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Publikationsverzeichnis

IF aller Publikationen: 353.791; als Erst- oder Seniorautor: 86.058; H-Index 26; RG Score 39.61; *geteilte Autorenschaft

1. Originalarbeiten in Zeitschriften mit peer review-Verfahren als Erst- bzw. Letztautor/in

1. **Beck A***, Pelz P*, Lorenz R, Charlet K, Geisel O, Heinz A, Wüstenberg T; Müller C. Effects of High-dose Baclofen on Cue Reactivity in Alcohol Dependence: A Randomized, Placebo-controlled PharmacofMRI Study. *European Neuropsychopharmacology* 28(11):1206-1216 (2018) **IMPACT FACTOR: 4.129**
2. Boehme R, Lorenz RC, Gleich T, Romund L, Pelz P, Golde S, Flemming E, Wold A, Deserno L, Behr J, Raufelder D, Heinz A, **Beck A**. Reversal learning strategy in adolescence is associated with prefrontal cortex activation. *Eur J Neurosci.* 45(1):129-137 (2017) **IMPACT FACTOR: 2.975**
3. Romund L, Golde S, Lorenz RC, Raufelder D, Pelz P, Gleich T, Heinz A, **Beck A**. Neural correlates of the self-concept in adolescence – a focus on the significance of friends. *Human Brain Mapping.* 38(2):987-996 (2017) **IMPACT FACTOR: 4.962**
4. Romund L, Raufelder D, Flemming E, Lorenz RC, Pelz P, Gleich T, Heinz A, **Beck A**. Maternal parenting style affects emotion processing in adolescents – an fMRI study. *Biol Psychology.* 120-125 (2016). **IMPACT FACTOR: 3.234**
5. Raufelder D, Boehme R, Romund L, Golde S, Lorenz RC, Gleich T, **Beck A**. Does feedback-related brain response during reinforcement learning predict socio-motivational (in-)dependence in adolescence? *Front. Psychol.* 7:655 (2016) **IMPACT FACTOR: 2.560**
6. Raufelder D, Hoferichter F, Romund L, Golde S, Lorenz RC, **Beck A**. Adolescents' socio-motivational relationships with teachers, amygdala response to teacher's negative facial expressions, and test anxiety. *J Res Adolescence* 26(4):706-722. (2016) **IMPACT FACTOR: 1.915**
7. Seo S*, Mohr J*, **Beck A***, Wüstenberg T, Heinz A, Obermayer K. Predicting the future relapse of alcohol-dependent patients from structural and functional brain images. *Addict Biol.* 20(6):1042-55 (2015) **IMPACT FACTOR: 5.359**
8. Lorenz RC, Gleich T, Simone Kühn S, Pöhlend L, Pelz P, Wüstenberg T, Raufelder D, Heinz A, **Beck A**. Subjective illusion of control modulates striatal reward anticipation in adolescence. *Neuroimage.* 117:250-7 (2015) **IMPACT FACTOR: 6.357**
9. Deserno L*, **Beck A***, Huys QJM, Lorenz RC, Buchert R, Buchholz H-G, Plotkin M, Kumakara Y, Cumming P, Heinze H-J, Grace AA, Rapp MA, Schlagenhaut F, Heinz A. Chronic alcohol intake abolishes the relationship between dopamine synthesis capacity and learning signals in the ventral striatum. *Eur J Neurosci.* 41(4):477-86 (2015) **IMPACT FACTOR: 3.753**
10. Kappel V, Lorenz RC, Streifling M, Renneberg B, Lehmkuhl U, Ströhle A, Salbach-Andrae H, **Beck A**. Effect of brain structure and function on reward anticipation in children and adults with attention deficit hyperactivity disorder combined subtype. *Soc Cogn Affect Neurosci.* 10(7):945-51 (2015) **IMPACT FACTOR: 7.372**

11. Kappel V, Koch A, Lorenz RC, Brühl R, Renneberg B, Lehmkuhl U, Salbach-Andrae H, **Beck A**. CID: a valid incentive delay paradigm for children. *J Neural Transm.* 120(8):1259-70. (2013) **IMPACT FACTOR: 2.871**
12. **Beck A***, Wüstenberg T*, Genauck A, Wrase J, Schlagenhauf F, Smolka MN, Mann K, Heinz A. The effect of brain structure, brain function and brain connectivity on relapse in alcohol dependence. *Arch Gen Psychiatry.* 69(8):842-52 (2012) **IMPACT FACTOR: 13.772**
13. **Beck A***, Schlagenhauf F*, Wüstenberg T, Hein J, Kienast T, Kahnt T, Schmack K, Hägele C, Knutson B, Heinz A, Wrase J. Ventral striatal activation during reward anticipation correlates with impulsivity in alcoholics. *Biol Psychiatry.* 66(8):734-42 (2009) **IMPACT FACTOR: 8.926**

2. Originalarbeiten in Zeitschriften mit peer review-Verfahren als Koautor/in

1. Golde S, Wingenfeld K, Riepenhausen A, Schröter N, Fleischer J, Prüssner J, Grimm S, Fan Y, Hellmann-Regen J, **Beck A**, Gold SM, Otte C. Healthy women with severe early life trauma show altered neural facilitation of emotion inhibition under acute stress. *Psychol Med.* (2019) [Epub ahead of print] **IMPACT FACTOR: 5.641**
2. Golde S, Romund L, Lorenz RC, Pelz P, Gleich T, **Beck A**, Raufelder D. Loneliness and Adolescents' Neural Processing of Self, Friends, and Teachers: Consequences for the School Self-Concept. *J Res Adolesc.* 29(4):938-952 (2019) **IMPACT FACTOR: 2.073**
3. Rosenthal A, **Beck A**, Zois E, Vollstädt-Klein S, Walter H, Kiefer F, Lohoff FW, Charlet K. Volumetric Prefrontal Cortex Alterations in Patients With Alcohol Dependence and the Involvement of Self-Control. *Alcohol Clin Exp Res.* 43(12):2514-2524 (2019) **IMPACT FACTOR: 3.235**
4. Bach P, Zois V, Vollstädt-Klein S, Kirsch M, Hoffmann S, Jorde A, Frank J, Charlet K, Treutlein J, **Beck A**, Heinz A, Walter H, Rietschel M, Kiefer F. Association of the alcohol dehydrogenase gene polymorphism rs1789891 with gray matter brain volume, alcohol consumption, alcohol craving and relapse risk. *Addict Biol.* 24(1):110-120 (2019) **IMPACT FACTOR: 4.603**
5. Schad DJ, Garbusow M, Friedel E, Sommer C, Sebold M, Hägele C, Bernhardt N, Nebe S, Kuitunen-Paul S, Liu S, Eichmann U, **Beck A**, Wittchen HU, Walter H, Sterzer P, Zimmermann US, Smolka MN, Schlagenhauf F, Huys QJM, Heinz A, Rapp MA. Neural correlates of instrumental responding in the context of alcohol-related cues index disorder severity and relapse risk. *Eur Arch Psychiatry Clin Neurosci.* 269(3):295-308 (2019) **IMPACT FACTOR: 3.569**
6. Seo S, **Beck A**, Matthis C, Genauck A, Banaschewski T, Bokde ALW, Bromberg U, Büchel C, Quinlan EB, Flor H, Frouin V, Garavan H, Gowland P, Ittermann B, Martinot JL, Paillère Martinot ML, Nees F, Papadopoulos Orfanos D, Poustka L, Hohmann S, Fröhner JH, Smolka MN, Walter H, Whelan R, Desrivières S, Heinz A, Schumann G, Obermayer K. Risk profiles for heavy drinking in adolescence: differential effects of gender. *Addict Biol.* 24(4) (2019) **IMPACT FACTOR: 4.603**
7. Wilson RP, Colizzi M, Bossong MG, Allen P, Kempton M; MTAC, Bhattacharyya S, Abe N, Barros-Loscertales AR, Bayer J, **Beck A**, Bjork J, Boecker R, Bustamante JC, Choi JS, Delmonte S, Dillon D, Figuee M, Garavan H, Hagele C, Hermans EJ, ICCAM Consortium, Ikeda Y, Kappel V, Kaufmann C, Lamm C, Lammertz SE, Li Y, Murphy & A, Nestor L, Pecina M, Pfabigan D, Pizzagalli D, Rademacher L, Roe A, Sommer T, Stark R, Suzuki H, Van Amselvoort T, Van Hell E, Vink M, Votinov M, Wotruba D, Bhattacharyya Sagnik. The Neural Substrate of Reward Anticipation in Health: A Meta-Analysis of fMRI Findings in the Monetary Incentive Delay Task. *Neuropsychol Rev.* 28(4):496-506 (2018) **IMPACT FACTOR: 4.894**
8. Guggenmos M, Scheel M, Sekutowicz M, Garbusow M, Sebold M, Sommer C, Charlet K, **Beck A**, Wittchen HU, Zimmermann US, Smolka MN, Heinz A, Sterzer P, Schmack K. Decoding diagnosis and lifetime consumption in alcohol dependence

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IMPACT FACTOR: 6.790

9. Zois E, Vollstädt-Klein S, Hoffmann S, Reinhard I, Charlet K, **Beck A**, Jorde A, Kirsch M, Walter H, Heinz A, Kiefer F. Orbitofrontal structural markers of negative affect in alcohol dependence and their associations with heavy relapse-risk at 6 months post-treatment. *Eur Psychiatry.* 46:16-22. (2017) **IMPACT FACTOR: 3.123**
10. Sebold M, Nebe S, Garbusow M, Guggenmos M, Schad D, **Beck A**, Kuitunen-Paul S, Sommer C, Frank R, Neu P, Zimmermann U, Rapp M, Smolka M, Huys Q, Schlagenhaut F, Heinz A. When habits are dangerous - Alcohol expectancies and habitual decision-making predict relapse in alcohol dependence. *Biol Psychiatry*, accepted **IMPACT FACTOR: 11.212**
11. Lett TA, Waller L, Tost H, Veer IM, Nazeri A, Erk S, Brandl EJ, Charlet K, **Beck A**, Vollstädt-Klein S, Jorde A, Kiefer F, Heinz A, Meyer-Lindenberg A, Chakravarty MM, Walter H. Cortical surface-based threshold-free cluster enhancement and cortexwise mediation. *Hum Brain Mapp.* 38(6):2795-2807 (2017) **IMPACT FACTOR: 4.962**
12. Beylergil SB, **Beck A**, Deserno L, Lorenz RC, Rapp MA, Schlagenhaut F, Heinz A, Obermayer K. Dorsolateral prefrontal cortex contributes to the impaired behavioral adaptation in alcohol dependence. *Neuroimage Clin.* 15:80-94. eCollection (2017) **IMPACT FACTOR: 3.857**
13. Zois E, Vollstädt-Klein S, Hoffmann S, Reinhard I, Bach P, Charlet K, **Beck A**, Treutlein J, Frank J, Jorde A, Kirsch M, Degenhardt F, Walter H, Heinz A, Kiefer F. GATA4 variant interaction with brain limbic structure and relapse risk: A voxel-based morphometry study. *Eur Neuropsychopharmacol.* 26(9):1431-1437 (2016) **IMPACT FACTOR: 4.329**
14. Hägele C, Friedel E, Schlagenhaut F, Sterzer P, **Beck A**, Bermpohl F, Stoy M, Held-Poschardt D, Wittmann A, Ströhle A, Heinz A. Affective responses across psychiatric disorders-A dimensional approach. *Neurosci Lett.* 623:71-8 (2016) **IMPACT FACTOR: 2.030**
15. Bach P, Kirsch M, Hoffmann S, Jorde A, Mann K, Frank J, Charlet K, **Beck A**, Heinz A, Walter H, Rietschel M, Kiefer F, Vollstädt-Klein S. The effects of single nucleotide polymorphisms in glutamatergic neurotransmission genes on neural response to alcohol cues and craving. *Addict Biol.* 20(6):1022-32 (2015) **IMPACT FACTOR: 5.359**
16. Müller CA, Geisel O, Pelz P, Higl V, Krüger J, Stickel A, **Beck A**, Wernecke KD, Hellweg R, Heinz A. High-dose baclofen for the treatment of alcohol dependence (BACLAD study): A randomized, placebo-controlled trial. *Eur Neuropsychopharmacol.* 25(8):1167-77 (2015) **IMPACT FACTOR: 4.369**
17. Bach P, Vollstädt-Klein S, Kirsch M, Hoffmann S, Jorde A, Frank J, Charlet K, **Beck A**, Heinz A, Walter H, Sommer WH, Spanagel R, Rietschel M, Kiefer F. Increased mesolimbic cue-reactivity in carriers of the mu-opioid-receptor gene OPRM1 A118G polymorphism predicts drinking outcome: A functional imaging study in alcohol dependent subjects. *Eur Neuropsychopharmacol.* 25(8):1128-35 (2015) **IMPACT FACTOR: 4.369**
18. Friedel E, Schlagenhaut F, **Beck A**, Dolan RJ, Huys QJ, Rapp MA, Heinz A. The effects of life stress and neural learning signals on fluid intelligence. *Eur Arch Psychiatry Clin Neurosci.* 265(1):35-43. (2015) **IMPACT FACTOR: 3.525**
19. Gleich T, Lorenz RC, Pöhland L, Raufelder D, Deserno L, **Beck A**, Heinz A, Kühn S, Gallinat J. Frontal glutamate and reward processing in adolescence and adulthood. *Brain Struct Funct.* 220(6):3087-99 (2015) **IMPACT FACTOR: 5.618**
20. Jorde A, Bach P, Witt SH, Becker K, Reinhard I, Vollstädt-Klein S, Kirsch M, Hermann D, Charlet K, **Beck A**, Wimmer L, Frank J, Treutlein J, Spanagel R, Mann K, Walter H, Heinz A, Rietschel M, Kiefer F. Genetic variation in the atrial natriuretic peptide transcription factor GATA4 modulates amygdala responsiveness in alcohol dependence. *Biol Psychiatry.* 75(10):790-7 (2014) **IMPACT FACTOR: 10.255**
21. Schlagenhaut F, Huys QJ, Deserno L, Rapp MA, **Beck A**, Heinze HJ, Dolan R, Heinz A. Striatal dysfunction during reversal learning in unmedicated schizophrenia patients. *Neuroimage.* 89C:171-180 (2014) **IMPACT FACTOR: 6.357**

22. Lorenz RC, Gleich T, **Beck A**, Pöhland L, Raufelder D, Sommer W, Rapp MA, Kühn S, Gallinat J. Reward anticipation in the adolescent and aging brain. *Hum Brain Mapp.* 35(10):5153-65 (2014) **IMPACT FACTOR: 5.969**
23. Charlet K, **Beck A**, Jorde A, Wimmer L, Vollstädt-Klein S, Gallinat J, Walter H, Kiefer F, Heinz A. Increased neural activity during high working memory load predicts low relapse risk in alcohol dependence. *Addict Biol.* 19(3):402-14 (2014) **IMPACT FACTOR: 5.359**
24. Charlet K, Schlagenhaut F, Richter A, Naundorf K, Dornhof L, Weinfurter CE, König F, Walaszek B, Schubert F, Müller CA, Gutwinski S, Seissinger A, Schmitz L, Walter H, **Beck A**, Gallinat J, Kiefer F, Heinz A. Neural activation during processing of aversive faces predicts treatment outcome in alcoholism. *Addict Biol.* 19(3):439-51 (2014) **IMPACT FACTOR: 5.359**
25. Kumakura Y, Gjedde A, Caprioli D, Kienast T, **Beck A**, Plotkin M, Schlagenhaut F, Vernaleken I, Gründer G, Bartenstein P, Heinz A, Cumming P. Increased turnover of dopamine in caudate nucleus of detoxified alcoholic patients. *PLoS One.* 8(9):e73903 (2013) **IMPACT FACTOR: 3.543**
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27. Kalbitzer J, Deserno L, Schlagenhaut F, **Beck A**, Mell T, Bahr G, Buchholz HG, Plotkin M, Buchert R, Kumakura Y, Cumming P, Heinz A, Rapp MA. Decline in prefrontal catecholamine synthesis explains age-related changes in cognitive speed beyond regional grey matter atrophy. *Eur J Nucl Med Mol Imaging.* 39(9):1462-6 (2012) **IMPACT FACTOR: 5.114**
28. Chen G, Carlson VC, Wang J, **Beck A**, Heinz A, Ron D, Lovinger DM, Buck KJ. Striatal involvement in human alcoholism and alcohol consumption, and withdrawal in animal models. *Alcohol Clin Exp Res.* 35(10):1739-48 (2011) **IMPACT FACTOR: 3.343**
29. Park SQ, Kahnt T, **Beck A**, Cohen MX, Dolan RJ, Wrase J, Heinz A. Prefrontal cortex fails to learn from reward prediction errors in alcohol dependence. *J Neurosci.* 30(22):7749-53 (2010). **IMPACT FACTOR: 7.271**
30. Schlagenhaut F, Dinges M, **Beck A**, Wüstenberg T, Friedel E, Dembler T, Sarkar R, Wrase J, Gallinat J, Juckel G, Heinz A. Switching schizophrenia patients from typical neuroleptics to aripiprazole: Effects on working memory dependent functional activation. *Schizophr Res.* 118(1-3):189-200 (2010) **IMPACT FACTOR: 4.374**
31. Kahnt T, Park SQ, Cohen MX, **Beck A**, Heinz A, Wrase J. Dorsal striatal-midbrain connectivity in humans predicts how reinforcements are used to guide decisions. *J Cogn Neurosci.* 21(7):1332-45 (2009) **IMPACT FACTOR: 5.382**
32. Schmack K, Schlagenhaut F, Sterzer P, Wrase J, **Beck A**, Dembler T, Kalus P, Puls I, Sander T, Heinz A, Gallinat J. Catechol-O-methyltransferase val158met genotype influences neural processing of reward anticipation. *Neuroimage.* 42(4):1631-8 (2008) **IMPACT FACTOR: 5.694**
33. Heinz A, Smolka MN, Braus DF, Wrase J, **Beck A**, Flor H, Mann K, Schumann G, Buchel C, Hariri AR, Weinberger DR. Serotonin transporter genotype (5-HTTLPR): Effects of neutral and undefined conditions on amygdala activation. *Biol Psychiatry* 61:1011-1014 (2007) **IMPACT FACTOR: 8.456**
34. Heinz A, Wrase J, Kahnt T, **Beck A**, Bromand Z, Grüsser SM, Kienast T, Smolka M, Flor H, Mann K. Brain activation elicited by affectively positive stimuli is associated with a lower risk of relapse in detoxified alcoholics. *Alcohol Clin Exp Res.* 31:1138-47 (2007) **IMPACT FACTOR: 3.175**
35. Wrase J, Schlagenhaut F, Kienast T, Wüstenberg T, BERPohl F, Kahnt T, **Beck A**, Ströhle A, Juckel G, Knutson B, Heinz A. Dysfunction of reward processing correlates with alcohol craving in detoxified alcoholics. *Neuroimage.* 35(2):787-94 (2007) **IMPACT FACTOR: 5.457**

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3a. Übersichtsarbeiten Erst- bzw. Letztautor(inn)enschaften

1. Charlet K, Rosenthal A, Lohoff FW, Heinz A, **Beck A**. Imaging resilience and recovery in alcohol dependence. *Addiction*. 113(10):1933-1950 (2018) **IMPACT FACTOR: 5.789**
2. **Beck A**, Heinz AJ, Heinz A. Translational clinical neuroscience perspectives on the cognitive and neurobiological mechanisms underlying alcohol-related aggression. *Curr Top Behav Neurosci*. 17:443-74 (2014)
3. **Beck A**, Heinz A. Alcohol-related aggression-social and neurobiological factors. *Dtsch Arztebl Int*. 110(42):711-5 (2013) **IMPACT FACTOR: 3.608**
4. Heinz A, Friedel E, **Beck A**. Alkoholabhängigkeit als gelerntes Verhaltensmuster. *Sucht*, 59 (4): 183-184 (2013)
5. **Beck A** & Heinz A. Entfesselnder Schluck. *Gehirn und Geist* 11(6):66-71, Spektrum der Wissenschaft Verlagsgesellschaft mbH (2012)
6. **Beck A** & Seiferth N. Neurobiologie der Sucht und Brain Imaging. *Spektrum Psychiatrie* 2/2012: 10-13 (2012).
7. **Beck A** & Heinz A. Bessere Versorgung von Suchtkranken – was die Neurowissenschaften beitragen. *Ärztliches Journal Reise & Medizin* 13 (3) (2012).
8. Heinz A & **Beck A**. Neurobiologische Forschung in der Psychiatrie – Dimensional veränderte Lernmechanismen statt Reifizierung von Kategorien? *Neuroforum* 4/11: 139-145 (2011).
9. Heinz A & **Beck A**. Neurobiological research in psychiatry—classification of dimensions of learning mechanisms instead of reification of categories? *e-Neuroforum* 2(4): 88-94 (2011)
10. **Beck A** & Heinz A. Lerntheoretische Erklärungsansätze zur Entstehung und Aufrechterhaltung von Suchtverhalten. *Public Health Forum* 67(18): 6-8 (2010).
11. **Beck A**. Sucht und Neurowissenschaft. *Wiener Zeitschrift für Suchtforschung* 32(3/4): 47-59 (2009).
12. **Beck A** & Heinz A. Biologie der Alkoholabhängigkeit. *Spektrum Psychiatrie* 04/2009: S.10-13 (2009)
13. Heinz A, Grace AA, **Beck A**. The intricacies of dopamine neuron modulation. *Biol Psychiatry* 65(2):101-2 (2009). **IMPACT FACTOR: 8.926**
14. Heinz A, **Beck A**. [Addiction as loss of self-control? Current concepts on the development and treatment of addictive behaviors.] *Fortschr Neurol Psychiatr*. 75:1-4 (2007) **IMPACT FACTOR: 0.583**

3b Übersichtsarbeiten Koautor(inn)enschaften

1. Heinz A, Kiefer F, Smolka MN, Endrass T, Beste C, **Beck A**, Liu S, Genauck A, Romund L, Banaschewski T, Birmphohl F, Deserno L, Dolan RJ, Durstewitz D, Ebner-Priemer U, Flor H, Hansson AC, Heim C, Hermann D, Kiebel S, Kirsch P, Kirschbaum C, Koppe G, Marxen M, Meyer-Lindenberg A, Nagel WE, Noori HR, Pilhatsch M, Priller J, Rietschel M, Romanczuk-Seiferth N, Schlagenhauf F, Sommer WH, Stallkamp J, Ströhle A, Stock AK, Winterer G, Winter C, Walter H, Witt S, Vollstädt-Klein S, Rapp MA, Tost H, Spanagel R. *Addiction Research Consortium: Losing and*

- regaining control over drug intake (ReCoDe)-From trajectories to mechanisms and interventions. *Addict Biol.* 25(2):e12866 (2020) **IMPACT FACTOR: 4.223**
2. Heinz A, **Beck A**, Halil MG, Pilhatsch M, Smolka MN, Liu S. Addiction as Learned Behavior Patterns. *J Clin Med.* 8(8) (2019) **IMPACT FACTOR: 5.688**
 3. Heinz A, Deserno L, Zimmermann US, Smolka MN, **Beck A**, Schlagenhaut F. Targeted intervention: Computational approaches to elucidate and predict relapse in alcoholism. *Neuroimage.* May 1;151:33-44. (2017) **IMPACT FACTOR: 5.463**
 4. Heinz A, Schlagenhaut F, **Beck A**, Wackerhagen C. Dimensional psychiatry: mental disorders as dysfunctions of basic learning mechanisms. *J Neural Transm* 123(8):809-21 (2016) **IMPACT FACTOR: 2.402**
 5. Hägele C, Schlagenhaut F, Rapp M, Sterzer P, **Beck A**, Bempohl F, Stoy M, Ströhle A, Wittchen HU, Dolan RJ, Heinz A. Dimensional psychiatry: reward dysfunction and depressive mood across psychiatric disorders. *Psychopharmacology (Berl).* 232(2):331-41 (2015) **IMPACT FACTOR: 3.875**
 6. Garbusow M, Sebold M, **Beck A**, Heinz A. Too difficult to stop: mechanisms facilitating relapse in alcohol dependence. *Neuropsychobiology.* 70(2):103-10 (2014) **IMPACT FACTOR: 2.261**
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 8. Sebold M, Hägele C, **Beck A**, Heinz A. Wege aus der Abhängigkeit: Rückfallprädiktion der Alkoholabhängigkeit. *Sucht,* 59 (4): 201-213 (2013)
 9. Charlet K, **Beck A**, Heinz A. The dopamine system in mediating alcohol effects in humans. *Curr Top Behav Neurosci.* 13:461-88 (2013)
 10. Heinz AJ, **Beck A**, Meyer-Lindenberg A, Sterzer P, Heinz A. Cognitive and neurobiological mechanisms of alcohol-related aggression. *Nat Rev Neurosci.* 12(7):400-13 (2011) **IMPACT FACTOR: 30.445**
 11. Heinz A, **Beck A**, Wrase J, Mohr J, Obermayer K, Gallinat J, Puls I. Neurotransmitter systems in alcohol dependence. *Pharmacopsychiatry* 42 Suppl 1:S95-S101 (2009). **IMPACT FACTOR: 2.317**
 12. Heinz A, **Beck A**, Grüsser SM, Grace AA, Wrase J. Identifying the neural circuitry of alcohol craving and relapse vulnerability. *Addict Biol.* 14(1):108-18. (2009) **IMPACT FACTOR: 4.728**
 13. Heinz A, **Beck A**, Heimann H. Was wirkt wirklich? – Interventionsziele und Strategien bei Suchterkrankungen am Beispiel der Alkoholabhängigkeit. In: AKTION PSYCHISCH KRANKE, SCHMIDT-ZADEL R, PÖRKSEN N, HEINZ A (Hrsg.) Die Zukunft der Suchthilfe in Deutschland – von der Person zur integrierten Hilfe im regionalen Verbund. *Psychiatrie Verlag, Bonn,* 22-31 (2009)
 14. Heinz A & **Beck A**. Komatrinken und die Disposition zur Alkoholabhängigkeit. In: AKTION PSYCHISCH KRANKE, SCHMIDT-ZADEL R, PÖRKSEN N, HEINZ A (Hrsg.) Die Zukunft der Suchthilfe in Deutschland – von der Person zur integrierten Hilfe im regionalen Verbund. *Psychiatrie Verlag, Bonn,* 113-115 (2009)
 15. Wrase J, Reimold M, **Beck A**, Heinz A. [Multimodal imaging with PET, fMRI and genetic research] *Fortschr Neurol Psychiatr.* 76(5):278-85 (2008). **IMPACT FACTOR: 0.793**
 16. Wrase J, **Beck A** & Heinz A. Das Suchtgedächtnis sichtbar machen – wie bildgebende Verfahren der Suchtforschung dienen können. In: Fachverband Sucht e.V. (Eds.): *Wirksame Therapie – Wissenschaftlich fundierte Suchtbehandlung.* Band 30. Neuland Verlag, Geesthacht: 123-135 (2007).

4. Editorials/Comments/Briefe an den Herausgeber/die Herausgeberin

1. Heinz A, **Beck A**, Rapp MA. Alcohol as An Environmental Mortality Hazard. *JAMA Psychiatry.* 73(6):549-50 (2016) **IMPACT FACTOR: 12.008**

5. Buchkapitel

1. **Beck A**, Rosenthal A, Müller C, Heinz A, Charlet Katrin. Alkohol. In: von Heyden M; Jungaberle H; Majić T (Hrsg.): Handbuch Psychoaktive Substanzen. Springer Verlag Heidelberg u.a. (2017)
2. Heinz A, **Beck A**, Kluge U. Anthropologie in der Psychiatrie: mit der Aussicht auf individualisierte Medizin obsolet? In: Böker H, Hoff P, Seifritz E (Hrsg.): «Personalisierte» Psychiatrie. Verlag Hans Huber (2014)
3. **Beck A**, Heinz AJ, Heinz A. Translational clinical neuroscience perspectives on the cognitive and neurobiological mechanisms underlying alcohol-related aggression. In: Miczek KA, Meyer-Lindenberg A (Eds.): Neuroscience of Aggression. Springer Verlag, Heidelberg u.a. (2014)
4. Kienast T, **Beck A**, Müller CA, Heinz A. Abhängigkeitsstörungen. In: Georg Juckel, Marc-Andreas Edel, editors. Neurobiologie und Psychotherapie – Integration und praktische Anwendung bei psychischen Störungen. Schatthauer, Kapitel 3, 30-56 (2014).
5. **Beck A**, Grace AA, Heinz A. Reward Processing. In: Bryon Adinoff, Elliot A. Stein, editors. Neuroimaging in addiction. Wiley Publishing, Chapter 5 (2012).
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