

Zoznam publikačnej činnosti

RNDr. Miroslav Iliáš, PhD.

ABB Štúdie v časopisoch a zborníkoch charakteru vedeckej monografie vydané v domácich vydavateľstvách

- ABB01 Iliáš, Miroslav 40% [3 AH] - Kellö, Vladimír 30% - Urban, Miroslav 30% : Relativistic effects in atomic and molecular properties
Lit.: 463 zázň., 13 obr.
In: Acta Physica Slovaca. - Vol. 60, No. 3 (2010), s. 259-391
Ohlasy (12):
[o1] 2010 Ponec, R. - Bucinsky, L. - Gatti, C.: Journal of Chemical Theory and Computation, Vol. 6, No. 10, 2010, s. 3113-3121 - SCI
[o1] 2011 Nakata, A. - Tsuneda, T. - Hirao, K.: Journal of Chemical Physics, Vol. 135, No. 22, 2011, Art. No. 224106 - SCI
[o1] 2011 Meciárová, K. - Sulka, M. - Canneaux, S. - Louis, F. - Cernusak, I.: Chemical Physics Letters, Vol. 517, No. 4-6, 2011, s. 149-154 - SCI
[o1] 2011 Cukovicová, M. - Federic, J. - Cernusak, I.: International Journal of Quantum Chemistry, Vol. 111, No. 13, 2011, s. 3438-3451 - SCI
[o1] 2011 Granatier, J. - Lazar, P. - Otyepka, M. - Hobza, P.: Journal of Chemical Theory and Computation, Vol. 7, No. 11, 2011, s. 3743-3755 - SCI
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[o1] 2011 Pahl, E. - Figgen, D. - Borschevsky, A. - Peterson, K.A. - Schwerdtfeger, P.: Theoretical Chemistry Accounts, Vol. 129, No. 3-5, 2011, s. 651-656 - SCI
[o1] 2011 Louis, F. - Cernusak, I. - Canneaux, S. - Meciárová, K.: Computational and Theoretical Chemistry, Vol. 965, No. 2-3, 2011, s. 275-284 - SCI
[o1] 2011 Bucinsky, L. - Biskupic, S. - Jayatilaka, D.: Theoretical Chemistry Accounts, Vol. 129, No. 2, 2011, s. 181-197 - SCI
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[o1] 2011 Belpassi, L. - Storch, L. - Quiney, H.M. - Tarantelli, F.: Physical Chemistry Chemical Physics, Vol. 13, No. 27, 2011, s. 12368-12394 - SCI
[o1] 2012 Nakajima, T. - Hirao, K.: Chemical Reviews, Vol. 112, No. 1, 2012, s. 385-402 - SCI

ACB Vysokoškolské učebnice vydané v domácich vydavateľstvách

- ACB01 Čerňušák, Ivan 1% [0,06 AH] - Neogrady, Pavel 48% [3 AH] - Noga, Jozef 1% [0,06 AH] - Iliáš, Miroslav 2% [0,15 AH] - Pitoňák, Michal 48% [3 AH] : Základy numerickej matematiky pre prírodovedcov : s príkladmi v Microsoft Excel 2010. - 2. vyd. - Banská Bystrica : Univerzita Mateja Bela, 2012. - 119 s. [6,27 AH]
Lit.: 37 zázň., obr., tabuľky, grafy v texte
ISBN 978-80-557-0277-3

ADC Vedecké práce v zahraničných karentovaných časopisoch

- ADC01 Iliáš, Miroslav - Furdík, P. - Urban, Miroslav : Comparative study of electron correlation and relativistic effects in CuF, AgF, and AuF
Lit.: 34 zázň.
In: Journal of Physical Chemistry A. - Vol. 102, No. 27 (1998), s. 5263-5268
Ohlasy (31):
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ADC02 Iliáš, Miroslav - Neogrady, Pavel : Ionization potentials of Zn, Cd, Hg and dipole polarizabilities of Zn⁺, Cd⁺, Hg⁺: correlation and relativistic effects

Lit.: 34 zázn.

In: *Chemical Physics Letters*. - Vol. 309, No. 5-6 (1999), s. 441-449

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ADC03 Iliáš, Miroslav - Kellö, Vladimír - Visscher, Lucas - Schimmelpfennig, Bernd : Inclusion of mean-field spin-orbit effects based on all-electron two-component spinors: Pilot calculations on atomic and molecular properties

In: Journal of Chemical Physics. - Vol. 115, No. 21 (2001), s. 9667-9674

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ADC04 Iliáš, Miroslav - Kellö, Vladimír - Fleig, Timo - Urban, Miroslav : Electric properties of hydrogen iodide: Reexamination of correlation and relativistic effects

Lit.: 40 zázn.

In: Theoretical Chemistry Accounts. - Vol. 110, No. 3 (2003), s. 176-184

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ADC05 Iliáš, Miroslav - Jensen, Hans Jorgen A. - Kellö, Vladimír - Roos, Björn O. - Urban, Miroslav : Theoretical study of PbO and the PbO anion
 Lit.: 33 zázň.
 In: Chemical Physics Letters. - Vol. 408, No. 4-6 (2005), s. 210-215
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ADC06 Hanni, Matti 19% - Lantto, Perttu 17% - Iliáš, Miroslav 30% - Jensen, Hans Jorgen Aagaard 17% - Vaara, Juha 17% : Relativistic effects in the intermolecular interaction-induced nuclear magnetic resonance parameters of xenon dimer
 Lit.: 95 zázň., 6 obr., 6 tab.
 In: Journal of Chemical Physics. - Vol. 127, No. 16 (2007), s. 64313
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ADC07 Iliáš, Miroslav 75% - Saue, Trond 25% : An infinite-order two-component relativistic Hamiltonian by a simple one-step transformation

Lit.: 82 zázn., 1 obr., 4 tab.

In: Journal of Chemical Physics. - Vol. 126, No. 6 (2007), s. 64102

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