

Publication List Henrik Walter

Original articles

In press/accepted for publication/E-pub

- (1) Charlet K, Schlagenhaut F, Richter A, Naundorf K, Dornhof L, Weinfurter C, König F, Walaszek B, Schubert F, Müller C, Gutwinski S, Seissinger A, Schmitz L, **Walter H**, Beck A, Gallinat J, Kiefer F, Heinz A (2013) Neuronal activation during processing of aversive faces predicts treatment outcome in alcoholism. *Addiction Biology* 2013 Mar 7. doi: 10.1111/adb.12045. PMID: 23469861 **(5,914)**
- (2) Ciaramidaro A, Becchio C, Colle L, Bara BG, **Walter H** (2013) Do you mean me? Communicative intentions recruit the mirror and mentalizing system. *Social, Cognitive and Affective Neuroscience*, 2013 Jul 3. [Epub ahead of print] PMID: 23620602 **(5,042)**
- (3) Gaebler M, Daniels JK, Lamke JP, Fydrich T, **Walter H** (2013) Heart-rate variability and its neural correlates during emotional face processing in social anxiety disorder. *Biological Psychology* 94(2):319-330. **(3,399)**
- (4) Degenhardt F, Priebe L, Meier S, Lennert L, Witt SH, Hofmann A, Becker T, Mössner R, Maier W, Nenadic I, Sauer H, Mattheisen M, Buizer-Voskamp, J, Ophoff R, Rujescu D, Giegling I, Ingason A, Wagner M, Delobel B, Meyer-Lindenberg A, Heinz A, **Walter H**, Moebus S, Corvin A, Stefanson H, Rietschel M, Nöthen MM, Cichon S, Streit F (2013) Duplications in RB1CC1 are associated with schizophrenia: Identification in large European sample sets. *Translational Psychiatry*, accepted 27.9.2013.
- (5) Korn CW, Sharot T, **Walter H**, Heekeren HR, Dolan RJ (2013) Depression is related to an absence of optimistically biased belief updating about future life events. *Psychological Medicine Psychol Med.* 2013 May 15:1-14. [Epub ahead of print] PMID: 23672737 **(5,587)**
- (6) Krüger F, Hoffmann M, **Walter H**, Grafman J (2013) An fMRI investigation of the effects of belief in free will in third-party punishment. *Social, Cognitive and Affective Neuroscience*, 2013, accepted for publication **(5,042)**
- (7) Li M, Luo X-J, Rietschel, M, Lewis CM, Mattheisen M, Müller-Myhsok, B, Jamain, S, Leboyer M, Landén M, Thompson PM, Cichon S, Nöthen MM, Schulze TG, Sullivan PF, Bergen SE, Donohoe G, Craig IW, Morris DW, Haregreaves A, Gill M, Corvin A, Hultman C, Thelander EF; Toga AW, Shi L, Shi H, Meyer-Lindenberg A, Czamara d, Henry C, Bellivier F, Etain B, Bis JC, Ikram MA, Fornage M, Debette S, Launer LJ, Seshadri S, Erk S, **Walter H**, Heinz A, MoodS Bipolar Consortium*, The Swedish Bipolar Study Group*, Gan L, Weinberg DR, Su B (2013) Allelic differences between Europeans and Chinese for CREB1 SNPs and their implications in gene expression regulation, hippocampal structure and function and bipolar disorder susceptibility. *Molecular Psychiatry, Mol Psychiatry* 2013 Apr 9. doi: 10.1038/mp.2013.37. [Epub ahead of print]. PMID: 23568192 (Corrigendum May 14) **(14,897)**

- (8) Ludwig VU, Stelzel C, Krutiak H, Steimke R, Magrabi A, Rangel A, Kathmann N, **Walter H** (2013) The Suggestible Brain: Posthypnotic Effects on Value-Based Decision-Making. *Social, Cognitive and Affective Sciences*, Advance Access published August 21, 2013, doi:10.1093/scan/nst110 **(5,042)**
- (9) Müller S, **Walter H**, Christen M (2013) When benefitting a patient increases the risk for harm for third persons – the case of treating pedophilic Parkinsonian patients with deep brain stimulation. *International Journal of Law and Psychiatry*, accepted for publication (16.05.2013) (0,704)
- (10) Wiers CE, Stelzel C, Park SQ, Gawron C, Ludwig V, Gutwinski S, Heinz A, Lindenmeyer J, Wiers RW, **Walter H***, Bermpohl F* (2013) Neural Mechanisms of Alcohol Approach Bias in Alcohol Addiction: the Spirit is Willing but the Flesh is Weak for Spirits. *Neuropsychopharmacology*, 2013 Sep 20. doi: 10.1038/npp.2013.252. [Epub ahead of print]25.07.13. (* shared last authorship)

2013

- (11) Bernal-Casas D, Balaguer-Ballester E, Gerchen MF, Iglesias S, **Walter H**, Heinz A, Meyer-Lindenberg A, Stephan KE, Kirsch P (2013) Multi-site reproducibility of prefrontal-hippocampal connectivity estimates by stochastic DCM. *NeuroImage* Nov 15;82:555-63. **(6,252)**
- (12) Cabanis M, Pyka M, Mehl S, Müller BW, Loos-Jankowiak S, Winterer G, Wölwer W, Musso F, Klingberg S, Rapp AM, Langohr K, Wiedemann G, Herrlich J, **Walter H**, Wagner M, Schnell K, Vogeley K, Kockler H, Shah NJ, Stöcker T, Thienel R, Pauly K, Krug A, Kircher T (2013) The precuneus and the insula in self-attributional processes. *Cognitive, Affective and Behavioral Neuroscience* 13(2):330-45. **(3,866)**
- (13) Erk S*, Meyer-Lindenberg A*, Schmierer P, Mohnke S, Grimm O, Garbusow M, Hadda L, Poehland L, Mühleisen TW, Witt SH, Nöthen MM, Rietschel M, Heinz A*, **Walter H*** (2013) Functional impact of a recently identified quantitative trait locus for hippocampal volume with genome-wide support. *Translational Psychiatry*, e287.(noch kein IF)
- (14) Gaebler M, Daniels JK, Lamke JP, Fydrich T, **Walter H** (2013) Heart-rate variability and its neural correlates during emotional face processing in social anxiety disorder. *Biological Psychology* 94(2):319-330. **(3,399)**
- (15) Holtmann J, Herbort MC, Wüstenberg T, Soch J, Richter S, **Walter H**, Röpke S, Schott B (2013). Trait anxiety modulates fronto-limbic processing of emotional interference in borderline personality disorder. *Frontiers in Human Neuroscience* 7:54. **(2,900)**
- (16) Ludwig VU, Stelzel C, Krutiak H, Prunkl CE, Steimke R, Paschke LM, Kathmann N, **Walter H** (2013) Impulsivity, self-control, and hypnotic suggestibility. *Consciousness and Cognition* 22(2), 637-653. **(2,027)**
- (17) Müller S, **Walter H** (2013) Wherein does society's sin against psychopaths consist? *American Journal of Bioethics Neuroscience* 4:2, 27-29. **(4,083)**
- (18) Pankow A, Friedel E, Sterzer P, Seiferth N, **Walter H**, Heinz A, Schlagenhaut F (2013). Altered amygdala activation in schizophrenia patients during emotion processing. *Schizophrenia Research* 150(1):101-6. **(4,590)**
- (19) Priebe L, Degenhardt F, Strohmaier J, Breuer R, Herms S, Witt SJ, Hoffmann P, Kulbidaa R, Mattheisen M, Moebus S, Meyer-Lindenberg A, **Walter H**, Mössner R, Nenadicj I, Sauer H, Rujescu D, Maier W, Rietschel M, Nöthen MM, Cichon S (2013). Copy Number Variants in German Patients with Schizophrenia. *PLoS One*, 8(7):e64035. **(3,730)**
- (20) Sachse M, Schlitt S, Hainz D, Ciaramidaro A, Schirman S, **Walter H**, Poustka F, Bölte S, Freitag CM (2013) Executive and visuo-motor function in adolescents and adults with autism spectrum disorder. *Journal of Autism and Developmental Disorders* 43:1222–1235. **(3,723)**
- (21) Schiffer B, Pawliczek C, Müller BW, Gizewski ER, **Walter H** (2013) Why don't men understand women? Altered neural networks for reading the language of male and female eyes. *PLoSOne* 8(4) e60278. **(3,730)**

- (22) Schott B, Wüstenberg T, Wimber M, Fenker D, Zierhut K, Seidenbecher C, Heinze H-J, **Walter H**, Duzel E, Richardson-Klavehn A (2013) The relationship between level of processing and hippocampal-cortical functional connectivity during episodic memory formation in humans. *Human Brain Mapping* 34(2):407-234. **(5,88)**
- (23) Wiers CE, Kühn S, Javadi AH, Korucuoglu Ö, Wiers RW, **Walter H**, Gallinat J, Bermanpohl F (2013) Automatic approach bias towards smoking cues prevails in heavy smokers but vanishes in ex-smokers. *Psychopharmacology* 229(1):187-97. **(4,061)**

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- (24) Bilkei-Gorzo A*, Erk S*, Schürmann B, Mauer D, Boecker H, Scheef L, **Walter H***, Zimmer A* (2012) Dynorphins regulate fear memory: from mice to men. *Journal of Neuroscience* 32(27):9335–9343 (*contributed equally). **(6,908)**
- (25) Bölte S Schlitt S, Gapp V, Hainz D, Schirrmann S, Poustka F, Weber B, Freitag C, Ciaramidaro A, **Walter H** (2011) The Eagle-Eyed Visual Acuity Hypothesis of Autism (2012) A Non-Replication. *Journal of Autism and Developmental Disorders* 42(5):726-33. Epub 2011 June 10 **(3,723)**
- (26) Braun U, Plichta MM, Esslinger C, Sauer C, Haddad L, Grimm O, Mier D, Mohnke S, Heinz A, Erk S, **Walter H**, Seiferth N, Kirsch P, Meyer-Lindenberg (2012) Test-retest reliability of resting state connectivity network characteristics using fMRI and graph theoretical measures. *Neuroimage* 59(2):1404-12 **(6,252)**
- (27) Christen M, Müller S, Bittlinger M, **Walter H**, Brugger P (2012) Dealing with side effects in deep brain stimulation: Lessons learned from stimulating the STN, *AJOB Neuroscience* 3(1):37-43. **(4,083)**
- (28) Degenhardt FA, Priebe L, Herms S, Mattheisen M, Mühleisen TW, Meier S, Moebus S, Strohmaier J, Groß M, Breuer R, Lange C, Hoffmann P, Meyer-Lindenberg A, Heinz A, **Walter H**, Lucae S, Wolf C, Müller-Myhsok B, Holsboer F, Maier W, Rietschel M, Nöthen MM, Cichon S (2012) Association between copy number variants in 16p11.2 and major depressive disorder in a German case-control sample. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, 159B(3):263-273 **(3,231)**
- (29) Korn CW, Prehn K, Park SQ, **Walter H**, Heekeren HR (2012) Positively biased processing of social feedback. *Journal of Neuroscience* 32(47):16832-44. **(6,908)**
- (30) Matura K, Muth K, Magerkurth J, **Walter H**, Klein J, Haenschel C, Pantel J (2012) Neural correlates of autobiographical memory in amnesic mild cognitive impairment. *Psychiatry Research: Neuroimaging* 201(2): 159–167 **(3,364)**
- (31) Onur OA, Patin A, Mihov Y, Buecher B, Stoffel-Wagner B, Schlaepfer TE, **Walter H**, Maier W, Hurlmann R (2012) Overnight deprivation from smoking disrupts amygdala responses to fear. *Human Brain Mapping* 33(6):1407-16. **(6,878)**
- (32) Petrovsky N, Ettinger U, Quednow BB, **Walter H**, Schnell K, Kessler H, Mössner R, Maier W, Wagner M (2012). Nicotine differentially modulates antisaccade performance in healthy male non-smokers stratified for low and high accuracy. *Psychopharmacology (Berl)*. 221(1):27-38. Epub 2011 Oct 29. **(4,061)**
- (33) Rietschel M, Mattheisen M, Degenhardt F; GROUP Investigators; Genetic Risk and Outcome in Psychosis (GROUP Investigators), Kahn RS, Linszen DH, Os JV, Wiersma D, Bruggeman R, Cahn W, de Haan L, Krabbendam L, Myin-Germeys I, Mühleisen TW, Kirsch P, Esslinger C, Herms S, Demontis D, Steffens M, Strohmaier J, Haenisch B, Breuer R, Czerski PM, Giegling I, Strengman E, Schmael C, Mors O, Mortensen PB, Hougaard DM, Orntoft T, Kapelski P, Priebe L, Basmanav FB, Forstner AJ, Hoffmann P, Meier S, Nikitopoulos J, Moebus S, Alexander M, Mössner R, Wichmann HE, Schreiber S, Rivandeneira F, Hofman A, Uitterlinden

AG, Wienker TF, Schumacher J, Hauser J, Maier W, Cantor RM, Erk S, Schulze TG; SGENE-plus Consortium; (Only those persons responsible for the samples of Replication 2 are listed), Stefansson H, Steinberg S, Gustafsson O, Sigurdsson E, Petursson H, Kong A, Stefansson K, Pietiläinen OP, Tuulio-Henriksson A, Paunio T, Lonqvist J, Suvisaari J, Peltonen L, Ruggieri M, Tosato S, Walshe M, Murray R, Collier DA, Clair DS, Hansen T, Ingason A, Jakobsen KD, Duong L, Werge T, Melle I, Andreassen OA, Djurovic S, Bitter I, Réthelyi JM, Abramova L, Kaleda V, Golimbet V, Jönsson EG, Terenius L, Agartz I, Winkel RV, Kenis G, Hert MD, Veldink J, Wiuf C, Didriksen M, Craddock N, Owen MJ, O'Donovan MC, Børghlum AD, Rujescu D, **Walter H**, Meyer-Lindenberg A, Nöthen MM, Ophoff RA, Cichon S (2012) Association between genetic variation in a region on chromosome 11 and schizophrenia in large samples from Europe. *Molecular Psychiatry* 17(9):906-17. [Epub 2011 Jul 12]. **(14,897)**

- (34) Stein JL, Medland SE, Vasquez AA, Hibar DP, Senstad RE, Winkler AM, Toro R, Appel K, Bartecek R, Bergmann Ø, Bernard M, Brown AA, Cannon DM, Chakravarty MM, Christoforou A, Domin M, Grimm O, Hollinshead M, Holmes AJ, Homuth G, Hottenga JJ, Langan C, Lopez LM, Hansell NK, Hwang KS, Kim S, Laje G, Lee PH, Liu X, Loth E, Lourdasamy A, Mattingsdal M, Mohnke S, Maniega SM, Nho K, Nugent AC, O'Brien C, Papmeyer M, Pütz B, Ramasamy A, Rasmussen J, Rijpkema M, Risacher SL, Roddey JC, Rose EJ, Ryten M, Shen L, Sprooten E, Strengman E, Teumer A, Trabzuni D, Turner J, van Eijk K, van Erp TG, van Tol MJ, Wittfeld K, Wolf C, Woudstra S, Aleman A, Alhusaini S, Almasy L, Binder EB, Brohawn DG, Cantor RM, Carless MA, Corvin A, Czisch M, Curran JE, Davies G, de Almeida MA, Delanty N, Depondt C, Duggirala R, Dyer TD, Erk S, Fagerness J, Fox PT, Freimer NB, Gill M, Göring HH, Hagler DJ, Hoehn D, Holsboer F, Hoogman M, Hosten N, Jahanshad N, Johnson MP, Kasperaviciute D, Kent JW Jr, Kochunov P, Lancaster JL, Lawrie SM, Liewald DC, Mandl R, Matarin M, Mattheisen M, Meisenzahl E, Melle I, Moses EK, Mühleisen TW, Nauck M, Nöthen MM, Olvera RL, Pandolfo M, Pike GB, Puls R, Reinvang I, Rentería ME, Rietschel M, Roffman JL, Royle NA, Rujescu D, Savitz J, Schnack HG, Schnell K, Seiferth N, Smith C, Steen VM, Valdés Hernández MC, Van den Heuvel M, van der Wee NJ, Van Haren NE, Veltman JA, Völzke H, Walker R, Westlye LT, Whelan CD, Agartz I, Boomsma DI, Cavalleri GL, Dale AM, Djurovic S, Drevets WC, Hagoort P, Hall J, Heinz A, Jack CR Jr, Foroud TM, Le Hellard S, Macciardi F, Montgomery GW, Poline JB, Porteous DJ, Sisodiya SM, Starr JM, Sussmann J, Toga AW, Veltman DJ, **Walter H**, Weiner MW; Alzheimer's Disease Neuroimaging Initiative; EPIGEN Consortium; IMAGEN Consortium; Saguenay Youth Study Group, Bis JC, Ikram MA, Smith AV, Gudnason V, Tzourio C, Vernooij MW, Launer LJ, DeCarli C, Seshadri S; Cohorts for Heart and Aging Research in Genomic Epidemiology Consortium, Andreassen OA, Apostolova LG, Bastin ME, Blangero J, Brunner HG, Buckner RL, Cichon S, Coppola G, de Zubicaray GI, Deary IJ, Donohoe G, de Geus EJ, Espeseth T, Fernández G, Glahn DC, Grabe HJ, Hardy J, Hulshoff Pol HE, Jenkinson M, Kahn RS, McDonald C,

McIntosh AM, McMahon FJ, McMahon KL, Meyer-Lindenberg A, Morris DW, Müller-Myhsok B, Nichols TE, Ophoff RA, Paus T, Pausova Z, Penninx BW, Potkin SG, Sämann PG, Saykin AJ, Schumann G, Smoller JW, Wardlaw JM, Weale ME, Martin NG, Franke B, Wright MJ, Thompson PM; Enhancing Neuro Imaging Genetics through Meta-Analysis Consortium (2012) Identification of common variants associated with human hippocampal and intracranial volumes. *Nature Genetics*, (84)44(5):552-61. **(35,532)**

- (35) Stingl JC, Esslinger C, Tost H, Bilek E, Kirsch P, Ohmle B, Viviani R, **Walter H**, Rietschel M, Meyer-Lindenberg A (2012) Genetic variation in CYP2D6 impacts neural activation during cognitive tasks humans. *Neuroimage* 59(3):2818-2 **(6,252)**
- (36) Wagner U, Handke L, Dörfel D, **Walter H** (2012) An experimental decision-making paradigm to distinguish guilt and regret and their self-regulating function via loss-averse choice behaviour. *Frontiers in Emotion Science* 3; 431. PMID: 23133433 (noch kein IF)

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- (37) Erk S, Meyer-Lindenberg A, Opitz von Boberfeld C, Esslinger C, Schnell K, Kirsch P, Matteheisen M., Mühleisen T, Cichon S, Witt S, Rietschel M, Nöthen M, **Walter H** (2011) Hippocampal function in healthy carriers of the CLU Alzheimer's disease risk variant. *Journal of Neuroscience* 49:18180-18184. **(7,115)**
- (38) Erk S, Spottke A, Meisen A, Wagner M, **Walter H**, Jessen F (2011) Evidence for neuronal compensation during episodic memory in subjective memory impairment. *Archives of General Psychiatry*, 68(8):845-852. **(12,016)**
- (39) Esslinger C, Kirsch P, Haddad L, Mier D, Sauer C, Erk E, Schnell K, Arnold C, Witt SH, Rietschel M, Cichon S, **Walter H**, Meyer-Lindenberg A (2011) Cognitive state and connectivity effects of the genome-wide significant psychosis variant in ZNF804A. *NeuroImage* 54(3): 2514-2523. **(5,895)**
- (40) Schleim S, Spranger T, Erk S, **Walter H** (2011) From moral to legal judgment: The influence of context in lawyers and other academics. *SCAN* 6(1):48-57. (Epub 2010 Mar 1) **(6,132)**
- (41) Schnell K, Bluschke S, Konradt B, **Walter H** (2011) Functional relations of empathy and mentalizing: an fMRI study on the neural basis of cognitive empathy. *Neuroimage* 54(2):1743-54 **(5,895)**
- (42) Staudinger M, Erk S, **Walter H** (2011) Dorsolateral prefrontal cortex modulates striatal reward encoding during reappraisal of reward anticipation. *Cerebral Cortex* 21(11):2578-8. **(6,544)**
- (43) **Walter H**, Schnell K, Erk S, Arnold C, Kirsch P, Esslinger C, Mier D, Schmittgen MM, Rietschel M, Witt SH, Nöthen MM, Cichon S, Meyer-Lindenberg A (2011) Effects of a Genome-Wide Supported Psychosis Risk Variant on Neural Activation during a Theory-of-Mind Task. *Molecular Psychiatry* 16:462-470. **(13,668)**
- (44) Zweynert S, Pade JP, Wüstenberg T, Sterzer P, **Walter H**, Seidenbecher C, Richardson-Klavehn A, Duzel E, Schott B (2011) Motivational salience modulates

hippocampal repetition suppression and functional connectivity in humans. *Frontiers in Human Neuroscience* 5:144. **(2,339)**

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- (45) Abler B, Hofer C, **Walter H**, Erk S, Hoffmann H, Traue HC, Kessler H (2010) Habitual emotion regulation strategies and depressive symptoms in healthy subjects predict fMRI brain activation patterns related to major depression. *Psychiatry Research Neuroimaging* 183(2):105-113. **(2,064)**
- (46) Caulfield T, Rachul C, Zarzeczny A, **Walter H** (2010) Sensationalizing Scanning? Mapping the Coverage of Neuroimaging Research. *Scripted* 7(3): 421-428.
- (47) Erk S, Kalckreuth A, **Walter H** (2010) Neural long-term effects of emotion regulation on episodic memory processes. *Neuropsychologia* 48(4):989-96. **(3,949)**
- (48) Erk S, Meyer-Lindenberg A, Schnell K, Opitz von Boberfeld C, Esslinger Ch, Kirsch P, Grimm O, Arnold C, Haddad L, Witt SH, Cichon S, Nothen MM, Rietschel M, **Walter H** (2010) Brain function in carriers of a genom-wide supported bipolar disorder variant. *Archives of General Psychiatry* 67(8):803-811. **(10,782)**
- (49) Erk S, Mikschl A, Stier S, Ciaramidaro A, Gapp V, Weber B, **Walter H** (2010) Acute and sustained effects of cognitive emotion regulation in major depression. *J Neuroscience* 30(47):15726 –15734. **(7,271)**
- (50) Feyder M, Karlsson RM, Mathur P, Lyman M, Bock R, Momenan R, Munasinghe J, Scattoni ML, Strathdee D, Begg A, Alvarez VA, Kirsch P, Rietschl M Cichon S **Walter H**, Meyer-Lindenberg A, Grant SGN, Holms A (2010) Association of mouse *Dlg4* (*PSD-95*) gene deletion and human *DLG4* gene variation with phenotypes relevant to autism spectrum disorders and Williams' syndrome. *American Journal of Psychiatry* 167:1508-1517. **(12,759)**
- (51) Fladung A-K, Grön G, Grammer K, Herrnberg B, Schilly E, Grasteit S, Wolf RC, **Walter H**, von Wietersheim J (2010) A neural signature of anorexia nervosa in the ventral striatal reward system. *Am J Psychiatry* 167(2): 206-12. **(12,759)**
- (52) Hurlmann R, **Walter H**, Rehme AK, Kukolja J, Santoro SC, Schnell K, Musshoff F, Keyzers C, Maier W, Kendrick K, Onur OA (2010) Human amygdala is diminished by the beta-noradrenergic antagonist propranolol. *Psychol Med* 1839-48. (Epub 2010 Jan 27) **(5,200)**.
- (53) Müller S, **Walter H** (2010) Implications of the neurosciences and the free will debate for the principle of respect for the patient's autonomy. *Cambridge Quarterly of Health Care Ethics* 19(2):205-17. **(0,712)**
- (54) Rietschel M, Mattheisen M, Frank J, Treutlein J, Degenhardt F, Breuer R, Steffens M, Mier D, Esslinger C, **Walter H**, Kirsch P, Erk S, Schnell K, Herms S, Wichmann H-E, Schreiber S, Dragano N, Strohmaier J, Roeske D, Gross M, Hoefels S, Lucae S, Binder EG, Wienker TF, Schulze TG, Schmääl C, Zimmer A, Bettecken T, Meyer-Lindenberg A, Müller-Mysok B, Maier W, Nöthen MM, Sven Cichon S (2010) Genome-wide association-, replication- and neuroimaging study in German samples

- implicates HOMER1 in the aetiology of major depression. *Biological Psychiatry* 68(6):578-85. **(8,674)**
- (55) Schardt DM, Erk S, Nüsser C, Nöthen MM, Cichon S, Rietschel M, Treutlein J, Goschke T, **Walter H** (2010) Volition diminishes genetically mediated amygdala hyperreactivity. *NeuroImage* 53(3):943-51. (Epub 2009 Dec 5) **(5,932)**
- (56) **Walter H**, Hecker S, Kassubek J, Erk S, Frasch K, Abler B (2010) Further evidence for aberrant prefrontal salience. *Frontiers in Behavioral Neuroscience* 9;3:62.
- (57) Weber YG, Roebeling R, Kassubek J, Hoffmann S, Rosenbohm A, Wolf M, Steinbach P, Jurkat-Rott K, **Walter H**, Reske SN, Lehmann-Horn F, Mottaghy F, Lerche H (2010) Comparative analysis of brain structure, metabolism, and cognition in myotonic dystrophy 1 and 2. *Neurology* 6;74(14):1108-17. **(8,017)**
- (58) Wolf RC, **Walter H**, Vasic N, (2010) Increasing contextual demand modulates anterior and lateral prefrontal brain regions associated with proactive interference. *International Journal of Neuroscience* 120(1):40-50. **(0,818)**

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- (59) Esslinger C*, **Walter H***, Kirsch P*, Erk S, Schnell K, Arnold C, Haddad L, Mier D, Opitz von Boberfeld C, Raab K, Witt SH, Rietschel M, Cichon S, Meyer-Lindenberg A (2009) Neural Mechanisms of a Genome-Wide Supported Psychosis Variant. *Science* 324: 605. (*shared first authorship) **(29,747)**
- (60) Onur OA, **Walter H**, Schlaepfer TE, Rehme AK Schmidt C, Keysers C, Maier C, Hurlermann R (2009) Noradrenergic enhancement of amygdala responses to fear. *SCAN* 4(2):119-126 **(4,203)**
- (61) Preibisch, C, Lanfermann H, Wallenhorst T, **Walter H**, Erk S (2009) Neuroanatomical correlates of visual field bias: A sensitive system for detecting potential threats? *Brain Res* 1263: 69-77 **(2,463)**
- (62) Staudinger MR, Erk S, Abler B, **Walter H** (2009) Cognitive reappraisal modulates expected value and prediction error encoding in the ventral striatum. *NeuroImage* 47: 713–721 **(5,739)**
- (63) Vasic N, **Walter H**, Sambataro F, Wolf RC (2009) Aberrant functional connectivity of dorsolateral prefrontal and cingulate networks in patients with major depression during working memory processing. *Psychological Medicine* 39(6):977-87 **(5,021)**
- (64) **Walter H**, Ciaramidaro A, Adenzato M, Vasic N, Arditto RB, Erk S, Bara BG (2009) Dysfunction of the social brain in schizophrenia is modulated by intention type: an fMRI study. *SCAN* 4(2): 66–176 **(4,203)**
- (65) **Walter H**, Kalckreuth A, Schardt D, Stephan A, Goschke T, Erk S (2009). The temporal dynamics of voluntary emotion regulation: Immediate and delayed neural aftereffects. *PLoS ONE* 4(8):e6726 **(4,351)**
- (66) **Walter H**, Kammerer H, Frasch K, Spitzer M, Abler B (2009) Altered reward functions in patients on atypical antipsychotic medication in line with the revised dopamine hypothesis of schizophrenia. *Psychopharmacology* 206(1): 121-132 **(4,103)**

- (67) Wolf RC, Vasic N, Sambataro F, Höse A, Frasch K, Schmid M, **Walter H** (2009) Temporally anticorrelated brain networks during working memory performance reveal aberrant prefrontal and hippocampal connectivity in patients with schizophrenia. *Progress in Neuro-Psychopharmacology & Biological Psychiatry*, 33(8):1464-73 **(2,823)**

2008

- (68) Abler B, Greenhouse I, Ongur D, **Walter H**, Heckers S (2008) Abnormal reward system activation in mania. *Neuropsychopharmacology* 33, 2217-2227 **(6,835)**
- (69) Buchheim A, Erk S, George C, Kächele H, Kircher T, Martius P, Pokorny D, Ruchow M, Spitzer M, **Walter H** (2008) Neural correlates of attachment trauma in Borderline Personality Disorder: A functional magnetic resonance imaging study. *Psych Res Neuroimaging* 163: 223-235 **(2,638)**
- (70) Erk S, **Walter H**, Abler B (2008) Age-related physiological responses to emotion anticipation and exposure. *NeuroReport* 19: 447-452 **(1,904)**
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