transcriptomic changes associated with astrocyte development and reactive astrocytosis	Tatomir A, Beltrand A, Nguyen V, Courneya, JP, Boodhoo D, Cudrici C, Muresanu DF, Rus V, Badea TC, Rus H	FRONTIERS IN IMMUNOLOGY	7.561	2021	10.3389/fimmu.2021.705308	000691317000001	0	Q1
			https://doi.org/10.3389/fimmu.2021.705308						
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