

LIST OF PUBLICATIONS – 2014

1. Lipid Geometrical Isomerism: From Chemistry to Biology and Diagnostics
Chatgililoglu, C.; Ferreri, C.; Melchiorre, M.; Sansone, A.; Torreggiani, A.
Chem. Rev. **2014**, *114*, 255–284.
2. Biomimetic Thiyl Radical Chemistry by g-Irradiation of Micelles and Vesicles Containing Unsaturated Fatty Acids
Chatgililoglu, C.; Ferreri, C.; Lykakis, I. N.; Mihaljević, B.
Isr. J. Chem. **2014**, *54*, 242–247.
3. Structural basis for the recognition of diastereomeric 5',8-cyclo-2'-deoxypurine lesions by the human nucleotide excision repair system
Kropachev, K.; Ding, S.; Terzidis, M. A.; Masi, A.; Liu, Z.; Cai, Y.; Kolbanovskiy, M.; Chatgililoglu, C.; Broyde, S.; Geancitov, N. E.; Shafirovich, V.
Nucl. Acids Res. **2014**, *42*, 5020–5032.
4. A problem solving approach for the diastereoselective synthesis of (5'S)- and (5'R)-5',8-cyclopurine lesions
Chatgililoglu, C.; Ferreri, C.; Masi, A.; Sansone, A.; Terzidis, M. A.; Tsakos, M.
Org. Chem. Front. **2014**, *1*, 698–702.
5. A lipophilic "fully-anti" dodecamer from mutagenic (5'S)-5',8-cyclo-2'-deoxyguanosine
Pieraccini, S.; Terzidis, M. A.; Baldassarri, E. J.; Fragneto, G.; Mariani, P.; Masiero, S.; Chatgililoglu, C.
Chem. Commun. **2014**, *50*, 10722–10725.
6. A 5', 8-cyclo-2'-deoxypurine lesion induces trinucleotide repeat deletion via a unique lesion bypass by DNA polymerase β
Xu, M.; Lai, Y.; Jiang, Z.; Terzidis, M. A.; Masi, A.; Chatgililoglu, C.; Liu, Y.
Nucl. Acids Res. **2014**, *42*, 13749–13763.
7. Evaluation of total reducing power of edible oils
Christodouleas, D.; Fotakis, C.; Papadopoulos, K.; Calokerinos, A. C.
Talanta **2014**, *130*, 233–240.
8. An automatic FIA-CL method for the determination of antioxidant activity of edible oils based on peroxyoxalate chemiluminescence
Christodouleas, D. C.; Giokas, D. L.; Garyfali, V.; K. Papadopoulos, K.; Calokerinos, A.C.
Microchem. J. **2014**, *118*, 73–79.
9. Modified DPPH and ABTS Assays to Assess the Antioxidant Profile of Untreated Oils
Christodouleas, D. C.; Fotakis, C.; Nikokavoura, A.; Papadopoulos, K.; Calokerinos, A. C.
Food Anal. Methods **2014**, DOI 10.1007/s12161-014-0005-6