

10 Literaturverzeichnis

1. ANDREASEN NC, O'LEARY DS, CIZADLO T, ARNDT S, REZAI K, PONTO LLB, et al. (1996) Schizophrenia and cognitive dysmetria: A positron.emission tomography study of dysfunctional prefrontal-thalamic-cerebellar circuitry. *Proc Natl Acad Sci USA* 93: 9985-9990
2. ANDREASEN N.C., NOPOULOS P. et al; Defining the phenotype of schizophrenia: cognitive dysmetria and ist neural mechanisms. *Biol Psychiatry* 1999; 46; 908-920.
3. ANDREASEN NC (2000) Schizophrenia: the fundamental questions. *Brain Res Rev* 31: 106-112
4. ANNETT M (1970) A classification of hand preference by association analysis. *Br J Psychol* 61: 303–321
5. BASSETT AS, COLLINS EJ, NUTTALL SE, HONER WG (1993) Positive and negative symptoms in families with schizophrenia. *Schizophr Res* 11:9–19
6. BESTHEHORN M, TISCHER B, GLASER P, MAST O, SCHMIDT D. Repräsentative Studie zur Verteilung schizophrener Patienten auf medizinische Versorgungseinrichtungen in Deutschland. *Fortschr Neurol Psychiatr* 1999; 67: 487-492
7. BLEULER E., Handbuch der Psychiatrie. *Dementia Praecox oder Gruppe der Schizophrenien*. Leipzig – Wien: Franz Deuticke, 1911
8. BUCHANAN RW, VLADAR K, BARTA PE, PEARLSON GD. Structural evaluation of the prefrontal cortex in schizophrenia. *Am J Psychiatry* 1998; 155(8): 1049-1055
9. CANNON M, JONES PB, MURRAY RM. Obstetric complications and schizophrenia: historical and meta-analytic review. *Am J Psychiatry* 2002; 159: 1080–1092
10. CANNON T.D., KAPRIO J. et al; The genetic epidemiology of schizophrenia in a Finnish twin cohort. *Arch Gen Psychiatry* 1998, 55:67-76.
11. CANNON T.D., VAN ERP et al; Regional gray matter, white matter and cerebrospinal fluid distributions in schizophrenic patients, their siblings, and controls. *Arch Gen Psychiatry* 1998; 55, 1084-1091
12. CROW, T.J., JOHNSTONE, E.C., OWEN, F., OWENS, D.G.C.: Positive and negative symptoms and their relation to the two syndrom concept of schizophrenia. In: *Biological psychiatry* 1985. Shagass, C., Josiassen, R.C., Bridger, W.H., Weiss, K.J., Stoff, D., Simpson, G.M. (eds). Amsterdam, New York: Elsevier, 1986
13. DAVIS KL, STEWART DG, FRIEDMAN JI, BUCHSBAUM M, HARVEY PD, HOF PR, BUXBAUM J, HAROUTUNIAN V (2003) White matter changes in schizophrenia: evidence for myelin-related dysfunction. *Arch Gen Psychiatry* 60(5): 443-456.

14. DE LISI L.E., GOLDIN L.R. et al; A family study of association of increased ventricular size with schizophrenia. *Arch Gen Psychiatry* 1986, 43; 148-153
15. DILLING H, MOMBOUR W, SCHMIDT MH (Hrsg.). Internationale Klassifikation psychischer Störungen. ICD-10 - Kapitel V (F). Klinisch-diagnostische Leitlinien. Bern-Göttingen-Toronto; Huber, 1999
16. FALKAI P, BOGERTS B. Loss in the hippocampus of schizophrenics. *Eur Arch Psych Clin Neurosci* 1986; 236: 154 – 161
17. FALKAI, P.; BOGERTS, B.: Neuropathology in: Gelder M. et al. (Herausg.) *The Oxford Textbook of Psychiatry*, 1999
18. FALKAI, P., BUSSFELD, P., STOETER, P. UND KLEMM, E., Schizophrenie und schizophrenieformre Störungen. In: Stoppe, Hentschel und Munz (Eds.), *Bildgebende Verfahren in der Psychiatrie*, Thieme, Stuttgart, 2000
19. FALKAI, P.: *Schizophrenie auf einen Blick*, Blackwell Verlag 2003
20. FALKAI P, SCHNEIDER-AXMANN T, HONER WG, VOGELEY K, SCHÖNELL H, PFEIFFER U, SCHERK H, BLOCK W, TRÄBER F, SCHILD HH, MAIER W, TEPEST R (2003) Influence of genetic loading, obstetric complications and premorbid adjustment on brain morphology in schizophrenia: a MRI study. *Eur Arch Psychiatry Clin Neurosci* 253: 92–99
21. FOLSTEIN MF, FOLSTEIN SE, M CHUGH PR (1975) Mini-mental state. A practical method for grading the cognitive state of patients for the clinician. *J Psychiatr Res* 12: 189–198
22. FRISTON KJ (1998) The disconnection hypothesis. *Schizophr Res* 30: 115-125
23. GAEBEL W, FALKAI P. IN: GASTPAR T, KASPER S, LINDEN M., eds. *Psychiatrie*. Berlin – New York: Walter de Gruyter, 1996: 88-106
24. GOLDNER EM, HSU L, WARAIH P, SOMERS JM. Prevalence and incidence studies of schizophrenic disorders: a systematic review of the literature. *Can J Psychiatry* 2002; 47:833–843
25. HÄFNER, H. (1993): What is schizophrenia? *Neurol. Psychiat. and Brain Res.* 2: 36-52
26. HÄFNER H., an der Heiden W., Hambrecht M., Riecher-Rössler A., Maurer K., Löffler W., Fätkenheuer B., Gupta S. Ein Kapitel systematischer Schizophrenieforschung: Die Suche nach kausalen Erklärungen für den Geschlechtsunterschied im Ersterkrankungsalter. *Nervenarzt* 1993; 64: 706-716
27. HÄFNER, H., Was ist Schizophrenie? Gustav Fischer, Stuttgart – Jena – New York 1995
28. HARRISON, P.J.: The Neuropathology of Schizophrenia. A critical Review of the Data and their Interpretation. *Brain* 122 (Pt 4): 593 – 624, 1999

-
29. HEATON RK, CHELUNE GJ, TALLEY JL, KAY GG, CURTISS G (1993). Wisconsin Card Sorting Test Manual - Revised and expanded. PAR, Florida
30. HULSHOFF POL HE, SCHNACK HG, MANDL RC, CAHN W, COLLINS DL, EVANS AC, KAHN RS (2004a) Focal white matter density changes in schizophrenia: reduced inter-hemispheric connectivity. *Neuroimage* 21(1): 27-35
31. HULSHOFF POL HE, BRANS RG, VAN HAREN NE, SCHNACK HG, LANGEN M, BAARE WF, VAN OEL CJ, KAHN RS (2004b) Gray and white matter volume abnormalities in monozygotic and same-gender dizygotic twins discordant for schizophrenia. *Biol Psychiatry* 55(2): 126-30
32. JABLENSKY A. Epidemiology of schizophrenia: the global burden of disease and disability. *Eur Arch Psychiatry Clin Neurosci* 2000; 250: 274-285
33. JACOBI, W., WINKLER, H.: Enzephalographische Studien an chronisch schizophrenen Patienten. *Arch Psychiat Nervenkr* 1927; 81:299-332
34. JOHNSTONE E.E., CROW, T.J., FRITH, C.D., HUSBAND, J., KREEL, L.: Cerebral ventricular size and cognitive impairment in chronic schizophrenia: *Lancet* 1976; 2: 924-926
35. KAY SR, FISZBEIN A, OPLER LA (1987) The Positive and Negative Syndrome Scale (PANSS) for schizophrenia. *Schizophr Bull* 13: 261–276
36. KENDLER K.S., GRUENBERG A.M., KINNEY D.K.; Independent diagnoses of adoptees and relatives as defined by DSM-3 in the provincial and national samples of the Danish adoption study of schizophrenia. *Arch Gen Psychiatry* 1994, 51: 456-468.
37. KETY S.S., WENDER P.H. et al; Mental illness in the biological and adoptive relatives of schizophrenic adoptees. Replication of the Copenhagen study in the rest of Denmark. *Arch Gen Psychiatry* 1994; 51:442-455.
38. KISSLING W, HÖFFLER J, SEEMANN U, MÜLLER P, RÜTHER E, TRENCKMANN U, UBER A, GRAF V. D. SCHULENBURG JM, GLASER P, GLASER T, MAST O, SCHMIDT D. Die direkten und indirekten Kosten der Schizophrenie. *Fortschr Neurol Psychiatr* 1999; 67: 29-36
39. KRAEPLIN, E.: Psychiatrie. Ein Lehrbuch für Studierende und Ärzte. III. Band. Leipzig: Barth, 1913
40. LAWRIE S.M., ABUKMEIL S.S. et al; Brain abnormality in schizophrenia a systematic and quantitative review of volumetric magnetic resonance imaging studies. *Br J Psychiatry* 1998; 172:110-120.
41. LAWRIE S.M., WHALLEY H. et al; Magnetic resonance imaging of brain in people at high risk of developing schizophrenia. *Lancet* 1999; 353; 30-33.
42. LEHRL S (1977) Mehrfachwahl-Wortschatz-Intelligenztest. B-Version. Straube; Erlangen

-
43. LEONHARD K.: Lassen sich die Schizophrenien klinisch und ätiologisch trennen? Psychiatr Neurol Med Psychol Beih 1986; 33: 26-42
44. LIPSKA BK, JASKIW GE, WEINBERGER DR (1993) Postpubertal emergence of hyperresponsiveness to stress and to amphetamine after neonatal excitotoxic hippocampal damage: a potential animal model of schizophrenia. Neuropsychopharmacology 9: 67-75
45. LIVINGSTON KE, ESCOBAR A (1971): Anatomical bias of the limbic system concept. A proposed reorientation. Arch Neurol 24: 17-21
46. MAIER W, RIETSCHEL M, LICHTERMANN D, et al.; Family and genetic studies on the relationship of schizophrenia to affective disorders. Eur Arch Psychiatry Clin Neurosci (Germany), 1999, 249 Suppl 4 p57-61.
47. MAIER, W., LICHTERMANN, D., RIETSCHEL, M., HELD, T., FALKAI, P., WAGNER, M. UND SCHWAB, S., Genetik schizophrener Störungen. Neuere Konzepte und Befunde, Nervenarzt, 70 (1999) 955-69.
48. MAYO FOUNDATION (1999) Analyze 3.0. Biochemical Imaging Resource, Rochester, Minnesota
49. MCCARLEY RW, WIBLE CG, FRUMIN M, et al.; MRI anatomy of schizophrenia. Biol Psychiatry (United States), May 1 1999, 45(9) p1099-119.
50. MCGRATH JJ, MURRAY RM. Risk factors for schizophrenia: from conception to birth. In: Weinberger D, Hirsch SR. Schizophrenia, 2003, pp. 232-250
51. MCGUE, M. (1992): When assessing twin concordance, use the probandwise not the pairwise rate. Schizophr. Bull. 28: 171 – 176
52. MCNEIL TF, CANTOR-GRAAE E, SJOSTROM K (1994) Obstetric complications as antecedents of schizophrenia: empirical effects of using different obstetric complication scales. J Psychiatr Res 28: 519–530
53. MEISENZAHL EM, FRODL T, ZETZSCHE T, LEINSINGER G, HEISS D, MAAG K, HEGERL U, HAHN K, MOLLER HJ. Adhesio interthalamicia in male patients with schizophrenia. Am J Psychiatry 2000; 157(5): 823-825
54. NORUSIS MJ (2000) SPSS 10.0 Guide to Data Analysis. New Jersey, Prentice Hall
55. NUECHTERLEIN KH, DAWSON ME, VENTURA J, GITLIN M, SUBOTNIK KL, SNYDER KS, MINTZ J, BARTZOKIS G. The vulnerability/stress model of schizophrenic relapse. Acta Psychiatr Scand 1994; 89 (Suppl. 382): 58-64
56. PAILLERE-MARTINOT M, CACLIN A, ARTIGES E, POLINE JB, JOLIOT M, MALLET L, RECASENS C, ATTAR-LEVY D, MARTINOT JL. Cerebral gray and white matter reductions and clinical correlates in patients with early onset schizophrenia. Schizophr Res 2001; 50(1-2): 19-26
57. PAPEZ JW (1937): A proposed mechanism of emotion. Arch Neurol Psychiatry 38: 725-743

58. PARENT A (1996). Carpenter's Human Neuroanatomy. 9th edition, Williams & Wilkins, Baltimore, pp. 635-645, 682-685
59. PEARLSON GD, PETTY RG, ROSS CA, TIEN AY (1996) Schizophrenia: a disease of heteromodal association cortex? *Neuropsychopharmacology* 14: 1-17
60. PETRIDES M, MILNER B (1982). Deficits on subject-ordered tasks after frontal- and temporal-lobe lesions in man. *Neuropsychologia*. 20 (3): 249-262
61. SARTORIUS, N., JABLENSKY, A., KORTEN, A., ERNBERG, G., ANKER, M., COOPER, J.E.: DAY, R. (1986): Early manifestations and first-contact incidence of schizophrenia in different cultures. *Psychol. Med.* 16: 909-928
62. SCHNEIDER K, Klinische Psychopathologie, 14. Auflage *Thieme*, Stuttgart – New York 1992
63. SHARMA, T., D.U. BOULAY, G., LEWIS, S., SIGMUNDSSON, T., GURLING, H. UND MURRAY, R., The Maudsley Family Study. I: Structural brain changes on magnetic resonance imaging in familial schizophrenia, *Prog Neuropsychopharmacol Biol Psychiatry*, 21 (1997) 1297-315.
64. SHARMA T., LANCASTER E. et al; Brain changes in schizophrenia: volumetric MRI study of families multiply affected with schizophrenia - the Maudsley Family Study 5. *Br J Psychiatry* 1998; 173: 132-138.
65. SHENTON ME., KIKINIS et al; Abnormalities of the left temporal lobe and thought disorder in Schizophrenia: A quantitative magnetic resonance imaging study. *N. Eng. J. Med.*; 1992, 327: 604-612
66. SHENTON ME, DICKEY CC, FRUMIN M, MCCARLEY RW (2001) A review of MRI findings in schizophrenia. *Schizophr Res* 49: 1-52
67. SHROUT PE, FLEISS JL (1979) Intraclass correlations: uses in assessing rater reliability. *Psychol Bull* 86(2): 420–428
68. SIGMUNDSSON T, SUCKLING J, MAIER M, WILLIAMS S, BULLMORE E, GREENWOOD K, FUKUDA R, RON M, TOONE B. Structural abnormalities in frontal, temporal, and limbic regions and interconnecting white matter tracts in schizophrenic patients with prominent negative symptoms. *Am J Psychiatry* 2001; 158(2): 234-243
69. SMITH, R.C., CALDERON, M., RAVINCHANDRAN, G.K., et al.: Nuclear magnetic resonance of schizophrenia: A preliminary study, *Psychiatry Res.* 12, 137-147 (1984)
70. SMITH GN, KOPALA LC, LAPOINTE JS, MACEWAN GW, ALTMAN S, FLYNN SW, SCHNEIDER T, FALKAI P, HONER WG (1998) Obstetric complications, treatment response and brain morphology in adult-onset and early-onset males with schizophrenia. *Psychol Med* 28: 645–653

71. SOWELL ER, LEVITT J, THOMPSON PM, HOLMES CJ, BLANTON RE, KORNSAND DS, CAPLAN R, MCCRACKEN J, ASARNOW R, TOGA AW. Brain abnormalities in early-onset schizophrenia spectrum disorder observed with statistical parametric mapping of structural magnetic resonance images. *Am J Psychiatry* 2000; 157(9): 1475-1484
72. STAAL WG, HULSHOFF POL HE, SCHNACK HG, HOOGENDOORN ML, JELLEMA K, KAHN RS. Structural brain abnormalities in patients with schizophrenia and their healthy siblings. *Am J Psychiatry* 2000; 157(3): 416-421
73. STAAL W.G., HULSHOFF et al; Partial volume decrease of the thalamus in relatives of patients with schizophrenia. *Am J Psychiatry* 1998, 155: 1784-1786.
74. SUDDATH R.L., CHRISTISON G.W. et al; Anatomical Abnormalities in the Brains of Monozygotic Twins Discordant for Schizophrenia. *New Engl.J of Medicine*; Mar 22, 1990 322(12) p 789-94.
75. TÖLLE RAINER; Lehrbuch der Psychiatrie Auflage 12; 1999.
76. TREPEL MARTIN, Lehrbuch der Neuroanatomie Auflage 3; 2004
77. TURETSKY B, COWELL PE, GUR RC, GROSSMAN RI, SHTASEL DL, GUR RE (1995) Frontal and temporal lobe brain volumes in schizophrenia. Relationship to symptoms and clinical subtype. *Arch Gen Psychiatry* 52: 1061-1070
78. VOGELEY, K; FALKAI, P. (1998): The cortical disconnectivity hypothesis of schizophrenia. *Neurol Psychiatry Brain Res.*; 6, 113-122
79. VOGELEY, K. UND FALKAI, P., Brain Imaging in Schizophrenia, *Current Opinion in Psychiatry* (1999) 41-46.
80. WEINBERGER D.R., DELISI L.E. et al; Familial aspects of CT scan abnormalities in chronic schizophrenic patients. *Psychiatry Res* 1981;4; 65-71.
81. WING, J.K., COOPER, J.E., SARTORIUS, N. (1974): Measurement and classification of psychiatric symptoms: An instruction manual for the PSE and CATEGO Program. Cambridge university Press, London
82. WITTCHEM HU, SCHRAMM E, ZAUDIG M, UNLAND H (1991) Strukturiertes Klinisches Interview für DSM-III-R. Eine deutschsprachige, erweiterte Bearbeitung der amerikanischen Originalversion der SCID von RL. Spitzer, JB .Williams, M. Gibbon und MB. First. Belz, Weinheim
83. WOBROCK T, PAJONK FG, FALKAI P (2004) Schizophrenie. Epidemiologie, Ätiopathogenese, Symptomatologie, Diagnostik und Differenzialdiagnostik. *Fortschr Neurol Psychiatr* 72, 98-113
84. WOODRUFF PW, McMANUS IC, DAVID AS. Meta-analysis of corpus callosum size in schizophrenia. *J Neurol Neurosurg Psychiatry* 1995; 58(4): 457-461

85. WRIGHT IC, RABE-HESKETH S, WOODRUFF PWR, DAVID AS, MURRAY RM, BULLMORE ET (2000) Meta-analysis of regional brain volumes in schizophrenia. *Am J Psychiatry* 157:16–25
86. ZHOU SY, SUZUKI M, HAGINO H, TAKAHASHI T, KAWASAKI Y, NOHARA S, YAMASHITA I, SETO H, KURACHI M. Decreased volume and increased asymmetry of the anterior limb of the internal capsule in patients with schizophrenia. *Biol Psychiatry* 2003; 54: 427-436
87. ZUBIN, J., (1987): Epidemiology and course of schizophrenia: Discussion. In: Häfner, H.,