

Subhash C Pandey

List of Publications by Year in descending order

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114
papers

6,364
citations

57758

44
h-index

76900

74
g-index

130
all docs

130
docs citations

130
times ranked

4488
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain Chromatin Remodeling: A Novel Mechanism of Alcoholism. <i>Journal of Neuroscience</i> , 2008, 28, 3729-3737.	3.6	345
2	Higher Expression of Serotonin 5-HT _{2A} Receptors in the Postmortem Brains of Teenage Suicide Victims. <i>American Journal of Psychiatry</i> , 2002, 159, 419-429.	7.2	256
3	Platelet serotonin-2 receptor binding sites in depression and suicide. <i>Biological Psychiatry</i> , 1990, 28, 215-222.	1.3	212
4	Deficits in amygdaloid cAMP-responsive element-binding protein signaling play a role in genetic predisposition to anxiety and alcoholism. <i>Journal of Clinical Investigation</i> , 2005, 115, 2762-2773.	8.2	182
5	Potential role of adolescent alcohol exposure-induced amygdaloid histone modifications in anxiety and alcohol intake during adulthood. <i>Neurobiology of Disease</i> , 2015, 82, 607-619.	4.4	166
6	Cellular localization of serotonin _{2A} (5HT _{2A}) receptors in the rat brain. <i>Brain Research Bulletin</i> , 2000, 51, 499-505.	3.0	164
7	Central and Medial Amygdaloid Brain-Derived Neurotrophic Factor Signaling Plays a Critical Role in Alcohol-Drinking and Anxiety-Like Behaviors. <i>Journal of Neuroscience</i> , 2006, 26, 8320-8331.	3.6	162
8	Anxiety and alcohol abuse disorders: a common role for CREB and its target, the neuropeptide Y gene. <i>Trends in Pharmacological Sciences</i> , 2003, 24, 456-460.	8.7	149
9	The Decreased Phosphorylation of Cyclic Adenosine Monophosphate (cAMP) Response Element Binding (CREB) Protein in the Central Amygdala Acts as a Molecular Substrate for Anxiety Related to Ethanol Withdrawal in Rats. <i>Alcoholism: Clinical and Experimental Research</i> , 2003, 27, 396-409.	2.4	146
10	Partial Deletion of the cAMP Response Element-Binding Protein Gene Promotes Alcohol-Drinking Behaviors. <i>Journal of Neuroscience</i> , 2004, 24, 5022-5030.	3.6	146
11	Neuroscience of alcoholism: molecular and cellular mechanisms. <i>Cellular and Molecular Life Sciences</i> , 2010, 67, 73-88.	5.4	144
12	Effector Immediate-Early Gene Arc in the Amygdala Plays a Critical Role in Alcoholism. <i>Journal of Neuroscience</i> , 2008, 28, 2589-2600.	3.6	142
13	Aberrant Histone Deacetylase-Mediated Histone Modifications and Synaptic Plasticity in the Amygdala Predisposes to Anxiety and Alcoholism. <i>Biological Psychiatry</i> , 2013, 73, 763-773.	1.3	140
14	Effects of Estrogen Treatment on Expression of Brain-Derived Neurotrophic Factor and cAMP Response Element-Binding Protein Expression and Phosphorylation in Rat Amygdaloid and Hippocampal Structures. <i>Neuroendocrinology</i> , 2005, 81, 294-310.	2.5	126
15	The Decreased Cellular Expression of Neuropeptide Y Protein in Rat Brain Structures During Ethanol Withdrawal After Chronic Ethanol Exposure. <i>Alcoholism: Clinical and Experimental Research</i> , 2002, 26, 796-803.	2.4	117
16	Mechanisms of Persistent Neurobiological Changes Following Adolescent Alcohol Exposure: NADIA Consortium Findings. <i>Alcoholism: Clinical and Experimental Research</i> , 2019, 43, 1806-1822.	2.4	114
17	Histone Deacetylases (HDAC)-Induced Histone Modifications in the Amygdala: A Role in Rapid Tolerance to the Anxiolytic Effects of Ethanol. <i>Alcoholism: Clinical and Experimental Research</i> , 2012, 36, 61-71.	2.4	111
18	Epigenetic basis of the dark side of alcohol addiction. <i>Neuropharmacology</i> , 2017, 122, 74-84.	4.1	108

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19	The gene transcription factor cyclic AMP-responsive element binding protein: role in positive and negative affective states of alcohol addiction. , 2004, 104, 47-58.		101
20	A role for histone acetylation mechanisms in adolescent alcohol exposure-induced deficits in hippocampal brain-derived neurotrophic factor expression and neurogenesis markers in adulthood. Brain Structure and Function, 2016, 221, 4691-4703.	2.3	100
21	The role of amygdaloid brain-derived neurotrophic factor, activity-regulated cytoskeleton-associated protein and dendritic spines in anxiety and alcoholism. Addiction Biology, 2011, 16, 238-250.	2.6	96
22	Reversal of deficits in dendritic spines, BDNF and Arc expression in the amygdala during alcohol dependence by HDAC inhibitor treatment. International Journal of Neuropsychopharmacology, 2014, 17, 313-322.	2.1	86
23	The Epigenetic Landscape of Alcoholism. International Review of Neurobiology, 2014, 115, 75-116.	2.0	85
24	Binge-Like Alcohol Exposure During Adolescence Disrupts Dopaminergic Neurotransmission in the Adult Prelimbic Cortex. Neuropsychopharmacology, 2017, 42, 1024-1036.	5.4	85
25	Adolescent alcohol exposure alters lysine demethylase 1 (LSD1) expression and histone methylation in the amygdala during adulthood. Addiction Biology, 2017, 22, 1191-1204.	2.6	84
26	Emerging Role of Epigenetic Mechanisms in Alcohol Addiction. Alcoholism: Clinical and Experimental Research, 2017, 41, 666-680.	2.4	83
27	Epigenetic mechanisms of alcoholism and stress-related disorders. Alcohol, 2017, 60, 7-18.	1.7	79
28	Neuronal signaling systems and ethanol dependence. Molecular Neurobiology, 1998, 17, 1-15.	4.0	74
29	Adolescent Alcohol Exposure: Burden of Epigenetic Reprogramming, Synaptic Remodeling, and Adult Psychopathology. Frontiers in Neuroscience, 2016, 10, 222.	2.8	73
30	The lncRNA BDNF-AS is an epigenetic regulator in the human amygdala in early onset alcohol use disorders. Translational Psychiatry, 2019, 9, 34.	4.8	73
31	Effects of histone deacetylase inhibitors on amygdaloid histone acetylation and neuropeptide Y expression: a role in anxiety-like and alcohol-drinking behaviours. International Journal of Neuropsychopharmacology, 2014, 17, 1207-1220.	2.1	70
32	Estrogen Modulation of the Cyclic AMP Response Element-Binding Protein Pathway. Neuroendocrinology, 2001, 74, 227-243.	2.5	67
33	Effects of protracted nicotine exposure and withdrawal on the expression and phosphorylation of the CREB gene transcription factor in rat brain. Journal of Neurochemistry, 2001, 77, 943-952.	3.9	63
34	Neuropeptide Y Signaling in the Central Nucleus of Amygdala Regulates Alcohol-Drinking and Anxiety-Like Behaviors of Alcohol-Preferring Rats. Alcoholism: Clinical and Experimental Research, 2010, 34, 451-461.	2.4	62
35	Adolescent Alcohol Exposure Epigenetically Suppresses Amygdala Arc Enhancer RNA Expression to Confer Adult Anxiety Susceptibility. Biological Psychiatry, 2019, 85, 904-914.	1.3	62
36	Molecular mechanisms of synaptic remodeling in alcoholism. Neuroscience Letters, 2015, 601, 11-19.	2.1	61

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37	Effects of PKA modulation on the expression of neuropeptide Y in rat amygdaloid structures during ethanol withdrawal. <i>Peptides</i> , 2003, 24, 1397-1402.	2.4	60
38	Genome-wide methylation in alcohol use disorder subjects: implications for an epigenetic regulation of the cortico-limbic glucocorticoid receptors (NR3C1). <i>Molecular Psychiatry</i> , 2021, 26, 1029-1041.	7.9	57
39	Altered amygdala DNA methylation mechanisms after adolescent alcohol exposure contribute to adult anxiety and alcohol drinking. <i>Neuropharmacology</i> , 2019, 157, 107679.	4.1	56
40	Hyposensitivity to Gamma-Aminobutyric Acid in the Ventral Tegmental Area During Alcohol Withdrawal: Reversal by Histone Deacetylase Inhibitors. <i>Neuropsychopharmacology</i> , 2013, 38, 1674-1684.	5.4	50
41	Effects of acute ethanol exposure on anxiety measures and epigenetic modifiers in the extended amygdala of adolescent rats. <i>International Journal of Neuropsychopharmacology</i> , 2014, 17, 2057-2067.	2.1	50
42	Innate Differences in the Expression of Brain-Derived Neurotrophic Factor in the Regions Within the Extended Amygdala Between Alcohol Preferring and Nonpreferring Rats. <i>Alcoholism: Clinical and Experimental Research</i> , 2008, 32, 909-920.	2.4	49
43	Neurogenetic and Epigenetic Correlates of Adolescent Predisposition to and Risk for Addictive Behaviors as a Function of Prefrontal Cortex Dysregulation. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2015, 25, 286-292.	1.3	49
44	Neuroimmune and epigenetic involvement in adolescent binge ethanol-induced loss of basal forebrain cholinergic neurons: Restoration with voluntary exercise. <i>Addiction Biology</i> , 2020, 25, e12731.	2.6	49
45	Epigenetics-beyond the genome in alcoholism. , 2012, 34, 293-305.		47
46	Regulation of DNA methylation by ethanol induces tissue plasminogen activator expression in astrocytes. <i>Journal of Neurochemistry</i> , 2014, 128, 344-349.	3.9	44
47	Adolescent Alcohol Exposure-Induced Changes in Alpha-Melanocyte Stimulating Hormone and Neuropeptide Y Pathways via Histone Acetylation in the Brain During Adulthood. <i>International Journal of Neuropsychopharmacology</i> , 2017, 20, 758-768.	2.1	44
48	Differences in basal levels of CREB and NPY in nucleus accumbens regions between C57BL/6 and DBA/2 mice differing in inborn alcohol drinking behavior. <i>Journal of Neuroscience Research</i> , 2003, 74, 967-975.	2.9	43
49	The decreased cellular expression of neuropeptide Y protein in rat brain structures during ethanol withdrawal after chronic ethanol exposure. <i>Alcoholism: Clinical and Experimental Research</i> , 2002, 26, 796-803.	2.4	43
50	Effect of Ethanol Administration and Withdrawal on Serotonin Receptor Subtypes and Receptor-Mediated Phosphoinositide Hydrolysis in Rat Brain. <i>Alcoholism: Clinical and Experimental Research</i> , 1992, 16, 1110-1116.	2.4	42
51	The histone deacetylase inhibitor suberoylanilide hydroxamic acid (SAHA) alleviates depression-like behavior and normalizes epigenetic changes in the hippocampus during ethanol withdrawal. <i>Alcohol</i> , 2019, 78, 79-87.	1.7	41
52	The Decreased Cyclic-AMP Dependent-Protein Kinase A Function in the Nucleus Accumbens: A Role in Alcohol Drinking but not in Anxiety-Like Behaviors in Rats. <i>Neuropsychopharmacology</i> , 2006, 31, 1406-1419.	5.4	39
53	The Potential Role of Amygdaloid MicroRNA-494 in Alcohol-Induced Anxiolysis. <i>Biological Psychiatry</i> , 2016, 80, 711-719.	1.3	39
54	Involvement of the Cyclic AMP-Responsive Element Binding Protein Gene Transcription Factor in Genetic Preference for Alcohol Drinking Behavior. <i>Alcoholism: Clinical and Experimental Research</i> , 1999, 23, 1425-1434.	2.4	38

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55	Emerging Role of One-Carbon Metabolism and DNA Methylation Enrichment on $\hat{\Gamma}$ -Containing GABAA Receptor Expression in the Cerebellum of Subjects with Alcohol Use Disorders (AUD). <i>International Journal of Neuropsychopharmacology</i> , 2017, 20, 1013-1026.	2.1	38
56	Modulation of CREB expression and phosphorylation in the rat nucleus accumbens during nicotine exposure and withdrawal. <i>Journal of Neuroscience Research</i> , 2004, 77, 884-891.	2.9	37
57	Cannabinoid-1 receptor neutral antagonist reduces binge-like alcohol consumption and alcohol-induced accumbal dopaminergic signaling. <i>Neuropharmacology</i> , 2018, 131, 200-208.	4.1	37
58	Donepezil Reverses Dendritic Spine Morphology Adaptations and <i>Fmr1</i> Epigenetic Modifications in Hippocampus of Adult Rats After Adolescent Alcohol Exposure. <i>Alcoholism: Clinical and Experimental Research</i> , 2018, 42, 706-717.	2.4	36
59	Serotonin _{2C} Receptors and Serotonin _{2C} Receptor-Mediated Phosphoinositide Hydrolysis in the Brain of Alcohol-Preferring and Alcohol-Nonpreferring Rats. <i>Alcoholism: Clinical and Experimental Research</i> , 1996, 20, 1038-1042.	2.4	35
60	Chronic Alcohol Exposure Differentially Alters One-Carbon Metabolism in Rat Liver and Brain. <i>Alcoholism: Clinical and Experimental Research</i> , 2017, 41, 1105-1111.	2.4	35
61	Transcriptome analysis of alcohol-treated microglia reveals downregulation of beta amyloid phagocytosis. <i>Journal of Neuroinflammation</i> , 2018, 15, 141.	7.2	34
62	Effects of voluntary ethanol intake on the expression of Ca ²⁺ /calmodulin-dependent protein kinase IV and on CREB expression and phosphorylation in the rat nucleus accumbens. <i>NeuroReport</i> , 2001, 12, 4133-4137.	1.2	32
63	The development of a mouse model of mTBI-induced post-traumatic migraine, and identification of the delta opioid receptor as a novel therapeutic target. <i>Cephalalgia</i> , 2019, 39, 77-90.	3.9	32
64	Modulation of Cellular Expression of Glucocorticoid Receptor and Glucocorticoid Response Element-DNA Binding in Rat Brain during Alcohol Drinking and Withdrawal. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002, 301, 774-784.	2.5	31
65	DNA Methylation/Demethylation Network Expression in Psychotic Patients with a History of Alcohol Abuse. <i>Alcoholism: Clinical and Experimental Research</i> , 2013, 37, 417-424.	2.4	31
66	Adolescent Alcohol Exposure Alters GABA _A Receptor Subunit Expression in Adult Hippocampus. <i>Alcoholism: Clinical and Experimental Research</i> , 2014, 38, 2800-2808.	2.4	31
67	Prenatal stress leads to chromatin and synaptic remodeling and excessive alcohol intake comorbid with anxiety-like behaviors in adult offspring. <i>Neuropharmacology</i> , 2018, 140, 76-85.	4.1	31
68	Targeted epigenomic editing ameliorates adult anxiety and excessive drinking after adolescent alcohol exposure. <i>Science Advances</i> , 2022, 8, eabn2748.	10.3	30
69	cAMP Signaling Cascade: A Promising Role in Ethanol Tolerance and Dependence. <i>Alcoholism: Clinical and Experimental Research</i> , 2001, 25, 46S-48S.	2.4	26
70	A Critical Role of Brain-Derived Neurotrophic Factor in Alcohol Consumption. <i>Biological Psychiatry</i> , 2016, 79, 427-429.	1.3	26
71	Ethanol acts on KCNK13 potassium channels in the ventral tegmental area to increase firing rate and modulate binge-like drinking. <i>Neuropharmacology</i> , 2019, 144, 29-36.	4.1	25
72	Dose and Time Effects of Estrogen on Expression of Neuron-Specific Protein and Cyclic AMP Response Element-Binding Protein and Brain Region Volume in the Medial Amygdala of Ovariectomized Rats. <i>Neuroendocrinology</i> , 2008, 88, 111-126.	2.5	23

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73	MicroRNA-137 Drives Epigenetic Reprogramming in the Adult Amygdala and Behavioral Changes after Adolescent Alcohol Exposure. <i>ENeuro</i> , 2019, 6, ENEURO.0401-19.2019.	1.9	23
74	Role of Growth Arrest and DNA Damage-Inducible, Beta in Alcohol-Drinking Behaviors. <i>Alcoholism: Clinical and Experimental Research</i> , 2016, 40, 263-272.	2.4	21
75	Histone modifications, DNA methylation, and the epigenetic code of alcohol use disorder. <i>International Review of Neurobiology</i> , 2021, 156, 1-62.	2.0	21
76	Adolescent alcohol exposure epigenetically regulates CREB signaling in the adult amygdala. <i>Scientific Reports</i> , 2018, 8, 10376.	3.3	20
77	TLR4-MyD88 signalling: a molecular target for alcohol actions. <i>British Journal of Pharmacology</i> , 2012, 165, 1316-1318.	5.4	19
78	Essential Role of Histone Methyltransferase G9a in Rapid Tolerance to the Anxiolytic Effects of Ethanol. <i>International Journal of Neuropsychopharmacology</i> , 2019, 22, 292-302.	2.1	19
79	Stress, epigenetics, and alcoholism. , 2012, 34, 495-505.		19
80	PERIPHERAL ADRENERGIC RECEPTORS IN AFFECTIVE ILLNESS AND SCHIZOPHRENIA. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1990, 66, 13-36.	0.0	18
81	Acute and Chronic Ethanol Consumption Effects on the Immunolabeling of Gq/11 Subunit Protein and Phospholipase C Isozymes in the Rat Brain. <i>Journal of Neurochemistry</i> , 2002, 67, 2355-2361.	3.9	18
82	Estrogen affects levels of Bcl-2 protein and mRNA in medial amygdala of ovariectomized rats. <i>Journal of Neuroscience Research</i> , 2008, 86, 3655-3664.	2.9	16
83	Transcriptomics identifies STAT3 as a key regulator of hippocampal gene expression and anhedonia during withdrawal from chronic alcohol exposure. <i>Translational Psychiatry</i> , 2021, 11, 298.	4.8	16
84	Effect of Histone Deacetylase Inhibitor on Ethanol Withdrawal-Induced Hyperalgesia in Rats. <i>International Journal of Neuropsychopharmacology</i> , 2019, 22, 523-527.	2.1	15
85	Epigenetic Regulation of GABAergic Neurotransmission and Neurosteroid Biosynthesis in Alcohol Use Disorder. <i>International Journal of Neuropsychopharmacology</i> , 2021, 24, 130-141.	2.1	15
86	Current and Future Perspectives of Noncoding RNAs in Brain Function and Neuropsychiatric Disease. <i>Biological Psychiatry</i> , 2022, 91, 183-193.	1.3	15
87	Estrogen affects the expression of Ca ²⁺ /calmodulin-dependent protein kinase IV in amygdala. <i>NeuroReport</i> , 2001, 12, 2987-2990.	1.2	14
88	Blockade of cyclic AMP-responsive element DNA binding in the brain of CREB ^{+/+} mutant mice. <i>NeuroReport</i> , 2000, 11, 2577-2579.	1.2	12
89	Acute Ethanol Produces Ataxia and Induces Fmr1 Expression via Histone Modifications in the Rat Cerebellum. <i>Alcoholism: Clinical and Experimental Research</i> , 2019, 43, 1191-1198.	2.4	12
90	Potential role for histone deacetylation in chronic diazepam-induced downregulation of GABA _A receptor subunit expression. <i>Pharmacology Research and Perspectives</i> , 2018, 6, e00416.	2.4	11

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91	Histone Deacetylase Inhibitor Suberanilohydroxamic Acid Treatment Reverses Hyposensitivity to β -Aminobutyric Acid in the Ventral Tegmental Area During Ethanol Withdrawal. <i>Alcoholism: Clinical and Experimental Research</i> , 2018, 42, 2160-2171.	2.4	11
92	Alcohol Makes Its Epigenetic Marks. <i>Cell Metabolism</i> , 2020, 31, 213-214.	16.2	11
93	Regulation of AP-1 gene transcription factor binding activity in the rat brain during nicotine dependence. <i>Neuroscience Letters</i> , 1999, 264, 21-24.	2.1	10
94	Human Plasma BDNF Is Associated With Amygdala-Prefrontal Cortex Functional Connectivity and Problem Drinking Behaviors. <i>International Journal of Neuropsychopharmacology</i> , 2020, 23, 1-11.	2.1	8
95	Prenatal stress induced chromatin remodeling and risk of psychopathology in adulthood. <i>International Review of Neurobiology</i> , 2021, 156, 185-215.	2.0	8
96	cAMP Signaling Cascade: A Promising Role in Ethanol Tolerance and Dependence. <i>Alcoholism: Clinical and Experimental Research</i> , 2001, 25, 46S-48S.	2.4	8
97	Epigenetic modulation of intestinal Na ⁺ /H ⁺ exchanger-3 expression. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 314, G309-G318.	3.4	7
98	An operant ethanol self-administration paradigm that discriminates between appetitive and consummatory behaviors reveals distinct behavioral phenotypes in commonly used rat strains. <i>Neuropharmacology</i> , 2021, 201, 108836.	4.1	6
99	Researching Mitigation of Alcohol Binge Drinking in Polydrug Abuse: KCNK13 and RASGRF2 Gene(s) Risk Polymorphisms Coupled with Genetic Addiction Risk Severity (GARS) Guiding Precision Pro-Dopamine Regulation. <i>Journal of Personalized Medicine</i> , 2022, 12, 1009.	2.5	6
100	Anxiety and Alcohol Use Disorders. , 2014, , 451-466.		4
101	Persistence of cerebellar ataxia during chronic ethanol exposure is associated with epigenetic up-regulation of <i>Fmr1</i> gene expression in rat cerebellum. <i>Alcoholism: Clinical and Experimental Research</i> , 2021, 45, 2006-2016.	2.4	4
102	Epigenetic Mechanisms Underlying Pathobiology of Alcohol Use Disorder. <i>Current Pathobiology Reports</i> , 2020, 8, 61-73.	3.4	3
103	Essential role for neuronal nitric oxide synthase in acute ethanol-induced motor impairment. <i>Nitric Oxide - Biology and Chemistry</i> , 2020, 100-101, 50-56.	2.7	3
104	Epigenetic regulation of enhancer RNAs in neuropsychiatric disease and addiction. <i>Epigenomics</i> , 2020, 12, 889-892.	2.1	2
105	CB1 receptor neutral antagonist treatment epigenetically increases neuropeptide Y expression and decreases alcohol drinking. <i>Neuropharmacology</i> , 2021, 195, 108623.	4.1	2
106	The Decreased Cellular Expression of Neuropeptide Y Protein in Rat Brain Structures During Ethanol Withdrawal After Chronic Ethanol Exposure. <i>Alcoholism: Clinical and Experimental Research</i> , 2002, 26, 796-803.	2.4	2
107	Acute and Protracted Prenatal Stress Produce Mood Disorder-Like and Ethanol Drinking Behaviors in Male and Female Adult Offspring. <i>Frontiers in Behavioral Neuroscience</i> , 0, 16, .	2.0	1
108	HPLC. , 2010, , 603-604.		0

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109	Common Molecular Mechanisms and Neurocircuitry in Alcohol and Nicotine Addiction. , 2013, , 261-270.		0
110	Preface. International Review of Neurobiology, 2014, 115, xi-xiii.	2.0	0
111	Preface. International Review of Neurobiology, 2021, 156, xi-xiii.	2.0	0
112	Estrogen alters mean numbers of NeuN-labeled neurons in the medial amygdala (MeA) of ovariectomized (OVX) rats in a dose- and time-dependent manner. FASEB Journal, 2007, 21, A597.	0.5	0
113	Estrogen Affects Expression of Bcl-2 Protein in Medial Amygdala of Ovariectomized Rats in a Time-dependent Manner. FASEB Journal, 2008, 22, 26-26.	0.5	0
114	Histone Deacetylase Inhibitors. , 2014, , 1-4.		0