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Popis radova objavljenih u znanstveno-istraživačkim časopisima	➢ B. Podobnik, P. Ring and D. Vretenar, Relativistic mean-field description of collective motion in nuclei: the pion field, Z. Phys. A354 (1996) 375 ➢ P. Ring, D. Vretenar and B. Podobnik, Double giant resonances in time-dependent relativistic mean-field theory, Nucl. Phys. A598 (1996) 107 ➢ D. Horvat, B. Podobnik and D. Tadic, Chiral quark model in a Tamm-Dancoff inspired approximation, Phys. Rev. D58 034003 (1998) ➢ D. Horvat, B. Podobnik and D. Tadic, Nucleon static properties in a Tamm-Dancoff inspired approximation, Fizika B7 (1998) 3, 127 ➢ B. Podobnik,et al, Systems with correlations in the variance: Generating power-law tails in probability distributions, "Europhys. Lett. 50, (2000) 711 ➢ B. Podobnik,et al, Scale-invariant truncated Levy flight,"Europhys. Lett. 52, (2000) 491 ➢ B. Podobnik, et al, Time evolution of stochastic processes with correlations in the variance: stability in power-law tails of distributions, Physica A 300, 300-309 (2001) ➢ P.Ch. Ivanov, B. Podobnik and H. E. Stanley, Truncated Levy process with scale-invariant behavior, Physica A 299, 154-160 (2001). ➢ B. Podobnik, et al, Stochastic processes with power-law stability and the crossover in power-law correlations, Physica A 316, 153 (2002) ➢ D. Klabucar, K. Kumericki, D. Mekterovic, and B. Podobnik, On the instanton--induced portion of the nucleon strangeness II: the MIT model beyond the linearized approximation, Eur.Phys.J. C 29, 71-78 (2003) ➢ P. Ch. Ivanov, A. Yuen, B. Podobnik, Y. Lee, Common scaling patterns in intratrade times of U.S. Stocks, Phys. Rev. E 69, 056107 (2004) ➢ B. Podobnik, I. Grosse, P.Ch. Ivanov, K. Matia and H. E. Stanley, ARCH-GARCH approaches to modeling high-frequency financial data, Physica A 344 (1-2): 216-220 (2004). ➢ B. Podobnik, P. Ch. Ivanov, V. Jazbinsek, Z. Trontelj, H. E. Stanley, and I. Grosse, Power-law correlated processes with asymmetric distributions, Phys. Rev. E 71 (2) 025104(R) (2005) ➢ T. Jagric, M. Kolanovic, and B. Podobnik, Does the Efficient Market Hypothesis Hold? Evidence from Six Transition Economies, to be published in Eastern European Economics (2005).

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	➤ B. Podobnik, et al, Stochastic processes with power-law stability and the crossover in power-law correlations, Physica A 316, 153 (2002). ➤ P. Ch. Ivanov, A. Yuen, B. Podobnik, Y. Lee, Common scaling patterns in intratrade times of U.S. Stocks, Phys. Rev. E 69, 056107 (2004). ➤ B. Podobnik, I. Grosse, P.Ch. Ivanov, K. Matia and H. E. Stanley, ARCH-GARCH approaches to modeling high-frequency financial data, Physica A 344 (1-2): 216-220 (2004). ➤ B. Podobnik, P. Ch. Ivanov, V. Jazbinsek, Z. Trontelj, H. E. Stanley, and I. Grosse, Power-law correlated processes with asymmetric distributions, Phys. Rev. E 71 (2) 025104(R) (2005). ➤ T. Jagric, M. Kolanovic, and B. Podobnik, Does the Efficient Market Hypothesis Hold? Evidence from Six Transition Economies, to be published in Eastern European Economics (2005).
Popis znanstveno-istraživačkih projekata u svojstvu voditelja	➤ B. Podobnik,et al, Systems with correlations in the variance: Generating power-law tails in probability distributions, "Europhys. Lett. 50, (2000) 711 ➤ B. Podobnik,et al, Scale-invariant truncated Levy flight,"Europhys. Lett. 52, (2000) 491 ➤ B. Podobnik, et al, Time evolution of stochastic processes with correlations in the variance: stability in power-law tails of distributions, Physica A 300, 300-309 (2001) ➤ P.Ch. Ivanov, B. Podobnik and H. E. Stanley, Truncated Levy process with scale-invariant behavior, Physica A 299, 154-160 (2001). ➤ B. Podobnik, et al, Stochastic processes with power-law stability and the crossover in power-law correlations, Physica A 316, 153 (2002). ➤ P. Ch. Ivanov, A. Yuen, B. Podobnik, Y. Lee, Common scaling patterns in intratrade times of U.S. Stocks, Phys. Rev. E 69, 056107 (2004). ➤ B. Podobnik, I. Grosse, P.Ch. Ivanov, K. Matia and H. E. Stanley, ARCH-GARCH approaches to modeling high-frequency financial data, Physica A 344 (1-2): 216-220 (2004). ➤ B. Podobnik, P. Ch. Ivanov, V. Jazbinsek, Z. Trontelj, H. E. Stanley, and I. Grosse, Power-law correlated processes with asymmetric distributions, Phys. Rev. E 71 (2) 025104(R) (2005). ➤ T. Jagric, M. Kolanovic, and B. Podobnik, Does the Efficient Market Hypothesis Hold? Evidence from Six Transition Economies, to be published in Eastern European Economics (2005).

Popis znanstveno-istraživačkih projekata u svojstvu suradnika	➤ Bilateralna hrv-slo suradnja na istrazivanjima dinamike srca ➤ Istraživanje dugodosežnih korelacija i stohastičko modeliranje na nivou stanice (znanstveni projekt MZOS br. 114-0352827-1370)

Broj mentorstava na magistarskim radovima	0

Broj mentorstava na doktorskim radovima	0

Broj članstava u komisijama za ocjenu i obranu magistarskih radova	0

Broj članstava u komisijama za ocjenu i obranu doktorskih radova	0