

Demeter Tzeli publications

1. On the Electronic Structure of the Ground ($X^3\Sigma^-$) and Some Low-Lying States ($A^3\Pi$, $a^1\Delta$, $b^1\Sigma^+$, $B^3\Sigma^-$) of the Isovalent Species P-Li and P-Na
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2. On the Electronic Structure of NLi_2 and PLi_2 . Ground and Low-Lying Excited States
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3. The electronic structure of $ScAl^+$. Ground and Low-Lying excited states
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4. A first principles study of the acetylene--water interaction
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[DOI: [10.1063/1.1450548](https://doi.org/10.1063/1.1450548)]
9. First principles Examination of the Acetylene-Water clusters, $HCCH-(H_2O)_x$, $x = 2, 3$, and 4
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10. On the dipole moment of the ground state $X^3\Delta$ of iron carbide, FeC
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15. Ab initio Investigation of the Electronic and Geometric Structure of Magnesium Diboride, MgB₂
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20. Structure and bonding of the 3d-transition metal borides, MB, M = Sc, Ti, V, Cr, Mn, Fe, Co, Ni, and Cu through all electron ab initio calculations
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