

# Martin H Teicher

## List of Publications by Year in descending order

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125  
papers

18,809  
citations

15466

65  
h-index

18606

119  
g-index

129  
all docs

129  
docs citations

129  
times ranked

14570  
citing authors

#	ARTICLE	IF	CITATIONS
1	The neurobiological consequences of early stress and childhood maltreatment. <i>Neuroscience and Biobehavioral Reviews</i> , 2003, 27, 33-44.	2.9	1,193
2	The effects of childhood maltreatment on brain structure, function and connectivity. <i>Nature Reviews Neuroscience</i> , 2016, 17, 652-666.	4.9	1,096
3	Annual Research Review: Enduring neurobiological effects of childhood abuse and neglect. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2016, 57, 241-266.	3.1	850
4	Childhood Maltreatment and Psychopathology: A Case for Ecophenotypic Variants as Clinically and Neurobiologically Distinct Subtypes. <i>American Journal of Psychiatry</i> , 2013, 170, 1114-1133.	4.0	796
5	Stress, sensitive periods and maturational events in adolescent depression. <i>Trends in Neurosciences</i> , 2008, 31, 183-191.	4.2	794
6	Preliminary Evidence for Sensitive Periods in the Effect of Childhood Sexual Abuse on Regional Brain Development. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2008, 20, 292-301.	0.9	574
7	Cortisol regulation in posttraumatic stress disorder and major depression: A chronobiological analysis. <i>Biological Psychiatry</i> , 1996, 40, 79-88.	0.7	565
8	Childhood maltreatment is associated with reduced volume in the hippocampal subfields CA3, dentate gyrus, and subiculum. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E563-72.	3.3	493
9	Developmental neurobiology of childhood stress and trauma. <i>Psychiatric Clinics of North America</i> , 2002, 25, 397-426.	0.7	481
10	Sticks, Stones, and Hurtful Words: Relative Effects of Various Forms of Childhood Maltreatment. <i>American Journal of Psychiatry</i> , 2006, 163, 993-1000.	4.0	468
11	Evidence for dopamine receptor pruning between adolescence and adulthood in striatum but not nucleus accumbens. <i>Developmental Brain Research</i> , 1995, 89, 167-172.	2.1	436
12	Dopamine receptor pruning in prefrontal cortex during the periadolescent period in rats. <i>Synapse</i> , 2000, 37, 167-169.	0.6	418
13	Childhood neglect is associated with reduced corpus callosum area. <i>Biological Psychiatry</i> , 2004, 56, 80-85.	0.7	407
14	International meta-analysis of PTSD genome-wide association studies identifies sex- and ancestry-specific genetic risk loci. <i>Nature Communications</i> , 2019, 10, 4558.	5.8	363
15	Preliminary Evidence for White Matter Tract Abnormalities in Young Adults Exposed to Parental Verbal Abuse. <i>Biological Psychiatry</i> , 2009, 65, 227-234.	0.7	331
16	Neurobiological Consequences of Early Stress and Childhood Maltreatment: Are Results from Human and Animal Studies Comparable?. <i>Annals of the New York Academy of Sciences</i> , 2006, 1071, 313-323.	1.8	319
17	Sex differences in dopamine receptor overproduction and elimination. <i>NeuroReport</i> , 1997, 8, 1495-1497.	0.6	296
18	Functional deficits in basal ganglia of children with attention-deficit/hyperactivity disorder shown with functional magnetic resonance imaging relaxometry. <i>Nature Medicine</i> , 2000, 6, 470-473.	15.2	294

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19	Desperately driven and no brakes: Developmental stress exposure and subsequent risk for substance abuse. <i>Neuroscience and Biobehavioral Reviews</i> , 2009, 33, 516-524.	2.9	287
20	Delayed Effects of Early Stress on Hippocampal Development. <i>Neuropsychopharmacology</i> , 2004, 29, 1988-1993.	2.8	275
21	The "Maltreatment and Abuse Chronology of Exposure" (MACE) Scale for the Retrospective Assessment of Abuse and Neglect During Development. <i>PLoS ONE</i> , 2015, 10, e0117423.	1.1	258
22	Sensitive periods of amygdala development: The role of maltreatment in preadolescence. <i>NeuroImage</i> , 2014, 97, 236-244.	2.1	257
23	Reduced prefrontal cortical gray matter volume in young adults exposed to harsh corporal punishment. <i>NeuroImage</i> , 2009, 47, T66-T71.	2.1	254
24	Objective Measurement of Hyperactivity and Attentional Problems in ADHD. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 1996, 35, 334-342.	0.3	230
25	Scars That Won't Heal: The Neurobiology of Child Abuse. <i>Scientific American</i> , 2002, 286, 68-75.	1.0	208
26	Actigraphy and Motion Analysis: New Tools for Psychiatry. <i>Harvard Review of Psychiatry</i> , 1995, 3, 18-35.	0.9	203
27	Preliminary Evidence for Abnormal Cortical Development in Physically and Sexually Abused Children Using EEG Coherence and MRI. <i>Annals of the New York Academy of Sciences</i> , 1997, 821, 160-175.	1.8	199
28	Type and timing of adverse childhood experiences differentially affect severity of PTSD, dissociative and depressive symptoms in adult inpatients. <i>BMC Psychiatry</i> , 2016, 16, 295.	1.1	199
29	Hurtful Words: Association of Exposure to Peer Verbal Abuse With Elevated Psychiatric Symptom Scores and Corpus Callosum Abnormalities. <i>American Journal of Psychiatry</i> , 2010, 167, 1464-1471.	4.0	185
30	Reduced fractional anisotropy in the visual limbic pathway of young adults witnessing domestic violence in childhood. <i>NeuroImage</i> , 2012, 59, 1071-1079.	2.1	179
31	Effects of Childhood Sexual Abuse on Neuropsychological and Cognitive Function in College Women. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2006, 18, 45-53.	0.9	172
32	Olfactory bulbectomy as a model for agitated hyposerotonergic depression. <i>Brain Research</i> , 1992, 587, 181-185.	1.1	171
33	Increased Nocturnal Activity and Impaired Sleep Maintenance in Abused Children. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 1997, 36, 1236-1243.	0.3	169
34	Childhood Maltreatment: Altered Network Centrality of Cingulate, Precuneus, Temporal Pole and Insula. <i>Biological Psychiatry</i> , 2014, 76, 297-305.	0.7	169
35	Childhood Sexual Abuse Is Associated with Reduced Gray Matter Volume in Visual Cortex of Young Women. <i>Biological Psychiatry</i> , 2009, 66, 642-648.	0.7	167
36	Exposure to parental verbal abuse is associated with increased gray matter volume in superior temporal gyrus. <i>NeuroImage</i> , 2011, 54, S280-S286.	2.1	157

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37	Childhood Maltreatment, Depression, and Suicidal Ideation: Critical Importance of Parental and Peer Emotional Abuse during Developmental Sensitive Periods in Males and Females. <i>Frontiers in Psychiatry</i> , 2015, 6, 42.	1.3	155
38	Reduced Visual Cortex Gray Matter Volume and Thickness in Young Adults Who Witnessed Domestic Violence during Childhood. <i>PLoS ONE</i> , 2012, 7, e52528.	1.1	143
39	Plasma norepinephrine and 3-methoxy-4-hydroxyphenylglycol concentrations and severity of depression in combat posttraumatic stress disorder and major depressive disorder. <i>Biological Psychiatry</i> , 1998, 44, 56-63.	0.7	139
40	Developmental differences in dopamine synthesis inhibition by (±)-7-OH-DPAT. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1997, 356, 173-181.	1.4	136
41	A polymorphism in the norepinephrine transporter gene alters promoter activity and is associated with attention-deficit hyperactivity disorder. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 19164-19169.	3.3	131
42	Abnormal T2 relaxation time in the cerebellar vermis of adults sexually abused in childhood. <i>Psychoneuroendocrinology</i> , 2002, 27, 231-244.	1.3	129
43	Postnatal development of dopamine D1 and D2 receptor sites in rat striatum. <i>Developmental Brain Research</i> , 1989, 49, 123-130.	2.1	128
44	Antidepressant Drugs and the Emergence of Suicidal Tendencies. <i>Drug Safety</i> , 1993, 8, 186-212.	1.4	128
45	Effects of Methylphenidate on Functional Magnetic Resonance Relaxometry of the Cerebellar Vermis in Boys With ADHD. <i>American Journal of Psychiatry</i> , 2002, 159, 1322-1328.	4.0	127
46	Pubertal changes in gonadal hormones do not underlie adolescent dopamine receptor overproduction. <i>Psychoneuroendocrinology</i> , 2002, 27, 683-691.	1.3	126
47	Preliminary Evidence for Aberrant Cortical Development in Abused Children. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 1998, 10, 298-307.	0.9	123
48	Exposure to childhood neglect and physical abuse and developmental trajectories of heavy episodic drinking from early adolescence into young adulthood. <i>Drug and Alcohol Dependence</i> , 2013, 127, 31-38.	1.6	119
49	Classical conditioning of an odor preference in 3-day-old rats. <i>Behavioral and Neural Biology</i> , 1980, 29, 132-136.	2.3	118
50	Differential effects of childhood neglect and abuse during sensitive exposure periods on male and female hippocampus. <i>NeuroImage</i> , 2018, 169, 443-452.	2.1	113
51	Circadian rhythms of activity in healthy young and elderly humans. <i>Neurobiology of Aging</i> , 1989, 10, 259-265.	1.5	106
52	Recognizing the importance of childhood maltreatment as a critical factor in psychiatric diagnoses, treatment, research, prevention, and education. <i>Molecular Psychiatry</i> , 2022, 27, 1331-1338.	4.1	100
53	Relationship between Early Abuse, Posttraumatic Stress Disorder, and Activity Levels in Prepubertal Children. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 1996, 35, 1384-1393.	0.3	96
54	Olfactory, thermal, and tactile controls of suckling in preauditory and previsual rats. <i>Journal of Comparative and Physiological Psychology</i> , 1977, 91, 1248-1260.	1.8	95

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55	Circadian Rest-Activity Disturbances in Seasonal Affective Disorder. Archives of General Psychiatry, 1997, 54, 124.	13.8	90
56	Serotonin laterality in amygdala predicts performance in the elevated plus maze in rats. NeuroReport, 1999, 10, 3497-3500.	0.6	89
57	24-h Monitoring of plasma norepinephrine, MHPG, cortisol, growth hormone and prolactin in depression. Journal of Psychiatric Research, 2004, 38, 503-511.	1.5	89
58	Psychological resilience: an update on definitions, a critical appraisal, and research recommendations. HÅrre Utbildning, 2020, 11, 1822064.	1.4	88
59	Developmental Differences in Acute Nigrostriatal and Mesocorticolimbic System Response to Haloperidol. Neuropsychopharmacology, 1993, 9, 147-156.	2.8	86
60	Association of Prepubertal and Postpubertal Exposure to Childhood Maltreatment With Adult Amygdala Function. JAMA Psychiatry, 2019, 76, 843.	6.0	85
61	Length of Time Between Onset of Childhood Sexual Abuse and Emergence of Depression in a Young Adult Sample. Journal of Clinical Psychiatry, 2009, 70, 684-691.	1.1	80
62	Locomotor Activity in Depressed Children and Adolescents: I. Circadian Dysregulation. Journal of the American Academy of Child and Adolescent Psychiatry, 1993, 32, 760-769.	0.3	77
63	Actigraph measures discriminate pediatric bipolar disorder from attentionâ€deficit/hyperactivity disorder and typically developing controls. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2016, 57, 706-716.	3.1	77
64	COSIFIT: An interactive program for simultaneous multioscillator cosinor analysis of time-series data. Journal of Biomedical Informatics, 1990, 23, 283-295.	0.7	68
65	Increased Activity and Phase Delay in Circadian Motility Rhythms in Geriatric Depression. Archives of General Psychiatry, 1988, 45, 913.	13.8	67
66	Light visor treatment for seasonal affective disorder: A multicenter study. Psychiatry Research, 1993, 46, 29-39.	1.7	65
67	Core Body Temperature and Sleep of Older Female Insomniacs Before and After Passive Body Heating. Sleep, 1999, 22, 891-898.	0.6	65
68	Effects of Passive Body Heating on the Sleep of Older Female Insomniacs. Journal of Geriatric Psychiatry and Neurology, 1996, 9, 83-90.	1.2	60
69	Circadian Regulation of Basal Cortisol Levels in Posttraumatic Stress Disorder. Annals of the New York Academy of Sciences, 1994, 746, 378-380.	1.8	56
70	Parental verbal affection and verbal aggression in childhood differentially influence psychiatric symptoms and wellbeing in young adulthood. Child Abuse and Neglect, 2014, 38, 91-102.	1.3	55
71	Harsh corporal punishment is associated with increased T2 relaxation time in dopamine-rich regions. Neurolmage, 2010, 53, 412-419.	2.1	54
72	Susceptibility or Resilience to Maltreatment Can Be Explained by Specific Differences in Brain Network Architecture. Biological Psychiatry, 2019, 85, 690-702.	0.7	54

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73	Environmental adversities and psychotic symptoms: The impact of timing of trauma, abuse, and neglect. <i>Schizophrenia Research</i> , 2019, 205, 4-9.	1.1	53
74	Novel Strategy for the Analysis of CPT Data Provides New Insight into the Effects of Methylphenidate on Attentional States in Children with ADHD. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2004, 14, 219-232.	0.7	51
75	Childhood trauma and the enduring consequences of forcibly separating children from parents at the United States border. <i>BMC Medicine</i> , 2018, 16, 146.	2.3	49
76	Ventral striatum dysfunction in children and adolescents with reactive attachment disorder: functional MRI study. <i>BJPsych Open</i> , 2015, 1, 121-128.	0.3	48
77	Childhood maltreatment is associated with alteration in global network fiber-tract architecture independent of history of depression and anxiety. <i>NeuroImage</i> , 2017, 150, 50-59.	2.1	48
78	Biology of Anxiety. <i>Medical Clinics of North America</i> , 1988, 72, 791-814.	1.1	47
79	Genomic influences on self-reported childhood maltreatment. <i>Translational Psychiatry</i> , 2020, 10, 38.	2.4	47
80	Witnessing Violence Toward Siblings: An Understudied but Potent Form of Early Adversity. <i>PLoS ONE</i> , 2011, 6, e28852.	1.1	43
81	Defining the impact of childhood adversities on cognitive deficits in psychosis: An exploratory analysis. <i>Schizophrenia Research</i> , 2018, 192, 351-356.	1.1	43
82	Differences in behavior and monoamine laterality following neonatal clomipramine treatment. <i>Developmental Psychobiology</i> , 2002, 41, 50-57.	0.9	38
83	Rate Dependency Revisited: Understanding the Effects of Methylphenidate in Children with Attention Deficit Hyperactivity Disorder. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2003, 13, 41-51.	0.7	37
84	Hyperactivity persists in male and female adults with ADHD and remains a highly discriminative feature of the disorder: a case-control study. <i>BMC Psychiatry</i> , 2012, 12, 190.	1.1	37
85	Dopamine D1 autoreceptor function: possible expression in developing rat prefrontal cortex and striatum. <i>Developmental Brain Research</i> , 1991, 63, 229-235.	2.1	36
86	Degree of neuronal activation following FG-7142 changes across regions during development. <i>Developmental Brain Research</i> , 1999, 116, 201-203.	2.1	36
87	Methylphenidate Blood Levels and Therapeutic Response in Children with Attention-Deficit Hyperactivity Disorder I. Effects of Different Dosing Regimens. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2006, 16, 416-431.	0.7	36
88	Cerebellar Lingula Size and Experiential Risk Factors Associated with High Levels of Alcohol and Drug Use in Young Adults. <i>Cerebellum</i> , 2010, 9, 198-209.	1.4	36
89	Type and Timing of Childhood Maltreatment and Severity of Shutdown Dissociation in Patients with Schizophrenia Spectrum Disorder. <i>PLoS ONE</i> , 2015, 10, e0127151.	1.1	36
90	Utility of Objective Measures of Activity and Attention in the Assessment of Therapeutic Response to Stimulants in Children with Attention-Deficit/Hyperactivity Disorder. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2008, 18, 265-270.	0.7	34

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91	Early neglect is a key determinant of adult hair cortisol concentration and is associated with increased vulnerability to trauma in a transdiagnostic sample. <i>Psychoneuroendocrinology</i> , 2019, 108, 35-42.	1.3	34
92	Nonattachment Predicts Empathy, Rejection Sensitivity, and Symptom Reduction After a Mindfulness-Based Intervention Among Young Adults with a History of Childhood Maltreatment. <i>Mindfulness</i> , 2020, 11, 975-990.	1.6	34
93	Determination of hemispheric emotional valence in individual subjects: A new approach with research and therapeutic implications. <i>Behavioral and Brain Functions</i> , 2007, 3, 13.	1.4	32
94	Type and timing of childhood maltreatment and reduced visual cortex volume in children and adolescents with reactive attachment disorder. <i>NeuroImage: Clinical</i> , 2018, 20, 216-221.	1.4	32
95	Childhood Maltreatment, Cortical and Amygdala Morphometry, Functional Connectivity, Laterality, and Psychopathology. <i>Child Maltreatment</i> , 2019, 24, 458-465.	2.0	29
96	Effects of a Mindfulness-Based Intervention on Self-Compassion and Psychological Health Among Young Adults With a History of Childhood Maltreatment. <i>Frontiers in Psychology</i> , 2019, 10, 2373.	1.1	29
97	Circadian Rest-Activity Disturbances in Children With Seasonal Affective Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 1997, 36, 188-195.	0.3	28
98	Hippocampal Subfields Volume Reduction in High Schoolers with Previous Verbal Abuse Experiences. <i>Clinical Psychopharmacology and Neuroscience</i> , 2018, 16, 46-56.	0.9	27
99	Mood dysregulation and affective instability in emerging adults with childhood maltreatment: An ecological momentary assessment study. <i>Journal of Psychiatric Research</i> , 2015, 70, 1-8.	1.5	25
100	Motor Activity and Severity of Depression in Hospitalized Prepubertal Children. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 1996, 35, 752-763.	0.3	24
101	Does sleep disruption mediate the effects of childhood maltreatment on brain structure?. <i>HÅrre Utbildning</i> , 2017, 8, 1450594.	1.4	23
102	Enhancing Discovery of Genetic Variants for Posttraumatic Stress Disorder Through Integration of Quantitative Phenotypes and Trauma Exposure Information. <i>Biological Psychiatry</i> , 2022, 91, 626-636.	0.7	21
103	Unraveling the Nature of Hyperactivity in Children With Attention-Deficit/Hyperactivity Disorder. <i>Archives of General Psychiatry</i> , 2010, 67, 388.	13.8	20
104	Childhood maltreatment and its role in the development of pain and psychopathology. <i>The Lancet Child and Adolescent Health</i> , 2022, 6, 195-206.	2.7	19
105	Neurobiology of childhood trauma and adversity. , 2010, , 112-122.		16
106	Does Placebo Response Differ between Objective and Subjective Measures in Children with Attention-Deficit/Hyperactivity Disorder?. <i>Postgraduate Medicine</i> , 2010, 122, 52-61.	0.9	16
107	Commentary: Childhood Abuse: New Insights into its Association with Posttraumatic Stress, Suicidal Ideation, and Aggression. <i>Journal of Pediatric Psychology</i> , 2010, 35, 578-580.	1.1	15
108	Clinical experience using intranasal ketamine in the longitudinal treatment of juvenile bipolar disorder with fear of harm phenotype. <i>Journal of Affective Disorders</i> , 2018, 225, 545-551.	2.0	13

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109	The developing prefrontal cortex: Is there a transient interneuron that stimulates catecholamine terminals?. , 1998, 29, 89-91.		12
110	Effects of selective monoaminergic reuptake blockade on activity rhythms in developing rats. Psychopharmacology, 1989, 97, 343-348.	1.5	11
111	Clinical Effects of Mindfulness-Based Interventions for Adults with a History of Childhood Maltreatment: a Scoping Review. Current Treatment Options in Psychiatry, 2021, 8, 31-46.	0.7	10
112	Maternal Childhood Maltreatment Is Associated With Lower Infant Gray Matter Volume and Amygdala Volume During the First Two Years of Life. Biological Psychiatry Global Open Science, 2022, 2, 440-449.	1.0	10
113	Additional Insights into the Relationship Between Brain Network Architecture and Susceptibility and Resilience to the Psychiatric Sequelae of Childhood Maltreatment. Adversity and Resilience Science, 2020, 1, 49-64.	1.2	9
114	Effects of a mindfulness based behavioral intervention for young adults with childhood maltreatment history on hippocampal morphometry: a pilot MRI study with voxel-based morphometry. Psychiatry Research - Neuroimaging, 2020, 301, 111087.	0.9	8
115	A pilot study on amygdala volumetric changes among young adults with childhood maltreatment histories after a mindfulness intervention. Behavioural Brain Research, 2021, 399, 113023.	1.2	8
116	Childhood Maltreatment Hampers Interpersonal Distance and Social Touch in Adulthood. American Journal of Psychiatry, 2020, 177, 4-6.	4.0	7
117	Locomotor Microactivities Associated with Therapeutic Responses in Patients with Seasonal Affective Disorders. Integrative Medicine International, 2015, 1, 151-161.	0.6	5
118	An Effective and Safe Novel Treatment of Opioid Use Disorder: Unilateral Transcranial Photobiomodulation. Frontiers in Psychiatry, 2021, 12, 713686.	1.3	5
119	Sex and sensitive period differences in potential effects of maltreatment on axial versus radial diffusivity in the corpus callosum. Neuropsychopharmacology, 2022, 47, 953-964.	2.8	4
120	Actigraph assessment of restâ€™ activity disturbances in psychiatric disorders. International Congress Series, 2006, 1287, 32-37.	0.2	3
121	Individual Differences in Hemispheric Emotional Valence by Computerized Test Correlate with Lateralized Differences in Nucleus Accumbens, Hippocampal and Amygdala Volumes. Psychology Research and Behavior Management, 0, Volume 15, 1371-1384.	1.3	3
122	Neurobiological and Behavioral Consequences of Exposure to Childhood Traumatic Stress. , 2006, , 180-195.		2
123	Essay: The role of experience in brain development: adverse effects of childhood maltreatment. , 2007, , 176-178.		2
124	Maximal Sensitivity to Child Maltreatment at the Ages of 6 and 11 Years is Associated with the Risk of Bipolar Disorder. Journal of Interpersonal Violence, 2023, 38, 3030-3054.	1.3	2
125	Letters to the editor. Developmental Psychobiology, 1996, 29, 395-401.	0.9	0