

### **Selected peer-reviewed publications:**

1. Goldberg E, Antin SP, **Bilder RM**, Gerstman LJ, Hughes JEO, Mattis S. Retrograde amnesia: Possible role of mesencephalic reticular activation in long-term memory. Science, 213: 1392-1394, 1981.
2. **Bilder RM**, Mukherjee S, Rieder RO, Pandurangi AK. Symptomatic and neuropsychological components of defect states. Schizophrenia Bulletin, 11(5): 409-419, 1985.
3. **Bilder RM**, Wu H, Bogerts B, Degreef G, Ashtari M, Alvir JMJ, Snyder PJ, Lieberman JA (1994). Absence of regional hemispheric volume asymmetries in first-episode schizophrenia. American Journal of Psychiatry, 151(10): 1437-1447, 1994.
4. **Bilder RM**, Bogerts B, Manzar A, Wu H, Alvir JMa, Jody D, Reiter G, Bell L, Lieberman JA. Anterior hippocampal volume reductions predict "frontal lobe" dysfunction in first episode schizophrenia. Schizophrenia Research, 7:47-58, 1995.
5. **Bilder RM**, Goldman RS, Robinson D, Reiter G, Bell L, Bates JA, Pappadopulos E, Willson DF, Alvir JMaJ, Woerner M, Geisler S, Kane JM, Lieberman JA. Neuropsychology of first-episode schizophrenia: Initial characterization and clinical correlates. American Journal of Psychiatry, 157: 549-559, 2000.
6. **Bilder RM**, Goldman RS, Volavka J, Czobor P, Hoptman M, Sheitman B, Lindenmayer J-P, Citrome L, McEvoy J, Kunz M, Chakos M, Cooper TB, Horowitz TL, Lieberman JA. Neurocognitive effects of clozapine, olanzapine, risperidone, and haloperidol in patients with chronic schizophrenia or schizoaffective disorder, American Journal of Psychiatry, 159:1018-1028, 2002.
7. **Bilder RM**, Volavka J, Czobor P, Malhotra, AK, Kennedy JL, Ni X, Goldman RS, Hoptman M, Sheitman B, Lindenmayer J-P, Citrome L, McEvoy J, Kunz M, Chakos M, Cooper TB, Lieberman JA. Neurocognitive correlates of the COMT Val<sup>158</sup>Met polymorphism in chronic schizophrenia, Biol Psychiatry, 52: 701-7, 2002.
8. **Bilder RM**, Volavka J, Lachman HM, Grace AA. The catechol-O-methyltransferase polymorphism: relations to the tonic-phasic dopamine hypothesis and neuropsychiatric phenotypes. Neuropsychopharmacology, 29:1943-61, 2004.
9. **Bilder RM**. Phenomics: building scaffolds for biological hypotheses in the post-genomic era. Biol Psychiatry. 2008 Mar 1;63(5):439-40. PMID: 18267152; PMCID: PMC2262839
10. **Bilder RM**, Sabb FW, Cannon TD, London ED, Jentsch JD, Parker DS, Poldrack RA, Evans C, Freimer NB. Phenomics: The systematic study of phenotypes on a genome-wide scale. Neuroscience. 2009 Jan 20. [Epub ahead of print] PMID: 19344640; PMCID: PMC2760679
11. **Bilder RM**, Sabb FW, Parker DS, et al.: Cognitive Ontologies for Neuropsychiatric Phenomics Research. Cognitive Neuropsychiatry, 2009;14(4-5):419-50. PMCID: PMC2752634; NIHMSID: NIHMS134130
12. Narr KL, Szeszko PR, Lencz T, Woods RP, Hamilton LS, Phillips O, Robinson D, Burdick KE, Derosse P, Kucherlapati R, Thompson PM, Toga AW, Malhotra AK, **Bilder RM**. DTNBP1 is associated with imaging phenotypes in schizophrenia. Hum Brain Mapp. 2009 May 15. [Epub ahead of print]
13. Lee B, London ED, Poldrack RA, Farahi J, Nacca A, Monterosso JR, Mumford JA, Bokarius AV, Dahlbom M, Mukherjee J, **Bilder RM**, Brody AL, Mandelkern MA. Striatal dopamine d2/d3 receptor availability is reduced in methamphetamine dependence and is linked to impulsivity. J Neurosci. 2009 Nov 25;29(47):14734-40.
14. Cohen JR, Asarnow RF, Sabb FW, **Bilder RM**, Bookheimer SY, Knowlton BJ, Poldrack RA. A unique adolescent response to reward prediction errors. Nat Neurosci. 2010 Jun;13(6):669-71. Epub 2010 May 16. PMID: 20473290
15. **Bilder RM**. Neuropsychology 3.0: Evidence-based science and practice. J Int Neuropsychol Soc. 2010 Nov 19:1-7. [Epub ahead of print] PMID: 21092355.