Martha J Farah

List of Publications by Year
in descending order

84 papers	13,701 citations	50244 46 h-index	66879 78 g-index
87 all docs	87 docs citations	87 times ranked	10830 citing authors

#	Article	IF	Citations
1	Socioeconomic status and the developing brain. Trends in Cognitive Sciences, 2009, 13, 65-73.	4.0	1,215
2	Socioeconomic status and the brain: mechanistic insights from human and animal research. Nature Reviews Neuroscience, 2010, 11, 651-659.	4.9	1,029
3	Neurocognitive correlates of socioeconomic status in kindergarten children. Developmental Science, 2005, 8, 74-87.	1.3	792
4	Socioeconomic gradients predict individual differences in neurocognitive abilities. Developmental Science, 2007, 10, 464-480.	1.3	790
5	Towards responsible use of cognitive-enhancing drugs by the healthy. Nature, 2008, 456, 702-705.	13.7	705
6	Childhood poverty: Specific associations with neurocognitive development. Brain Research, 2006, 1110, 166-174.	1.1	613
7	Neurocognitive enhancement: what can we do and what should we do?. Nature Reviews Neuroscience, 2004, 5, 421-425.	4.9	546
8	Ventromedial frontal cortex mediates affective shifting in humans: evidence from a reversal learning paradigm. Brain, 2003, 126, 1830-1837.	3.7	539
9	Socioeconomic status and executive function: developmental trajectories and mediation. Developmental Science, 2015, 18, 686-702.	1.3	453
10	The Neuroscience of Socioeconomic Status: Correlates, Causes, and Consequences. Neuron, 2017, 96, 56-71.	3.8	427
11	Effects of bromocriptine on human subjects depend on working memory capacity. NeuroReport, 1997, 8, 3581-3585.	0.6	381
12	Neuropsychological inference with an interactive brain: A critique of the â€œlocalityâ€•assumption. Behavioral and Brain Sciences, 1994, 17, 43-61.	0.4	370
13	Are prescription stimulants â€œsmart pillsâ€? The epidemiology and cognitive neuroscience of prescription stimulant use by normal healthy individuals.. Psychological Bulletin, 2011, 137, 717-741.	5.5	364
14	Dissociated overt and covert recognition as an emergent property of a lesioned neural network.. Psychological Review, 1993, 100, 571-588.	2.7	339
15	The inverted face inversion effect in prosopagnosia: Evidence for mandatory, face-specific perceptual mechanisms. Vision Research, 1995, 35, 2089-2093.	0.7	302
16	A metaâ€•analysis of the relationship between socioeconomic status and executive function performance among children. Developmental Science, 2018, 21, e12529.	1.3	289
17	Neuroethics: the practical and the philosophical. Trends in Cognitive Sciences, 2005, 9, 34-40.	4.0	237
18	Emerging ethical issues in neuroscience. Nature Neuroscience, 2002, 5, 1123-1129.	7.1	222

#	Article	IF	Citations
19	Face perception and within-category discrimination in prosopagnosia. Neuropsychologia, 1995, 33, 661-674.	0.7	213
20	Progress and challenges in probing the human brain. Nature, 2015, 526, 371-379.	13.7	211
21	Associations between children's socioeconomic status and prefrontal cortical thickness. Developmental Science, 2013, 16, 641-652.	1.3	198
22	EARLY COMMITMENT OF NEURAL SUBSTRATES FOR FACE RECOGNITION. Cognitive Neuropsychology, 2000, 17, 117-123.	0.4	194
23	Environmental stimulation, parental nurturance and cognitive development in humans. Developmental Science, 2008, 11, 793-801.	1.3	187
24	Socioeconomic background modulates cognitionâ€“achievement relationships in reading. Cognitive Development, 2006, 21, 349-368.	0.7	160
25	Visual Agnosia. , 2004, , .		159
26	Dissociable elements of human foresight: a role for the ventromedial frontal lobes in framing the future, but not in discounting future rewards. Neuropsychologia, 2005, 43, 1214-1221.	0.7	156
27	Early parental care is important for hippocampal maturation: Evidence from brain morphology in humans. NeuroImage, 2010, 49, 1144-1150.	2.1	156
28	Monitoring and Manipulating Brain Function: New Neuroscience Technologies and Their Ethical Implications. Hastings Center Report, 2004, 34, 35.	0.7	140
29	Socioeconomic status and the brain: prospects for neuroscience-informed policy. Nature Reviews Neuroscience, 2018, 19, 428-438.	4.9	123
30	Objective and subjective cognitive enhancing effects of mixed amphetamine salts in healthy people. Neuropharmacology, 2013, 64, 496-505.	2.0	119
31	Childhood socioeconomic status and executive function in childhood and beyond. PLoS ONE, 2018, 13, e0202964.	1.1	108
32	Personhood and Neuroscience: Naturalizing or Nihilating?. American Journal of Bioethics, 2007, 7, 37-48.	0.5	107
33	Neuroethics: The Ethical, Legal, and Societal Impact of Neuroscience. Annual Review of Psychology, 2012, 63, 571-591.	9.9	101
34	The unknowns of cognitive enhancement. Science, 2015, 350, 379-380.	6.0	101
35	Executive function as a mediator between SES and academic achievement throughout childhood. International Journal of Behavioral Development, 2017, 41, 94-104.	1.3	99
36	Prescription Stimulants' Effects on Healthy Inhibitory Control, Working Memory, and Episodic Memory: A Meta-analysis. Journal of Cognitive Neuroscience, 2015, 27, 1069-1089.	1.1	97

#	Article	IF	Citations
37	Associative Visual Agnosia and Alexia Without Prosopagnosia. Cortex, 1994, 30, 395-411.	1.1	89
38	Neighborhood disadvantage and adolescent stress reactivity. Frontiers in Human Neuroscience, 2012, 6, 277.	1.0	86
39	When we enhance cognition with Adderall, do we sacrifice creativity? A preliminary study. Psychopharmacology, 2009, 202, 541-547.	1.5	84
40	Effect of socioeconomic status (<scp>SES</scp>) disparity on neural development in female Africanâ€American infants at age 1Âmonth. Developmental Science, 2016, 19, 947-956.	1.3	75
41	Mapping the Trajectory of Socioeconomic Disparity in Working Memory: Parental and Neighborhood Factors. Child Development, 2014, 85, 1433-1445.	1.7	72
42	Adolescents with and without gestational cocaine exposure: Longitudinal analysis of inhibitory control, memory and receptive languageâ˜†. Neurotoxicology and Teratology, 2011, 33, 36-46.	1.2	70
43	The Seductive Allure of â€œSeductive Allureâ€• Perspectives on Psychological Science, 2013, 8, 88-90.	5.2	69
44	A Simple Common Contexts Explanation for the Development of Abstract Letter Identities. Neural Computation, 1997, 9, 1277-1289.	1.3	68
45	Childhood socioeconomic status and childhood maltreatment: Distinct associations with brain structure. PLoS ONE, 2017, 12, e0175690.	1.1	65
46	Children with and without gestational cocaine exposure: A neurocognitive systems analysis. Neurotoxicology and Teratology, 2009, 31, 334-341.	1.2	60
47	Brain Images, Babies, and Bathwater: Critiquing Critiques of Functional Neuroimaging. Hastings Center Report, 2014, 44, S19-30.	0.7	57
48	Neuroscience for Educators: What Are They Seeking, and What Are They Finding?. Neuroethics, 2013, 6, 331-341.	1.7	50
49	An Ethics Toolbox for Neurotechnology. Neuron, 2015, 86, 34-37.	3.8	48
50	Functional Magnetic Resonance Imaging and Working Memory in Adolescents with Gestational Cocaine Exposure. Journal of Pediatrics, 2008, 152, 371-377.	0.9	46
51	Brain Imaging and Brain Privacy: A Realistic Concern?. Journal of Cognitive Neuroscience, 2009, 21, 119-127.	1.1	45
52	Cognitive enhancement. Wiley Interdisciplinary Reviews: Cognitive Science, 2014, 5, 95-103.	1.4	42
53	The Puzzle of Neuroimaging and Psychiatric Diagnosis: Technology and Nosology in an Evolving Discipline. AJOB Neuroscience, 2012, 3, 31-41.	0.6	41
54	Law and Neuroscience. Journal of Neuroscience, 2013, 33, 17624-17630.	1.7	40

#	Article	IF	Citations
55	Minds, motherboards, and money: futurism and realism in the neuroethics of BCI technologies. Frontiers in Systems Neuroscience, 2014, 8, 86.	1.2	36
56	Reflections on the past two decades of neuroscience. Nature Reviews Neuroscience, 2020, 21, 524-534.	4.9	35
57	Interactions on the interactive brain. Behavioral and Brain Sciences, 1994, 17, 90-104.	0.4	34
58	Relation of Childhood Home Environment to Cortical Thickness in Late Adolescence: Specificity of Experience and Timing. PLoS ONE, 2015, 10, e0138217.	1.1	32
59	Neuroethics and the Problem of Other Minds: Implications of Neuroscience for the Moral Status of Brain-Damaged Patients and Nonhuman Animals. Neuroethics, 2008, 1, 9-18.	1.7	28
60	Why Does the Somatosensory Homunculus Have Hands Next to Face and Feet Next to Genitals? A Hypothesis. Neural Computation, 1998, 10, 1983-1985.	1.3	20
61	The affective neuroscience of socioeconomic status: implications for mental health. BJPsych Bulletin, 2020, 44, 202-207.	0.7	18
62	Monitoring and manipulating brain function: new neuroscience technologies and their ethical implications. Hastings Center Report, 2004, 34, 35-45.	0.7	17
63	Early childhood poverty and adult executive functioning: Distinct, mediating pathways for different domains of executive functioning. Developmental Science, 2021, 24, e13084.	1.3	16
64	Trust and the poverty trap. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 5327-5329.	3.3	15
65	Mind, Brain, and Education in Socioeconomic Context. , 2010, , 243-256.		15
66	Social, Legal, and Ethical Implications of Cognitive Neuroscience: â€œNeuroethicsâ€•for Short. Journal of Cognitive Neuroscience, 2007, 19, 363-364.	1.1	11
67	Randomized Manipulation of Early Cognitive Experience Impacts Adult Brain Structure. Journal of Cognitive Neuroscience, 2021, 33, 1197-1209.	1.1	11
68	Human brain anatomy reflects separable genetic and environmental components of socioeconomic status. Science Advances, 2022, 8, eabm2923.	4.7	11
69	Guest Editorial. Cambridge Quarterly of Healthcare Ethics, 2014, 23, 124-128.	0.5	9
70	Cognitive Enhancement with Amphetamine: History Repeats Itself. AJOB Neuroscience, 2013, 4, 24-25.	0.6	7
71	Parental education is associated with differential engagement of neural pathways during inhibitory control. Scientific Reports, 2022, 12, 260.	1.6	6
72	SES, Childhood Experience, and the Neural Bases of Cognition. , 0, , 307-318.		4

#	Article	IF	Citations
73	Biological Psychiatry and Socioeconomic Status. Biological Psychiatry, 2019, 86, 877-878.	0.7	4
74	Towards responsible use of cognitive-enhancing drugs by the healthy. , 2013, , 235-245.		4
75	Response to Open Peer Commentaries on â€œPersonhood and Neuroscience: Naturalizing or Nihilating?â€: Getting Personal. American Journal of Bioethics, 2007, 7, W1-W4.	0.5	3
76	That Little Matter of Consciousness. American Journal of Bioethics, 2008, 8, 17-19.	0.5	3
77	Neural Substrates Associated With Weather-Induced Mood Variability: An Exploratory Study Using ASL Perfusion fMRI. Journal of Cognitive Science, 2011, 12, 195-210.	0.2	3
78	Pattern learning reveals brain asymmetry to be linked to socioeconomic status. Cerebral Cortex Communications, 2022, 3, .	0.7	3
79	Is consciousness of perception really separable from perception?. Behavioral and Brain Sciences, 1995, 18, 254-255.	0.4	2
80	More interactions on the interactive brain. Behavioral and Brain Sciences, 1997, 20, 521-523.	0.4	1
81	Ethical, Legal, and Societal Issues in Social Neuroscience. , 2011, , .		1
82	Discussing smart pills versus endorsing smart pills: Reply to Swanson, Wigal, and Volkow (2011) and Elliott and Elliott (2011).. Psychological Bulletin, 2011, 137, 751-752.	5.5	1
83	SEMANTIC KNOWLEDGE IMPAIRMENTS IN ALZHEIMER'S DISEASE INSIGHTS FROM CONNECTIONIST MODELING. Progress in Neural Processing, 1996, , 89-108.	0.3	1
84	Gathering the strands of thought. Nature, 1998, 395, 129-129.	13.7	0