

Introduction to nanomaterials and nanotechnology

Pokropivny, Vladimir; Lõhmus, Rünno; **Hussainova, Irina**; Pokropivny, Alex; Vlassov, Sergei 2007

https://www.ester.ee/record=b2310170*est

Kvantitatiivsed struktuur-omadus sõltuvused kondenseeritud ringsüsteemide polariseeritavuse modelleerimiseks

Martin, Dana; Sild, Sulev; Maran, Uko; **Karelson, Mati** XXX Eesti keemiapäevad : teaduskonverentsi teesid = 30th Estonian Chemistry Days : abstracts of scientific conference 2007 / lk. 94-95 : ill

Ne, Ar, and Kr oscillators in the molecular cavity of fullerene C60

Jafari, Tanzeeha; Shugai, Anna; Nagel, Urmas; Bacanu, George Razvan; Aouane, Mohamed; Jimenez-Ruiz, Monica; Rols, Stephane; Bloodworth, Sally; Walkey, Mark; Hoffman, Gabriela; Whitby, Richard J.; Levitt, Malcolm H.; Rõõm, Toomas The Journal of chemical physics 2023 / art. 234305 : ill <https://doi.org/10.1063/5.0152628>

Production technology elaboration and characterization of Al-MWCNT, Al-fullerenes and Al-B4C composites

Kommel, Lembit; Metsvahi, Rainer; Mihhalsenkov, M. Proceedings of the 8th International Conference of DAAAM Baltic Industrial Engineering, 19-21st April 2012, Tallinn, Estonia. 2 2012 / p. 651-656 : ill

QRSP modeling of the polarizability of polyaromatic hydrocarbons and fullerenes

Martin, Dana; Sild, Sulev; Maran, Uko; **Karelson, Mati** Journal of physical chemistry C 2008 / 13, p. 4785-4790

https://www.researchgate.net/publication/231648921_QSPR_Modeling_of_the_Polarizability_of_Polyaromatic_Hydrocarbons_and_Fullerenes

Squeezing formaldehyde into C60 fullerene

Vyas, Vijyesh K.; Bacanu, George Razvan; Soundararajan, Murari; Marsden, Elizabeth S.; **Jafari, Tanzeeha**; Shugai, Anna; Light, Mark E.; Nagel, Urmas; Rõõm, Toomas; Levitt, Malcolm H.; Whitby, Richard J. Nature Communications 2024 / art. 2515

<https://doi.org/10.1038/s41467-024-46886-5> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The quantitative structure activity relationships for predicting HIV protease inhibition by substituted fullerenes

Martin, Dana; **Karelson, Mati** Letters in drug design and discovery 2010 / 8, p.587-595 <https://www.eurekaselect.com/article/31554>