

Table 1

Top 100 **first** authors based on weighted total citation

Author	Gender	Journal	Year	wTC	TC	FWCI
Iossifov, Ivan	male	Neuron	2016	465.0	465	9.5
Giraud, Anne-Lise	female	Nature Neuroscience	2016	305.0	305	1.9
Jinek, Martin	male	eLife	2013	127.3	509	11.7
Schafer, Dorothy P.	female	Neuron	2013	123.3	493	8.0
Akerboom, Jasper	male	Journal of Neuroscience	2014	119.0	357	6.5
Donnelly, Christopher J.	male	Neuron	2015	109.0	218	7.1
Baliki, Marwan N.	male	Nature Neuroscience	2015	97.5	195	4.4
Lehmann, Sabrina M.	female	Nature Neuroscience	2015	97.0	194	5.2
Butovsky, Oleg	male	Nature Neuroscience	2014	93.3	280	13.2
Bakker, Arnold	male	Neuron	2015	91.0	182	3.1
Klengel, Torsten	male	Nature Neuroscience	2013	90.5	362	5.8
Hickman, Suzanne E.	female	Nature Neuroscience	2015	89.0	178	6.3
Watabe-Uchida, Mitsuko	female	Neuron	2014	88.0	264	6.6
Kierdorf, Katrin	female	Nature Neuroscience	2014	81.7	245	9.3
Montine, Thomas J.	male	Acta Neuropathologica	2012	81.6	408	14.7
Zhang, Ye; Chen	unkown	Journal of Neuroscience	2013	78.8	315	0.1
Taylor, Michael D.	male	Acta Neuropathologica	2012	77.8	389	3.3
Madisen, Linda	female	Nature Neuroscience	2013	74.3	297	9.4
Crary, John F.	male	Acta Neuropathologica	2015	70.0	140	8.2
Hipp, Joerg F.	male	Nature Neuroscience	2014	64.7	194	2.8
Dulvy, Nicholas K.	male	eLife	2014	64.3	193	5.9
Usoskin, Dmitry	male	Nature Neuroscience	2015	63.0	126	13.7
Bazzini, Ariel A.	male	EMBO Journal	2015	63.0	126	6.1
Settembre, Carmine	male	EMBO Journal	2012	63.0	315	4.4
Griciuc, Ana	female	Neuron	2014	62.3	187	7.5
Dannowski, Udo	male	Biological Psychiatry	2013	62.3	249	2.9
Kool, Marcel	male	Acta Neuropathologica	2013	62.0	248	5.7
Dias, Brian G.	male	Nature Neuroscience	2013	61.0	244	4.8
Montagne, Axel	male	Neuron	2015	60.0	120	3.3
Kravitz, Alexxai V.	male	Nature Neuroscience	2013	59.8	239	3.2
Zamanian, Jennifer L.	female	Journal of Neuroscience	2012	58.0	290	17.7
van Zessen, Ruud	male	Neuron	2014	56.7	170	5.3
Ash, Peter E. A.	male	Neuron	2012	56.2	281	6.3
Leech, Robert	male	Journal of Neuroscience	2014	55.0	165	3.3
Scher, Jose U.	male	eLife	2013	54.0	216	6.7
Miron, Veronique E.	female	Nature Neuroscience	2012	53.8	269	5.3
MacLeod, David A.	male	Neuron	2014	53.7	161	1.4
Yu, Timothy W.	male	Neuron	2014	53.0	159	6.9
Cajigas, Ivan J.	male	Neuron	2014	53.0	159	3.0
Grienberger, Christine	female	Neuron	2013	52.3	209	2.9
Plavina, Tatiana	female	Annals of Neurology	2015	52.0	104	10.7
Bastos, Andre Moraes	male	Neuron	2015	52.0	104	6.1
Lagier-Tourenne, Clotilde	female	Nature Neuroscience	2013	51.0	204	7.0

Sauvageau, Martin	male	eLife	2013	49.8	199	12.9
Iba, Michiyo	unkown	Journal of Neuroscience	2014	49.0	147	6.5
Kraemer, Moritz U. G.	male	eLife	2015	48.5	97	13.0
Brettschneider, Johannes	male	Annals of Neurology	2014	48.0	144	5.5
Ke, Meng-Tsen	female	Nature Neuroscience	2013	47.3	189	5.5
Gapp, Katharina	female	Nature Neuroscience	2013	47.0	188	6.0
Knobloch, H. Sophie	female	Neuron	2012	46.8	234	7.0
Agarwal, Vikram	male	eLife	2013	46.8	187	0.8
Freischmidt, Axel	male	Nature Neuroscience	2015	45.5	91	3.6
Kordasiewicz, Holly B.	female	Neuron	2013	44.8	179	4.9
Balbas, Minna D.	female	eLife	2014	44.7	134	10.3
Jack, Clifford R., Jr.	male	Annals of Neurology	2012	44.6	223	3.5
Young, Kaylene M.	female	Neuron	2013	44.0	176	1.9
Atallah, Bassam V.	male	Neuron	2013	43.5	174	4.6
Garg, Abhishek D.	male	EMBO Journal	2013	43.0	172	5.2
Cole, Michael W.	male	Nature Neuroscience	2012	41.0	205	5.5
Stentoft, Catharina	female	EMBO Journal	2012	41.0	205	4.3
Pigott, David M.	male	eLife	2014	40.0	120	27.6
Bosman, Conrado A.	male	Neuron	2012	40.0	200	3.8
Zarate, Carlos A., Jr.	male	Biological Psychiatry	2012	39.0	195	3.3
Threlfell, Sarah	female	Neuron	2012	37.4	187	3.3
Mendell, Jerry R.	male	Annals of Neurology	2013	37.3	149	3.5
Orenstein, Samantha J.	female	Nature Neuroscience	2013	37.0	148	8.3
Wheaton, William W.	male	eLife	2014	36.0	108	13.8
Guo, Junjie U.	male	Nature Neuroscience	2013	36.0	144	6.4
Dong-Anh Khuong-Quang	female	Acta Neuropathologica	2012	35.6	178	10.0
Zaki, Jamil	male	Nature Neuroscience	2012	35.0	175	1.8
Noble, Kimberly G.	female	Nature Neuroscience	2015	34.5	69	4.7
Kijas, James W.	male	PLoS Biology	2012	34.0	170	2.6
Tan, Kelly R.	female	Neuron	2012	32.4	162	4.2
Faber, Catharina G.	female	Annals of Neurology	2012	32.2	161	2.3
Deplus, Rachel	female	EMBO Journal	2012	32.0	160	3.8
Mouillot, David	male	PLoS Biology	2013	32.0	128	3.3
Hughes, Ethan G.	male	Nature Neuroscience	2013	31.5	126	7.6
McLelland, Gian-Luca	male	EMBO Journal	2013	30.3	121	9.5
Kessler, Ronald C.	male	Biological Psychiatry	2012	30.2	151	3.8
Rodgers, Ali B.	unkown	Journal of Neuroscience	2012	29.4	147	7.3
Ziv, Yaniv	male	Nature Neuroscience	2012	29.4	147	4.5
Elmore, Monica R. P.	female	Neuron	2012	29.4	147	4.4
De Jager, Philip L.	male	Nature Neuroscience	2013	29.0	116	5.5
Recasens, Ariadna	female	Annals of Neurology	2013	28.8	115	6.7
Musiek, Erik S.	male	Nature Neuroscience	2014	27.3	82	5.8
Erny, Daniel	male	Nature Neuroscience	2013	27.0	108	7.4
Paz, Jeanne T.	female	Nature Neuroscience	2012	25.4	127	7.8
Cole, Michael W.	male	Neuron	2012	24.6	123	5.5
O'Dushlaine, Colm	male	Nature Neuroscience	2012	20.4	102	10.3

Sojka, Dorothy K.	female	eLife	2012	20.4	102	9.7
Scheres, Sjors H. W.	male	eLife	2012	20.2	101	9.1
Alami, Nael H.	male	Neuron	2012	19.6	98	8.0
Deisseroth, Karl	male	Nature Neuroscience	2013	19.3	77	5.7
Cannon, Tyrone D.	male	Biological Psychiatry	2013	16.5	66	2.4
Sorge, Robert E.	male	Nature Neuroscience	2012	16.2	81	4.1
Herrup, Karl	male	Nature Neuroscience	2012	14.0	70	2.0
Reuss, David E.	male	Acta Neuropathologica	2012	13.8	69	5.0
Khodagholy, Dion	male	Nature Neuroscience	2012	13.0	65	5.5
Tasic, Bosiljka	female	Nature Neuroscience	2013	10.0	40	8.7
Hamid, Arif A.	male	Nature Neuroscience	2012	6.6	33	5.6

FWCI: field-weighted citation impact ; TC: total citation; wTC; weighted total citation

Table 2

Top 100 **first** authors based on weighted total citation

Author	Gender	Journal	Year	wTC	TC	FWCI
Doudna, Jennifer	female	eLife	2013	127.3	509	9.06
Wu, Jia Qian	female	Journal of Neuroscience	2014	105.0	315	9.08
Stevens, Beth	female	NEURON	2012	98.6	493	11.31
Bartel, David P.	female	eLife	2015	93.5	187	9.68
Weiner, Howard L.	male	Nature Neuroscience	2014	93.3	280	4.66
Wigler, Michael	male	NEURON	2012	93.0	465	2.98
Binder, Elisabeth B.	male	Nature Neuroscience	2013	90.5	362	4.26
Hyman, Bradley T.	female	NEURON	2012	89.2	446	4.39
Hyman, Bradley T.	male	Acta Neuropathologica	2012	81.6	408	4.39
Pfister, Stefan M.	male	Acta Neuropathologica	2012	77.8	389	5.97
Looger, Loren L.	male	Journal of Neuroscience	2012	71.4	357	5.52
Petrucelli, Leonard	male	NEURON	2013	70.3	281	5.74
Ffrench-Constant, Charles	male	Nature Neuroscience	2013	67.3	269	3.57
White, William T.	male	eLife	2014	64.3	193	1.49
Ballabio, Andrea	male	EMBO Journal	2012	63.0	315	4.07
Ernfors, Patrik	male	Nature Neuroscience	2015	63.0	126	3.77
Mansuy, Isabelle M.	male	Nature Neuroscience	2014	62.7	188	2.42
Prinz, Marco	female	Nature Neuroscience	2013	61.3	245	3.38
Poepfel, David	male	Nature Neuroscience	2012	61.0	305	2.63
Zlokovic, Berislav V.	male	NEURON	2015	60.0	120	5.48
Zeng, Hongkui	male	Nature Neuroscience	2012	59.4	297	5.4
Barres, Ben A.	female	Journal of Neuroscience	2012	58.0	290	8.28
Scanziani, Massimo	male	Nature Neuroscience	2013	56.8	227	7.02
Rothstein, Jeffrey D.	male	NEURON	2013	54.5	218	5.6
Littman, Dan R.	male	eLife	2013	54.0	216	6.93
Prinz, Marco	male	Nature Neuroscience	2015	54.0	108	3.38
Gross, Cornelius T.	male	Nature Neuroscience	2014	51.7	155	2.38
Braver, Todd S.	male	Nature Neuroscience	2013	51.3	205	4.63
Clausen, Henrik	male	EMBO Journal	2013	51.3	205	2.51
Breen, Gerome	male	Nature Neuroscience	2015	51.0	102	4.58
Kugel, Harald	male	Biological Psychiatry	2012	49.8	249	2.33
Rinn, John L.	male	eLife	2013	49.8	199	12.79
Pfister, Stefan M.	male	Acta Neuropathologica	2012	49.6	248	5.97
Hay, Simon I.	male	eLife	2015	48.5	97	29.39
Scheres, Sjors H. W.	male	eLife	2013	48.3	193	9.11
Kreitzer, Anatol C.	male	Nature Neuroscience	2012	47.8	239	5.76
Nelson, Peter T.	male	Acta Neuropathologica	2014	46.7	140	5.2
Simcoe, Timothy S.	male	PLoS Biology	2015	46.5	93	6.6
Weishaupt, Jochen H.	male	Nature Neuroscience	2015	45.5	91	3.07
Petersen, Ronald C.	male	Annals of NeurologyS	2012	44.6	223	3.88
Janak, Patricia H.	male	Nature Neuroscience	2013	44.5	178	3.09
Richardson, William D.	female	NEURON	2013	44.0	176	4.32
Diamond, Marc I.	male	NEURON	2014	43.3	130	4.9

Giraldez, Antonio J.	male	EMBO Journal	2014	42.0	126	6
Konnerth, Arthur	male	NEURON	2012	41.8	209	2.24
Clevers, Hans	male	EMBO Journal	2012	41.2	206	6.43
Petersen, Steven E.	male	NEURON	2014	41.0	123	7.37
Holtzman, David M.	male	Nature Neuroscience	2015	41.0	82	5.65
Yeo, Gene W.	male	Nature Neuroscience	2012	40.8	204	4.3
Mogil, Jeffrey S.	male	Nature Neuroscience	2015	40.5	81	3.39
Abeliovich, Asa	male	NEURON	2013	40.3	161	4.45
Hay, Simon I.	male	eLife	2014	40.0	120	30.23
Zeng, Hongkui	male	Nature Neuroscience	2016	40.0	40	5.4
Fuks, Francois	male	EMBO Journal	2013	40.0	160	3.14
Tsien, Roger Y.	male	Nature Neuroscience	2013	40.0	160	3.09
Walsh, Christopher A.	female	NEURON	2013	39.8	159	4.8
Lindemann, Lothar	male	NEURON	2012	39.0	195	3.71
Luckenbaugh, David A.	male	Biological Psychiatry	2012	39.0	195	2.77
Livesey, Frederick J.	female	Nature Neuroscience	2012	38.8	194	4.07
Lehnardt, Seija	male	Nature Neuroscience	2012	38.8	194	2.28
Engel, Andreas K.	male	Nature Neuroscience	2012	38.8	194	1.65
Sowell, Elizabeth R.	male	Nature Neuroscience	2015	38.5	77	2.6
Adams, Ortwin	female	Annals of NeurologyS	2014	38.3	115	1.41
Cragg, Stephanie J.	male	NEURON	2012	37.4	187	2.51
Kaye, Edward M.	female	Annals of NeurologyS	2013	37.3	149	7.72
Sperling, Reisa	female	Annals of NeurologyS	2016	37.0	37	5.19
Cuervo, Ana Maria	male	Nature Neuroscience	2013	37.0	148	3.57
Lee, Virginia M-Y	unknown	Journal of Neuroscience	2013	36.8	147	4.69
Schnitzer, Mark J.	female	Nature Neuroscience	2013	36.8	147	4.29
Bale, Tracy L.	male	Journal of Neuroscience	2013	36.8	147	3.35
Seeley, William W.	unknown	NEURON	2012	36.6	183	4.27
Gallagher, Michela	male	NEURON	2012	36.4	182	1.76
Doudna, Jennifer A.	female	eLife	2014	36.3	109	9.1
Trojanowski, John Q.	female	Annals of NeurologyS	2013	36.0	144	5.16
Chandel, Navdeep S.	male	eLife	2014	36.0	108	4.65
Cleveland, Don W.	male	NEURON	2012	35.8	179	3.92
Hawkins, Cynthia	male	Acta Neuropathologica	2012	35.6	178	3.63
Birbaumer, Niels	female	Annals of NeurologyS	2013	35.5	142	1.9
Gold, Joshua I.	male	NEURON	2016	35.0	35	3.3
Ochsner, Kevin	male	Nature Neuroscience	2012	35.0	175	3.28
Vanderhaeghen, Pierre	male	NEURON	2013	35.0	140	2.81
Scanziani, Massimo	male	NEURON	2012	34.8	174	7.02
Akassoglou, Katerina	male	Annals of NeurologyS	2014	34.7	104	3.43
Sulzer, David	male	NEURON	2014	34.7	104	2.74
von Deimling, Andreas	male	Acta Neuropathologica	2015	34.5	69	5.54
Gitler, Aaron D.	female	Nature Neuroscience	2015	34.5	69	4.39
Strittmatter, Stephen M.	female	Nature Neuroscience	2012	34.2	171	2.85
Rubin, Gerald M.	female	eLife	2014	34.0	102	5.75
Rubin, Gerald M.	male	eLife	2014	34.0	102	5.75

Stuber, Garret D.	male	NEURON	2012	34.0	170	4.53
Yokoyama, Wayne M.	male	eLife	2014	34.0	102	4.26
Vosshall, Leslie B.	male	NEURON	2014	34.0	102	4.06
Nowak, Martin A.	female	eLife	2013	34.0	136	2.96
Dalrymple, Brian	male	PLoS Biology	2012	34.0	170	2.24
Church, George M.	male	eLife	2014	33.7	101	6.89
Khakh, Baljit S.	male	Nature Neuroscience	2014	33.7	101	6.06
Lin, Michael Z.	male	Nature Neuroscience	2014	33.7	101	4.19
Sawyers, Charles L.	male	eLife	2013	33.5	134	8.27
Rudy, Bernardo	male	Nature Neuroscience	2013	33.5	134	4.36
Apkarian, A. Vania	unknown	Nature Neuroscience	2012	0.7	3.57	3.55

FWCI: field-weighted citation impact ; TC: total citation; wTC; weighted total citation