Thomas R Insel

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

153
papers

26,498
citations

79
h-index

9-index

160
ext. papers

29,754
ext. citations

9
Avg, IF

L-index

#	Paper	IF	Citations
153	Digital Technologies in Psychiatry: Present and Future. <i>Focus (American Psychiatric Publishing)</i> , 2018 , 16, 251-258	1.1	17
152	Preparing Physician-Scientists for an Evolving Research Ecosystem. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 320, 31-32	27.4	8
151	Building the Thermometer for Mental Health. <i>Cerebrum: the Dana Forum on Brain Science</i> , 2018 , 2018,	Ο	4
150	Data mining for health: staking out the ethical territory of digital phenotyping. <i>Npj Digital Medicine</i> , 2018 , 1,	15.7	61
149	Digital Phenotyping: Technology for a New Science of Behavior. <i>JAMA - Journal of the American Medical Association</i> , 2017 , 318, 1215-1216	27.4	325
148	Join the disruptors of health science. <i>Nature</i> , 2017 , 551, 23-26	50.4	8
147	Translating Oxytocin Neuroscience to the Clinic: A National Institute of Mental Health Perspective. <i>Biological Psychiatry</i> , 2016 , 79, 153-4	7.9	41
146	The NIMH experimental medicine initiative. World Psychiatry, 2015, 14, 151-3	14.4	81
145	Schizophrenia. <i>Nature Reviews Disease Primers</i> , 2015 , 1, 15067	51.1	432
144	The NIMH Research Domain Criteria (RDoC) Project: precision medicine for psychiatry. <i>American Journal of Psychiatry</i> , 2014 , 171, 395-7	11.9	900
143	Harnessing the informatics revolution for neuroscience drug R&D. <i>Nature Reviews Drug Discovery</i> , 2014 , 13, 561-2	64.1	6
142	Mind the gap: neuroscience literacy and the next generation of psychiatrists. <i>Academic Psychiatry</i> , 2014 , 38, 121-3	1.1	19
141	National Institute of Mental Health clinical trials: new opportunities, new expectations. <i>JAMA Psychiatry</i> , 2014 , 71, 745-6	14.5	99
140	Toward the future of psychiatric diagnosis: the seven pillars of RDoC. BMC Medicine, 2013, 11, 126	11.4	1649
139	Twenty-five years of progress: the view from NIMH and NINDS. <i>Neuron</i> , 2013 , 80, 561-7	13.9	59
138	Grand challenges in global mental health: integration in research, policy, and practice. <i>PLoS Medicine</i> , 2013 , 10, e1001434	11.6	134
137	Drug research: a plan for mental illness. <i>Nature</i> , 2012 , 483, 269	50.4	53

(2006-2012)

136	Translating discoveries into medicine: psychiatric drug development in 2011. <i>Neuropsychopharmacology</i> , 2012 , 37, 281-3	8.7	18
135	Next-generation treatments for mental disorders. Science Translational Medicine, 2012, 4, 155ps19	17.5	111
134	Standardization, integration, and sharing-leveraging research investments. <i>Biological Psychiatry</i> , 2011 , 70, 5-6	7.9	10
133	Grand challenges in global mental health. <i>Nature</i> , 2011 , 475, 27-30	50.4	1310
132	Rebooting for Whom? Portfolios, Technology, and Personalized Intervention. <i>Perspectives on Psychological Science</i> , 2011 , 6, 478-82	9.8	35
131	Faulty circuits. Scientific American, 2010, 302, 44-51	0.5	63
130	Rethinking schizophrenia. <i>Nature</i> , 2010 , 468, 187-93	50.4	1163
129	The challenge of translation in social neuroscience: a review of oxytocin, vasopressin, and affiliative behavior. <i>Neuron</i> , 2010 , 65, 768-79	13.9	814
128	Early life programming and neurodevelopmental disorders. <i>Biological Psychiatry</i> , 2010 , 68, 314-9	7.9	645
127	Rethinking mental illness. <i>JAMA - Journal of the American Medical Association</i> , 2010 , 303, 1970-1	27.4	111
126	Disruptive insights in psychiatry: transforming a clinical discipline. <i>Journal of Clinical Investigation</i> , 2009 , 119, 700-5	15.9	106
125	Translating scientific opportunity into public health impact: a strategic plan for research on mental illness. <i>Archives of General Psychiatry</i> , 2009 , 66, 128-33		331
124	Endophenotypes: bridging genomic complexity and disorder heterogeneity. <i>Biological Psychiatry</i> , 2009 , 66, 988-9	7.9	218
123	Cognitive neuroscience and schizophrenia: translational research in need of a translator. <i>Biological Psychiatry</i> , 2008 , 64, 2-3	7.9	19
122	Assessing the economic costs of serious mental illness. <i>American Journal of Psychiatry</i> , 2008 , 165, 663-5	11.9	312
121	Eating disorders: National Institute of Mental Health's perspective. American Psychologist, 2007, 62, 159	9-96	31
120	Neuroscience. Shining light on depression. <i>Science</i> , 2007 , 317, 757-8	33.3	16
119	Nucleus accumbens dopamine differentially mediates the formation and maintenance of monogamous pair bonds. <i>Nature Neuroscience</i> , 2006 , 9, 133-9	25.5	344

118	Developmental psychobiology for public health: a bridge for translational research. <i>Developmental Psychobiology</i> , 2005 , 47, 209-16	3	16
117	Psychiatry as a clinical neuroscience discipline. <i>JAMA - Journal of the American Medical Association</i> , 2005 , 294, 2221-4	27.4	184
116	Neuroendocrine basis of social recognition. <i>Current Opinion in Neurobiology</i> , 2004 , 14, 248-53	7.6	153
115	How the brain processes social information: searching for the social brain. <i>Annual Review of Neuroscience</i> , 2004 , 27, 697-722	17	397
114	Rearing effects on cerebrospinal fluid oxytocin concentration and social buffering in rhesus monkeys. <i>Neuropsychopharmacology</i> , 2003 , 28, 910-8	8.7	307
113	Psychiatry in the genomics era. <i>American Journal of Psychiatry</i> , 2003 , 160, 616-20	11.9	57
112	Epigenetic sources of behavioral differences in mice. <i>Nature Neuroscience</i> , 2003 , 6, 445-6	25.5	293
111	Is social attachment an addictive disorder?. <i>Physiology and Behavior</i> , 2003 , 79, 351-7	3.5	341
110	The neuroendocrine basis of social recognition. Frontiers in Neuroendocrinology, 2002, 23, 200-24	8.9	394
109	Social anxiety: from laboratory studies to clinical practice. <i>Biological Psychiatry</i> , 2002 , 51, 1-3	7.9	12
108	Oxytocin: who needs it?. <i>Progress in Brain Research</i> , 2001 , 133, 59-66	2.9	39
107	Facilitation of affiliation and pair-bond formation by vasopressin receptor gene transfer into the ventral forebrain of a monogamous vole. <i>Journal of Neuroscience</i> , 2001 , 21, 7392-6	6.6	238
106	Oxytocin in the medial amygdala is essential for social recognition in the mouse. <i>Journal of Neuroscience</i> , 2001 , 21, 8278-85	6.6	789
105	Expression and estrogen regulation of brain-derived neurotrophic factor gene and protein in the forebrain of female prairie voles. <i>Journal of Comparative Neurology</i> , 2001 , 433, 499-514	3.4	53
104	The neurobiology of attachment. <i>Nature Reviews Neuroscience</i> , 2001 , 2, 129-36	13.5	875
103	Increased number of BrdU-labeled neurons in the rostral migratory stream of the estrous prairie vole. <i>Hormones and Behavior</i> , 2001 , 39, 11-21	3.7	105
102	Cellular mechanisms of social attachment. <i>Hormones and Behavior</i> , 2001 , 40, 133-8	3.7	400
101	Transgenic Models for Oxytocin and Vasopressin 2001 , 245-260		

100	Toward a Neurobiology of Attachment. Review of General Psychology, 2000, 4, 176-185	3.9	67
99	Subcortical projections of area 25 (subgenual cortex) of the macaque monkey. <i>Journal of Comparative Neurology</i> , 2000 , 421, 172-188	3.4	226
98	Social amnesia in mice lacking the oxytocin gene. <i>Nature Genetics</i> , 2000 , 25, 284-8	36.3	815
97	Distribution of corticosteroid receptors in the rhesus brain: relative absence of glucocorticoid receptors in the hippocampal formation. <i>Journal of Neuroscience</i> , 2000 , 20, 4657-68	6.6	334
96	Dopamine D2 receptors in the nucleus accumbens are important for social attachment in female prairie voles (Microtus ochrogaster) <i>Behavioral Neuroscience</i> , 2000 , 114, 173-183	2.1	275
95	Infant vocalization, adult aggression, and fear behavior of an oxytocin null mutant mouse. <i>Hormones and Behavior</i> , 2000 , 37, 145-55	3.7	288
94	Increased affiliative response to vasopressin in mice expressing the V1a receptor from a monogamous vole. <i>Nature</i> , 1999 , 400, 766-8	50.4	375
93	Autoradiographic and in situ hybridization localization of corticotropin-releasing factor 1 and 2 receptors in nonhuman primate brain. <i>Journal of Comparative Neurology</i> , 1999 , 408, 365-377	3.4	2 60
92	Oxytocin, vasopressin, and autism: is there a connection?. <i>Biological Psychiatry</i> , 1999 , 45, 145-57	7.9	208
91	Dopamine D2 receptor-mediated regulation of partner preferences in female prairie voles (Microtus ochrogaster): A mechanism for pair bonding?. <i>Behavioral Neuroscience</i> , 1999 , 113, 602-611	2.1	167
90	Autoradiographic and in situ hybridization localization of corticotropin-releasing factor 1 and 2 receptors in nonhuman primate brain 1999 , 408, 365		5
89	Neuroendocrine bases of monogamy. <i>Trends in Neurosciences</i> , 1998 , 21, 71-5	13.3	238
88	Serotonin and neuropeptides in affiliative behaviors. <i>Biological Psychiatry</i> , 1998 , 44, 207-19	7.9	98
87	Oxytocin, vasopressin, and the neuroendocrine basis of pair bond formation. <i>Advances in Experimental Medicine and Biology</i> , 1998 , 449, 215-24	3.6	101
86	Voles and vasopressin: a review of molecular, cellular, and behavioral studies of pair bonding and paternal behaviors. <i>Progress in Brain Research</i> , 1998 , 119, 483-99	2.9	90
85	Phenotypic expression of an oxytocin peptide null mutation in mice. <i>Advances in Experimental Medicine and Biology</i> , 1998 , 449, 241-3	3.6	1
84	Species differences in VB receptor gene expression in monogamous and nonmonogamous voles: Behavioral consequences <i>Behavioral Neuroscience</i> , 1997 , 111, 599-605	2.1	194
83	Gene targeting approaches to neuroendocrinology: oxytocin, maternal behavior, and affiliation. <i>Hormones and Behavior</i> , 1997 , 31, 221-31	3.7	78

82	Molecular aspects of monogamy. Annals of the New York Academy of Sciences, 1997, 807, 302-16	6.5	55
81	Sexual and social experience is associated with different patterns of behavior and neural activation in male prairie voles. <i>Brain Research</i> , 1997 , 767, 321-32	3.7	142
80	Vasopressin in the forebrain of common marmosets (Callithrix jacchus): studies with in situ hybridization, immunocytochemistry and receptor autoradiography. <i>Brain Research</i> , 1997 , 768, 147-56	3.7	50
79	Changes in oxytocin receptor mRNA in rat brain during pregnancy and the effects of estrogen and interleukin-6. <i>Journal of Neuroendocrinology</i> , 1997 , 9, 859-65	3.8	126
78	Species differences in vasopressin receptor binding are evident early in development: Comparative anatomic studies in prairie and montane voles. <i>Journal of Comparative Neurology</i> , 1997 , 378, 535-546	3.4	103
77	Vasopressin and oxytocin immunoreactive neurons and fibers in the forebrain of male and female common marmosets (Callithrix jacchus). <i>Synapse</i> , 1997 , 27, 14-25	2.4	56
76	Species differences in vasopressin receptor binding are evident early in development: Comparative anatomic studies in prairie and montane voles 1997 , 378, 535		1
75	Parental Behavior in Voles. <i>Advances in the Study of Behavior</i> , 1996 , 361-384	3.4	28
74	Immunoreactivity of central vasopressin and oxytocin pathways in microtine rodents: a quantitative comparative study. <i>Journal of Comparative Neurology</i> , 1996 , 366, 726-37	3.4	145
73	Species differences in central oxytocin receptor gene expression: comparative analysis of promoter sequences. <i>Journal of Neuroendocrinology</i> , 1996 , 8, 777-83	3.8	80
72	Mating in the monogamous male: behavioral consequences. <i>Physiology and Behavior</i> , 1995 , 57, 615-27	3.5	192
71	A gender-specific mechanism for pair bonding: Oxytocin and partner preference formation in monogamous voles <i>Behavioral Neuroscience</i> , 1995 , 109, 782-789	2.1	385
70	Increased Fos expression in oxytocin neurons following masculine sexual behavior. <i>Journal of Neuroendocrinology</i> , 1994 , 6, 13-8	3.8	86
69	Oxytocin administered centrally facilitates formation of a partner preference in female prairie voles (Microtus ochrogaster). <i>Journal of Neuroendocrinology</i> , 1994 , 6, 247-50	3.8	378
68	Limbic system fos expression associated with paternal behavior. <i>Brain Research</i> , 1994 , 658, 112-8	3.7	112
67	Axon-sparing lesions of the medial nucleus of the amygdala decrease affiliative behaviors in the prairie vole (Microtus ochrogaster): Behavioral and anatomical specificity <i>Behavioral Neuroscience</i> , 1994 , 108, 501-513	2.1	85
66	Effects of central vasopressin administration to infant rats. <i>European Journal of Pharmacology</i> , 1993 , 233, 101-7	5.3	79
65	The role of neurohypophyseal peptides in the central mediation of complex social processesevidence from comparative studies. <i>Regulatory Peptides</i> , 1993 , 45, 127-31		39

64	A role for central vasopressin in pair bonding in monogamous prairie voles. <i>Nature</i> , 1993 , 365, 545-8	50.4	752
63	Gonadal steroids have paradoxical effects on brain oxytocin receptors. <i>Journal of Neuroendocrinology</i> , 1993 , 5, 619-28	3.8	99
62	Oxytocin and the Neuroendocrine Basis of Affiliation 1993 , 225-251		1
61	Corticotropin-Releasing Hormone Receptors and the Developing Nervous System 1993 , 147-161		
60	Oxytocin and the neurobiology of attachment. Behavioral and Brain Sciences, 1992, 15, 515-6	0.9	9
59	Oxytocin receptors and maternal behavior. Annals of the New York Academy of Sciences, 1992, 652, 122-	4 51.5	52
58	Oxytocin and social bonding. Annals of the New York Academy of Sciences, 1992, 652, 204-11	6.5	161
57	Oxytocina neuropeptide for affiliation: evidence from behavioral, receptor autoradiographic, and comparative studies. <i>Psychoneuroendocrinology</i> , 1992 , 17, 3-35	5	441
56	Neurobiology of Obsessive Compulsive Disorder. <i>Psychiatric Clinics of North America</i> , 1992 , 15, 813-824	3.1	55
55	Enhanced social interactions in rats following chronic, centrally infused oxytocin. <i>Pharmacology Biochemistry and Behavior</i> , 1992 , 43, 855-61	3.9	177
54	The regulation of oxytocin receptor binding in the ventromedial hypothalamic nucleus by testosterone and its metabolites. <i>Endocrinology</i> , 1991 , 128, 891-6	4.8	63
53	Endogenous opioids: Do they modulate the rat pup's response to social isolation?. <i>Behavioral Neuroscience</i> , 1991 , 105, 253-263	2.1	84
52	Serotonergic modulation of the rat pup ultrasonic isolation call: studies with 5HT1 and 5HT2 subtype-selective agonists and antagonists. <i>Psychopharmacology</i> , 1991 , 105, 513-20	4.7	70
51	A selective oxytocin antagonist attenuates progesterone facilitation of female sexual behavior. <i>Endocrinology</i> , 1991 , 128, 3269-76	4.8	144
50	Infant rat separation is a sensitive test for novel anxiolytics. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 1991 , 15, 745-57	5.5	67
49	Vasopressin modulates male squirrel monkeysTbehavior during social separation. <i>European Journal of Pharmacology</i> , 1991 , 200, 95-101	5.3	31
48	Central administration of oxytocin modulates the infant rat's response to social isolation. <i>European Journal of Pharmacology</i> , 1991 , 203, 149-52	5.3	142
47	Comparative neuroanatomy of the sexually dimorphic hypothalamus in monogamous and polygamous voles. <i>Brain Research</i> , 1991 , 541, 232-40	3.7	103

46	The infant rat separation paradigm: a novel test for novel anxiolytics. <i>Trends in Pharmacological Sciences</i> , 1991 , 12, 402-4	13.2	88
45	Rat Pup Ultrasonic Vocalizations: An Ethologically Relevant Behaviour Responsive to Anxiolytics 1991 , 15-36		23
44	Regional induction of c-fos-like protein in rat brain after estradiol administration. <i>Endocrinology</i> , 1990 , 126, 1849-53	4.8	103
43	Regional changes in brain oxytocin receptors post-partum: time-course and relationship to maternal behaviour. <i>Journal of Neuroendocrinology</i> , 1990 , 2, 539-45	3.8	126
42	Infant's response to social separation reflects adult differences in affiliative behavior: a comparative developmental study in prairie and montane voles. <i>Developmental Psychobiology</i> , 1990 , 23, 375-93	3	111
41	Serotonin in obsessions, compulsions, and the control of aggressive impulses. <i>Annals of the New York Academy of Sciences</i> , 1990 , 600, 574-85; discussion 585-6	6.5	37
40	Rat pup isolation calls are reduced by functional antagonists of the NMDA receptor complex. <i>European Journal of Pharmacology</i> , 1990 , 190, 11-21	5.3	75
39	Prenatal stress has long-term effects on brain opiate receptors. <i>Brain Research</i> , 1990 , 511, 93-7	3.7	79
38	Serotonin in Obsessive Compulsive Disorder. <i>Psychiatric Annals</i> , 1990 , 20, 560-564	0.5	6
37	New pharmacologic approaches to obsessive compulsive disorder. <i>Journal of Clinical Psychiatry</i> , 1990 , 51 Suppl, 47-51; discussion 56-8	4.6	3
36	Testosterone modulates oxytocin binding in the hypothalamus of castrated male rats. <i>Neuroendocrinology</i> , 1989 , 50, 199-203	5.6	34
35	Time course of the estradiol-dependent induction of oxytocin receptor binding in the ventromedial hypothalamic nucleus of the rat. <i>Endocrinology</i> , 1989 , 125, 1414-9	4.8	73
34	CRH and alpha-helical-CRH modulate behavioral measures of arousal in monkeys. <i>Pharmacology Biochemistry and Behavior</i> , 1989 , 32, 919-26	3.9	44
33	Central administration of corticotropin releasing factor alters rat pup isolation calls. <i>Pharmacology Biochemistry and Behavior</i> , 1989 , 32, 197-201	3.9	65
32	Rat pup isolation distress and the brain benzodiazepine receptor. <i>Developmental Psychobiology</i> , 1989 , 22, 509-25	3	25
31	Decreased in vivo binding to brain benzodiazepine receptors during social isolation. <i>Psychopharmacology</i> , 1989 , 97, 142-4	4.7	39
30	Ontogeny of oxytocin receptors in rat forebrain: a quantitative study. <i>Synapse</i> , 1989 , 4, 259-66	2.4	128
29	Lesions of the hypothalamic paraventricular nucleus disrupt the initiation of maternal behavior. <i>Physiology and Behavior</i> , 1989 , 45, 1033-41	3.5	187

28	Rearing paradigm in a nonhuman primate affects response to beta-CCE challenge. <i>Psychopharmacology</i> , 1988 , 96, 81-6	4.7	20
27	Diagnosis and Treatment of Obsessive-Compulsive Disorder. <i>Psychiatric Annals</i> , 1988 , 18, 168-171	0.5	6
26	The ability of oxytocin to induce short latency maternal behavior is dependent on peripheral anosmia <i>Behavioral Neuroscience</i> , 1987 , 101, 439-441	2.1	58
25	Eye-tracking, attention and amphetamine challenge. <i>Journal of Psychiatric Research</i> , 1987 , 21, 129-35	5.2	12
24	Obsessive-compulsive disorder: psychobiological approaches to diagnosis, treatment, and pathophysiology. <i>Biological Psychiatry</i> , 1987 , 22, 667-87	7.9	349
23	Infant separation distress in genetically fearful rats. <i>Biological Psychiatry</i> , 1987 , 22, 786-9	7.9	28
22	Drug treatment of obsessive-compulsive disorder. <i>Journal of Affective Disorders</i> , 1987 , 13, 193-202	6.6	49
21	Rat pup ultrasonic isolation calls: possible mediation by the benzodiazepine receptor complex. <i>Pharmacology Biochemistry and Behavior</i> , 1986 , 24, 1263-7	3.9	194
20	Postpartum increases in brain oxytocin binding. <i>Neuroendocrinology</i> , 1986 , 44, 515-8	5.6	101
19	Obsessive-compulsive disorder and serotonin: is there a connection?. <i>Biological Psychiatry</i> , 1985 , 20, 1174-88	7.9	284
18	Tricyclic response in obsessive compulsive disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 1985 , 9, 25-31	5.5	14
17	Differential regulation of corticotropin-releasing factor receptors in anterior and intermediate lobes of pituitary and in brain following adrenalectomy in rats. <i>Neuroscience Letters</i> , 1985 , 56, 121-8	3.3	45
16	Therapeutic responses to tricyclic antidepressants and related drugs in non-affective disorder patient populations. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 1985 , 9, 3-13	5.5	20
15	Biological alterations in the primary affective disorders and other tricyclic-responsive disorders. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 1985 , 9, 15-24	5.5	9
14	A comparison between the growth hormone responses to amphetamine and clonidine. <i>Psychiatry Research</i> , 1985 , 16, 79-82	9.9	7
13	A benzodiazepine receptor-mediated model of anxiety. Studies in nonhuman primates and clinical implications. <i>Archives of General Psychiatry</i> , 1984 , 41, 741-50		157
12	Psychophysiological changes during pharmacological treatment of patients with obsessive compulsive disorder. <i>British Journal of Psychiatry</i> , 1984 , 145, 39-44	5.4	14
11	Biological markers in obsessive-compulsive and affective disorders. <i>Journal of Psychiatric Research</i> , 1984 , 18, 407-23	5.2	39

10	Neuroendocrine and behavioral effects of m-chlorophenylpiperazine administration in rhesus monkeys. <i>Life Sciences</i> , 1984 , 34, 1325-31	6.8	56
9	D-amphetamine in obsessive-compulsive disorder. <i>Psychopharmacology</i> , 1983 , 80, 231-5	4.7	58
8	Growth hormone response to clonidine in obsessive-compulsive patients. <i>British Journal of Psychiatry</i> , 1983 , 142, 184-7	5.4	73
7	Parents of patients with obsessive-compulsive disorder. <i>Psychological Medicine</i> , 1983 , 13, 807-11	6.9	58
6	Obsessive-compulsive disorder. A double-blind trial of clomipramine and clorgyline. <i>Archives of General Psychiatry</i> , 1983 , 40, 605-12		305
5	The sleep of patients with obsessive-compulsive disorder. <i>Archives of General Psychiatry</i> , 1982 , 39, 137	2-7	182
4	The dexamethasone suppression test in patients with primary obsessive-compulsive disorder. <i>Psychiatry Research</i> , 1982 , 6, 153-60	9.9	103
3	Growth hormone response to clonidine unchanged by chronic clorgyline treatment. <i>Psychiatry Research</i> , 1982 , 7, 139-44	9.9	33
2	Obsessive compulsive disorder-five clinical questions and a suggested approach. <i>Comprehensive Psychiatry</i> , 1982 , 23, 241-51	7.3	22
1	The psychopharmacological treatment of obsessive-compulsive disorder: a review. <i>Journal of Clinical Psychopharmacology</i> , 1981 , 1, 304-11	1.7	49