

JOACHIM JÄNECKE

Publications since 1999 after retirement (reverse chronological order)

Articles in Refereed Journals

2012 (Refereed Journals)

151. “ High-resolution study of Gamow-Teller transitions via the $^{54}\text{Fe}(^3\text{He,t})^{54}\text{Co}$ reaction ”, T. Adachi, Y. Fujita, A. D. Bacher, G. P. A. Berg, T. Black, D. De Frenne, C. C. Foster, H. Fujita, K. Fujita, K. Hatanaka, M. Honma, E. Jacobs, J. Jänecke, K. Kanzaki, K. Katori, K. Nakanishi, A. Negret, T. Otsuka, L. Popescu, D. A. Roberts, Y. Sakemi, Y. Shimbara, Y. Shimizu, E. J. Stephenson, Y. Tameshige, A. Tamii, M. Uchida, H. Ueno, T. Yamanaka, M. Yosoi, and K. O. Zell, *Phys. Rev.* **C85** (2012) 024308; 15 pages.

2007 (Refereed Journals)

150. “ Isospin structure of $J^\pi = 1^+$ states in ^{58}Ni and ^{58}Cu studied by $^{58}\text{Ni}(p,p')$ and $^{58}\text{Ni}(^3\text{He,t})^{58}\text{Cu}$ measurements”, H. Fujita, Y. Fujita, T. Adachi, A. D. Bacher, G. P. A. Berg, T. Black, E. Caurier, C. C. Foster, H. Fujimura, K. Hara, K. Harada, K. Hatanaka, J. Jänecke, J. Kamiya, Y. Kanzaki, K. Katori, T. Kawabata, K. Langanke, G. Martínez-Pinedo, T. Noro, D. A. Roberts, H. Sakaguchi, Y. Shimbara, T. Shinada, E. J. Stephenson, H. Ueno, T. Yamanaka, M. Yoshifuku, and M. Yosoi, *Phys. Rev.* **C75** (2007) 034310; 15 pages.
149. “Damping mechanisms of high-lying single-particle states in ^{91}Nb ”, H.K.T. van der Molen, H. Akimune, A.M. van den Berg, I. Daito, H. Fujimura, Y. Fujita, M. Fujiwara, M.N. Harakeh, M. Hunyadi, F. Ihara, T. Inomata, K. Ishibashi, J. Jänecke, N. Kalantar-Nayestanaki, H. Laurent, I. Lhenry, T.W. O'Donnell, V.A. Rodin, A. Tamii, H. Toyokawa, M.H. Urin, H.J. Wörtche, H. Yoshida, and M. Yosoi, *Phys. Rev.* **C75** (2007) 014311; 13 pages.

148. "Symmetry energies, pairing energies, and mass equations", J.Jänecke and T.W. O'Donnell, *Nucl. Phys.* **A781** (2007) 317-341.

2006 (Refereed Journals)

147. "Measurement of the Gamow-Teller Strength Distribution in ^{58}Co via the $^{58}\text{Ni}(t, ^3\text{He})$ reaction at 115 MeV/nucleon", A.L. Cole, H. Akimune, Sam M. Austin, D. Bazin, A.M. van den Berg, G.P.A. Berg, J. Brown, I. Daito, Y. Fujita, M. Fujiwara, S. Gupta, K. Hara, M.N. Harakeh, J. Jänecke, T. Kawabata, T. Nakamura, D.A. Roberts, B.M. Sherrill, M. Steiner, H. Ueno, and R.G.T. Zegers, *Phys. Rev.* **C74** (2006) 034333; 13 pages.
- 146 "The $(t, ^3\text{He})$ and $(^3\text{He}, t)$ reactions as probes of Gamow-Teller strength", R.G.T. Zegers, H. Akimune, Sam M. Austin, D. Bazin, A.M. van den Berg, G.P.A. Berg, B.A. Brown, J. Brown, A.L. Cole, I. Daito, Y. Fujita, M. Fujiwara, S. Gales, M.N. Harakeh, H. Hashimoto, R. Hayami, G.W. Hitt, M.E. Howard, M. Itoh, J. Jänecke, T. Kawabata, K. Kawase, M. Kinoshita, T. Nakamura, K. Nakanishi, S. Nakayama, S. Okamura, W.A. Richter, D.A. Roberts, B.M. Sherrill, M. Steiner, M. Uchida, H. Ueno, T. Yamagata, M. Yosoi, *Phys. Rev.* **C74** (2006) 024309; 15 pages.

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140. "Isospin symmetry in the structure study of unstable nuclei", Y. Fujita, G.P.A. Berg, A.D. Bacher, T. Black, C.C. Foster, H. Fujimura, H. Fujita, K. Hara, K. Hatanaka, J. Jänecke, J. Kamiya, K. Katori, T. Kawabata, W. Lozowski, T. Noro, D.A. Roberts, Y. Shimbara, E.J. Stephenson, H. Ueno, T. Yamanaka, and M. Yosoi, *Progress of Theoretical Physics, Supplement* **146** (2002) 473-477.
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135. "Isospin symmetry-structure at new high-resolution course at RCNP", Y. Fujita, T. Adachi, H. Akimune, A.D. Bacher, G.P.A. Berg, T. Black, I. Daito, C.C. Foster, H. Fujimura, H. Fujita, M. Fujiwara, K. Hara, K. Harada, M.N. Harakeh, K. Hatanaka, T. Inomata, J. Jänecke, J. Kamiya, Y. Kanzaki, K. Katori, T. Kawabata, W. Lozowski, K. Nagayama, T. Noro, D.A. Roberts, H. Sakaguchi, Y. Shimbara, T. Shinada, E.J. Stephenson, A. Tamii, K. Tamura, M. Tanaka, H. Ueno, T. Wakasa, T. Yamanaka, M. Yoshifuku, and M. Yosoi, *Nucl. Phys.* **A687** (2001) 311c-320c.
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