

Publications in international journals (SCI journals)

1. M. Plioukas, A. Termentzi, C. Gabrieli, M. Zervou, P. Kefalas, E. Kokkalou. Novel acylflavones from *Sideritis syriaca* ssp. *Syriaca*. *Food Chemistry 2010* (early view on line)
2. J. Wiecek, D. Kovala-Demertzi, Z. Ciunik, M. Zervou, M.A. Demertzis. Diorganotin Complexes of a Thiosemicarbazone. Synthesis, Properties, X-Ray Crystal Structure and Antiproliferative Activity of Diorganotin Complexes," *Bioinorganic Chemistry and Applications*, (2010), Article ID 867195, [doi:10.1155/2010/867195](https://doi.org/10.1155/2010/867195)
3. J. Wiecek, D. Kovala-Demertzi, Z. Ciunik, J. Wietrzyk, M. Zervou, M. Demertzis. Organotin compound derived from 3-hydroxy-2-formylpyridine- semicarbazone. Synthesis, crystal structure and anti-proliferative activity. . *Bioinorganic Chemistry and Applications*, (2010), Article ID 718606, [doi:10.1155/2010/718606](https://doi.org/10.1155/2010/718606)
4. V. Saroglou, A. Karioti, A. Rancic, K. Dimas, C. Koukoulitsa, M. Zervou, H. Skaltsa. Sesquiterpene Lactones from *Anthemis melanolepis* and Their Antibacterial and Cytotoxic Activities. Prediction of Their Pharmacokinetic Profile. *J. Nat. Prod.* 2010, 73, 242–246
5. S. Durdagi, M.G. Papadopoulos, P.G. Zoumpoulakis, C. Koukoulitsa, T. Mavromoustakos: A computational study on cannabinoid receptors and potent bioactive cannabinoid ligands: homology modeling, docking, de novo drug design and molecular dynamics analysis. *Molecular Diversity 2010*; 14, 257-276
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8. Calogeropoulou T., Avlonitis N., Minas V., Alexi X., Pantzou A., Charalampopoulos I., Zervou M., Vergou V., Katsanou E. S., Lazaridis I., Alexis M., Gravanis A. Novel DHEA Derivatives with Anti-Apoptotic Neuroprotective activity. *J. Med. Chem.* 2009, 52 (21), 6569–6587
9. Camoutsis C., Geronikaki A., Ciric A., Soković M. Zoumpoulakis P., Zervou M. Sulfonamide-1,2,4-thiadiazole derivatives as antifungal and antibacterial agents: Synthesis, biological evaluation, lipophilicity, and conformational studies, *Chem. Pharm. Bull.* 2010, 58(2), 160-167 *vbh*
10. Politi A., Zervou M., Triantafyllidi H., Zoumpoulakis P., Zoga A., Moutevelis-Minakakis P., Kokotos G., Mavromoustakos T., Iliodromitis E.K., Kremastinos D.Th.. Hypertension study in anesthetized rabbits: Protocol proposal for AT1 antagonists screening. *JRAAS 2010*, 11 (2), 103 - 110
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15. Ch. Fotakis, D. Christodouleas, P. Chatzigeorgiou, M. Zervou, N. P. Benetis, K. Viras, T. Mavromoustakos. Development of a CP-31P NMR broadband simulation methodology for studying the interactions of antihypertensive AT1 antagonist losartan with phospholipids bilayers. [*Biophysical J.* 2009; 96, 2227–2236](#)
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20. C. Gabriel, J. Venetis, M. Kaliva, C.P. Raptopoulou, A. Terzis, C. Drouza, B. Meier, G. Voyiatzis, C. Potamitis, A. Salifoglou: Probing for missing links in the binary and ternary V(V)-citrate-(H₂O₂) systems: synthetic efforts and in vitro insulin mimetic activity studies. [*Journal of inorganic biochemistry* 2009;103 \(4\), 503-516](#)
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Review articles in international journals

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3. T. Mavromoustakos, A. Kapou, N.P. Benetis, **M. Zervou**. Conformational Analysis Using 2D NMR Spectroscopy Coupled with Computational Analysis as an Aid in the Alignment Procedure of 3D-QSAR studies. [*Drug Design Reviews - Online* 2004; 1\(3\), 235-245\(11\).](#)

Book chapters

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2. T. Mavromoustakos, S. Golic Grdadolnik, **M. Zervou**, P. Zoumpoulakis, C. Potamitis, A. Politi, E. Mantzourani, J.A. Platts, C. Koukoulitsa, P. Minakakis, G. Kokotos, T. Tselios, J. Matsoukas, S. Durdagi, M. Papadopoulos, D. Papahadjis, Z.S. Spyrianti, G.A. Dalkas, G. Spyroulias. Putative Bioactive Conformers of Small Molecules: A Concerted Approach using NMR Spectroscopy and Computational Chemistry. *In Medicinal Chemistry Research Progress.* Giulia P. Colombo and Sofia Ricci (Eds). Nova Publisher (2008).
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