

## Department of Molecular Biology & Genetics

### List of publications 2016

1. Pasolli, M., Dafnopoulos, K., Andreou, N.-P., Gritzapis, P.S., Koffa, M., Koumbis, A.E., Psomas, G., Fylaktakidou, K.C. Pyridine and p-nitrophenyl oxime esters with possible photochemotherapeutic activity: Synthesis, DNA photocleavage and DNA binding studies (2016) *Molecules*, 21 (7), art. no. 864, <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84979502217&doi=10.3390%2fmolecules21070864&partnerID=40&md5=1bd64dd52bd32abb52a9bdc1d96bcb39>, DOI: 10.3390/molecules21070864, DOCUMENT TYPE: Article, SOURCE: Scopus
2. Andreou, N.-P., Dafnopoulos, K., Tortopidis, C., Koumbis, A.E., Koffa, M., Psomas, G., Fylaktakidou, K.C. Alkyl and aryl sulfonyl p-pyridine ethanone oximes are efficient DNA photo-cleavage agents (2016) *Journal of Photochemistry and Photobiology B: Biology*, 158, pp. 30-38. Cited 7 times. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959305225&doi=10.1016%2fj.jphotobiol.2016.02.017&partnerID=40&md5=d6471d89d2209b56fe6586e06435a0cb>, DOI: 10.1016/j.jphotobiol.2016.02.017, DOCUMENT TYPE: Article, SOURCE: Scopus
3. Papastergiou, A., Perontsis, S., Gritzapis, P., Koumbis, A.E., Koffa, M., Psomas, G., Fylaktakidou, K.C., Evaluation of O-alkyl and aryl sulfonyl aromatic and heteroaromatic amidoximes as novel potent DNA photo-cleavers (2016) *Photochemical and Photobiological Sciences*, 15 (3), pp. 351-360. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959311048&doi=10.1039%2fc5pp00439j&partnerID=40&md5=47a7c1aecacaec1fa3309769d88263ea>, DOI: 10.1039/c5pp00439j, DOCUMENT TYPE: Article, SOURCE: Scopus
4. Konieczny, V., Stefanakis, J.G., Sitsanidis, E.D., Ioannidou, N.-A.T., Papadopoulou, N.V., Fylaktakidou, K.C., Taylor, C.W., Koumbis, A.E. Synthesis of inositol phosphate-based competitive antagonists of inositol 1,4,5-trisphosphate receptors, (2016) *Organic and Biomolecular Chemistry*, 14 (8), pp. 2504-2514. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983158488&doi=10.1039%2fc5ob02623g&partnerID=40&md5=a365753d5c32635b812de17c2f142da1>, DOI: 10.1039/c5ob02623g, DOCUMENT TYPE: Article, SOURCE: Scopus
5. Serafeim, A.-P., Salamanos, G., Patapati, K.K., Glykos, N.M., Sensitivity of Folding Molecular Dynamics Simulations to even Minor Force Field Changes, (2016) *Journal of Chemical Information and Modeling*, 56 (10), pp. 2035-2041. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84992708471&doi=10.1021%2facsc.jcim.6b00493&partnerID=40&md5=95e550e193083b744b7d891057f069ff>, DOI: 10.1021/acs.jcim.6b00493, DOCUMENT TYPE: Article, ACCESS TYPE: Open Access, SOURCE: Scopus
6. Baltzis, A.S., Glykos, N.M., Characterizing a partially ordered miniprotein through folding molecular dynamics simulations: Comparison with the experimental data, (2016) *Protein Science*, 25 (3), pp. 587-596. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959327065&doi=10.1002%2fpro.2850&partnerID=40&md5=2bbbd5cb135647615f659f172af7efdc>, DOI: 10.1002/pro.2850, DOCUMENT TYPE: Article, SOURCE: Scopus
7. Alexander, J., Potamianou, H., Xing, J., Deng, L., Karagiannidis, I., Tsetsos, F., Drineas, P., Tarnok, Z., Rizzo, R., Wolanczyk, T., Farkas, L., Nagy, P., Szymanska, U., Androutsos, C., Tsironi, V., Koumoula, A., Barta, C., Sandor, P., Barr, C.L., Tischfield, J., Paschou, P., Heiman, G.A., Georgitsi, M., Targeted Re-sequencing approach of candidate genes implicates rare potentially functional variants in tourette syndrome etiology, (2016) *Frontiers in Neuroscience*, 10 (SEP), art. no. 428, <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84992016847&doi=10.3389%2ffnins.2016.00428&partnerID=40&md5=79ad48dcb1e7165a101314c4e73912a1>, DOI: 10.3389/fnins.2016.00428, DOCUMENT TYPE: Article, SOURCE: Scopus
8. Forde, N.J., Kanaan, A.S., Widomska, J., Padmanabhuni, S.S., Nespoli, E., Alexander, J., Rodriguez Arranz, J.I., Fan, S., Houssari, R., Nawaz, M.S., Rizzo, F., Pagliaroli, L., Zilhi, N.R., Aranyi, T., Barta, C., Boeckers, T.M., Boomsma, D.I., Buisman, W.R., Buitelaar, J.K., Cath, D., Dietrich, A., Driessen, N., Drineas, P., Dunlap, M., Gerasch, S., Glennon, J., Hengerer, B., Van den Heuvel, O.A., Jespersgaard, C., Müller, H.E., Müller-Vahl, K.R., Openneer, T.J.C., Poelmans, G., Pouwels, P.J.W., Scharf, J.M., Stefansson, H., Tismer, Z., Veltman, D.J., Van der Werf, Y.D., Hoekstra, P.J., Ludolph, A., Paschou, P., TS-EUROTRAIN: A European-wide investigation and training network on the etiology and pathophysiology of Gilles de la Tourette Syndrome, (2016) *Frontiers in Neuroscience*, 10 (AUG), art. no. 384, <https://www.scopus.com/inward/record.uri?eid=2-s2.0->

- [84988350326&doi=10.3389%2ffnins.2016.00384](https://doi.org/10.3389/fnins.2016.00384)&partnerID=40&md5=ec015c90f894e4621f4dd9140f00c071, DOI: 10.3389/fnins.2016.00384, DOCUMENT TYPE: Article, SOURCE: Scopus
9. Georgitsi, M., Willsey, A.J., Mathews, C.A., State, M., Scharf, J.M., Paschou, P., The genetic etiology of tourette syndrome: Large-scale collaborative efforts on the precipice of discovery, (2016) *Frontiers in Neuroscience*, 10 (AUG), art. no. 351, <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988395787&doi=10.3389%2ffnins.2016.00351&partnerID=40&md5=887f193d8a7be0db232386fb69c03fb2>, DOI: 10.3389/fnins.2016.00351, DOCUMENT TYPE: Article, SOURCE: Scopus
  10. Paschou, P., Comment: Dissecting the genetic architecture of Tourette syndrome into subphenotypes, (2016) *Neurology*, 87 (5), p. 503. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84982946494&doi=10.1212%2fWNL.000000000002934&partnerID=40&md5=905eed96456e0255901512cef4a5c767>, DOI: 10.1212/WNL.000000000002934, DOCUMENT TYPE: Note, SOURCE: Scopus
  11. Alexander, J., Kalev, O., Mehrabian, S., Traykov, L., Raycheva, M., Kanakis, D., Drineas, P., Lutz, M.I., Ströbel, T., Penz, T., Schuster, M., Bock, C., Ferrer, I., Paschou, P., Kovacs, G.G., Familial early-onset dementia with complex neuropathologic phenotype and genomic background, (2016) *Neurobiology of Aging*, 42, pp. 199-204. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962886819&doi=10.1016%2fj.neurobiolaging.2016.03.012&partnerID=40&md5=c5bd1ad4cccf060c1d3bab2825af488e>, DOI: 10.1016/j.neurobiolaging.2016.03.012, DOCUMENT TYPE: Article, SOURCE: Scopus
  12. Bertelsen, B., Stefánsson, H., Riff Jensen, L., Melchior, L., Mol Debes, N., Groth, C., Skov, L., Werge, T., Karagiannidis, I., Tarnok, Z., Barta, C., Nagy, P., Farkas, L., Brøndum-Nielsen, K., Rizzo, R., Gulisano, M., Rujescu, D., Kiemeny, L.A., Tosato, S., Nawaz, M.S., Ingason, A., Unnsteinsdóttir, U., Steinberg, S., Ludvigsson, P., Stefansson, K., Kuss, A.W., Paschou, P., Cath, D., Hoekstra, P.J., Müller-Vahl, K., Stuhmann, M., Silaharoglu, A., Pfundt, R., Tümer, Z., Association of AADAC Deletion and Gilles de la Tourette Syndrome in a Large European Cohort, (2016) *Biological Psychiatry*, 79 (5), pp. 383-391. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945945271&doi=10.1016%2fj.biopsych.2015.08.027&partnerID=40&md5=c65d488efd09ff671efb95f24f106fcb>, DOI: 10.1016/j.biopsych.2015.08.027, DOCUMENT TYPE: Article, SOURCE: Scopus
  13. Padmanabhuni, S.S., Houssari, R., Esserlind, A.-L., Olesen, J., Werge, T.M., Hansen, T.F., Bertelsen, B., Tsetsos, F., Paschou, P., Tümer, Z., Investigation of SNP rs2060546 immediately upstream to NTN4 in a Danish Gilles de la Tourette syndrome cohort, (2016) *Frontiers in Neuroscience*, 10 (NOV), art. no. 531, <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85009786908&doi=10.3389%2ffnins.2016.00531&partnerID=40&md5=0aacd88df18ccd5f3a2a8dc496d543a2>, DOI: 10.3389/fnins.2016.00531, DOCUMENT TYPE: Article, SOURCE: Scopus
  14. Tsetsos, F., Padmanabhuni, S.S., Alexander, J., Karagiannidis, I., Tsifintaris, M., Topaloudi, A., Mantzaris, D., Georgitsi, M., Drineas, P., Paschou, P., Meta-analysis of tourette syndrome and attention deficit hyperactivity disorder provides support for a shared genetic basis, (2016) *Frontiers in Neuroscience*, 10 (JUL), art. no. 340, <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983507792&doi=10.3389%2ffnins.2016.00340&partnerID=40&md5=426a944cef768ccc78df8bd8b04a02c8>, DOI: 10.3389/fnins.2016.00340, DOCUMENT TYPE: Article, SOURCE: Scopus
  15. Vallianou, I., Dafou, D., Vassilaki, N., Mavromara, P., Hadzopoulou-Cladaras, M., Hepatitis C virus suppresses Hepatocyte Nuclear Factor 4 alpha, a key regulator of hepatocellular carcinoma, (2016) *International Journal of Biochemistry and Cell Biology*, 78, pp. 315-326. , <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84979916898&doi=10.1016%2fj.biocel.2016.07.027&partnerID=40&md5=c10eafc914ab3ef6deac35b00224a1f>, DOI: 10.1016/j.biocel.2016.07.027, DOCUMENT TYPE: Article, SOURCE: Scopus
  16. Grammatikos, G., Dietz, J., Ferreiros, N., Koch, A., Dultz, G., Bon, D., Karakasiliotis, I., Lutz, T., Knecht, G., Gute, P., Herrmann, E., Zeuzem, S., Mavromara, P., Sarrazin, C., Pfeilschifter, J., Persistence of HCV in acutely-infected patients depletes C24-ceramide and upregulates sphingosine and sphinganine serum levels, (2016) *International Journal of Molecular Sciences*, 17 (6), art. no. 922, <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84973618720&doi=10.3390%2fijms17060922&partnerID=40&md5=4d404f6c1d18c8ae89b3760098fb49f0>, DOI: 10.3390/ijms17060922, DOCUMENT TYPE: Article, SOURCE: Scopus

17. Dérian, N., Bellier, B., Pham, H.P., Tsitoura, E., Kazazi, D., Huret, C., Mavromara, P., Klatzmann, D., Six, A., Early Transcriptome Signatures from Immunized Mouse Dendritic Cells Predict Late Vaccine-Induced T-Cell Responses, (2016) *PLoS Computational Biology*, 12 (3), art. no. e1004801, 17 p., <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962110925&doi=10.1371%2fjournal.pcbi.1004801&partnerID=40&md5=eb5d65ec6de197d0b32b7f774f2f3797>, DOI: 10.1371/journal.pcbi.1004801, DOCUMENT TYPE: Article, ACCESS TYPE: Open Access, SOURCE: Scopus
18. Zoidis, G., Giannakopoulou, E., Stevaert, A., Frakolaki, E., Myrianthopoulos, V., Fytas, G., Mavromara, P., Mikros, E., Bartenschlager, R., Vassilaki, N., Naesens, L., Novel indole-flutimide heterocycles with activity against influenza PA endonuclease and hepatitis C virus, (2016) *MedChemComm*, 7 (3), pp. 447-456, <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961821098&doi=10.1039%2fc5md00439j&partnerID=40&md5=b26af19cdaa21acd2b4eff98d7263f84>, DOI: 10.1039/c5md00439j, DOCUMENT TYPE: Article, SOURCE: Scopus
19. Pasolli, M., Dafnopoulos, K., Andreou, N.-P., Gritzapis, P.S., Koffa, M., Koumbis, A.E., Psomas, G., Fylaktakidou, K.C., Pyridine and p-nitrophenyl oxime esters with possible photochemotherapeutic activity: Synthesis, DNA photocleavage and DNA binding studies, (2016) *Molecules*, 21 (7), art. no. 864, <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84979502217&doi=10.3390%2fmolecules21070864&partnerID=40&md5=1bd64dd52bd32abb52a9bdc1d96bcb39>, DOI: 10.3390/molecules21070864, DOCUMENT TYPE: Article, SOURCE: Scopus
20. Andreou, N.-P., Dafnopoulos, K., Tortopidis, C., Koumbis, A.E., Koffa, M., Psomas, G., Fylaktakidou, K.C., Alkyl and aryl sulfonyl p-pyridine ethanone oximes are efficient DNA photo-cleavage agents, (2016) *Journal of Photochemistry and Photobiology B: Biology*, 158, pp. 30-38. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959305225&doi=10.1016%2fj.jphotobiol.2016.02.017&partnerID=40&md5=d6471d89d2209b56fe6586e06435a0cb>, DOI: 10.1016/j.jphotobiol.2016.02.017, DOCUMENT TYPE: Article, SOURCE: Scopus
21. Papastergiou, A., Perontsis, S., Gritzapis, P., Koumbis, A.E., Koffa, M., Psomas, G., Fylaktakidou, K.C., Evaluation of O-alkyl and aryl sulfonyl aromatic and heteroaromatic amidoximes as novel potent DNA photo-cleavers (2016) *Photochemical and Photobiological Sciences*, 15 (3), pp. 351-360. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959311048&doi=10.1039%2fc5pp00439j&partnerID=40&md5=47a7c1aecacaec1fa3309769d88263ea>, DOI: 10.1039/c5pp00439j, DOCUMENT TYPE: Article, SOURCE: Scopus
22. Apostolidou, E., Skendros, P., Kambas, K., Mitroulis, I., Konstantinidis, T., Chrysanthopoulou, A., Nakos, K., Tsironidou, V., Koffa, M., Boumpas, D.T., Ritis, K., Neutrophil extracellular traps regulate IL-1 $\beta$ -mediated inflammation in familial Mediterranean fever, (2016) *Annals of the Rheumatic Diseases*, 75 (1), pp. 269-277. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84954243529&doi=10.1136%2fannrheumdis-2014-205958&partnerID=40&md5=5b9d60b8ac7869f0b69e441a86060481>, DOI: 10.1136/annrheumdis-2014-205958, DOCUMENT TYPE: Article, SOURCE: Scopus
23. Voudouris, C.C., Kati, A.N., Sadikoglou, E., Williamson, M., Skouras, P.J., Dimotsiou, O., Georgiou, S., Fenton, B., Skavdis, G., Margaritopoulos, J.T., Insecticide resistance status of *Myzus persicae* in Greece: Long-term surveys and new diagnostics for resistance mechanisms, (2016) *Pest Management Science*, 72 (4), pp. 671-683. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959222962&doi=10.1002%2fps.4036&partnerID=40&md5=692dd82ce30d7f2f6a28d578871852ba>, DOI: 10.1002/ps.4036, DOCUMENT TYPE: Article, SOURCE: Scopus
24. Stylianopoulou, E., Kalamakis, G., Pitsiani, M., Fysekis, I., Ypsilantis, P., Simopoulos, C., Skavdis, G., Grigoriou, M.E., HSPC280, a winged helix protein expressed in the subventricular zone of the developing ganglionic eminences, inhibits neuronal differentiation, (2016) *Histochemistry and Cell Biology*, 145 (2), pp. 175-184, <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84957847995&doi=10.1007%2fs00418-015-1380-9&partnerID=40&md5=b2aef51e1b1e5fbffc16c83c8343875b>, DOI: 10.1007/s00418-015-1380-9, DOCUMENT TYPE: Article, SOURCE: Scopus
25. Fitsiou, E., Anestopoulos, I., Chlichlia, K., Galanis, A., Kourkoutas, I., Panayiotidis, M.I., Pappa, A., Antioxidant and antiproliferative properties of the essential oils of *Satureja thymbra* and *Satureja parnassica* and their major constituents. (2016) *Anticancer Research*, 36 (11), pp. 5757-5763. <https://www.scopus.com/inward/record.uri?eid=2-s2.0->

- [84994037017&doi=10.21873%2fanticanres.11159&partnerID=40&md5=5e1fb2478e2f7fc271fd9f910779605a](https://doi.org/10.21873/anticanres.11159), DOI: 10.21873/anticanres.11159, DOCUMENT TYPE: Article, SOURCE: Scopus
26. Tiptiri-Kourpeti, A., Spyridopoulou, K., Pappa, A., Chlichlia, K., DNA vaccines to attack cancer: Strategies for improving immunogenicity and efficacy, (2016) *Pharmacology and Therapeutics*, 165, pp. 32-49. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984838249&doi=10.1016%2fj.pharmthera.2016.05.004&partnerID=40&md5=8fb8876f8047c7eb455ac67a9cd86c35>, DOI: 10.1016/j.pharmthera.2016.05.004, DOCUMENT TYPE: Article, SOURCE: Scopus
27. Voulgaridou, G.-P., Kiziridou, M., Mantso, T., Chlichlia, K., Galanis, A., Koukourakis, M.I., Franco, R., Panayiotidis, M.I., Pappa, A., Aldehyde dehydrogenase 3A1 promotes multi-modality resistance and alters gene expression profile in human breast adenocarcinoma MCF-7 cells, (2016) *International Journal of Biochemistry and Cell Biology*, 77, pp. 120-128, <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84975138314&doi=10.1016%2fj.biocel.2016.06.004&partnerID=40&md5=623a55182c72e3214c31ea228b39b892>, DOI: 10.1016/j.biocel.2016.06.004, DOCUMENT TYPE: Article, SOURCE: Scopus
28. Fitsiou, E., Mitropoulou, G., Spyridopoulou, K., Tiptiri-Kourpeti, A., Vamvakias, M., Bardouki, H., Panayiotidis, M.I., Galanis, A., Kourkoutas, Y., Chlichlia, K., Pappa, A., Phytochemical profile and evaluation of the biological activities of essential oils derived from the greek aromatic plant species *Ocimum basilicum*, *Mentha spicata*, *Pimpinella anisum* and *Fortunella margarita*, (2016) *Molecules*, 21 (8), art. no. 1069, <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983284325&doi=10.3390%2fmolecules21081069&partnerID=40&md5=cf73f24fbe440a18fb27102a4f9fc53b>, DOI: 10.3390/molecules21081069, DOCUMENT TYPE: Article, SOURCE: Scopus
29. Saxami, G., Karapetsas, A., Lamprianidou, E., Kotsianidis, I., Chlichlia, A., Tassou, C., Zoumpourlis, V., Galanis, A., Two potential probiotic lactobacillus strains isolated from olive microbiota exhibit adhesion and anti-proliferative effects in cancer cell lines, (2016) *Journal of Functional Foods*, 24, pp. 461-471, <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964923671&doi=10.1016%2fj.jff.2016.04.036&partnerID=40&md5=2a37630a13d4fc072af3794765225edc>, DOI: 10.1016/j.jff.2016.04.036, DOCUMENT TYPE: Article, SOURCE: Scopus
30. Tiptiri-Kourpeti, A., Spyridopoulou, K., Santarmaki, V., Aindelidis, G., Tompoulidou, E., Lamprianidou, E.E., Saxami, G., Ypsilantis, P., Lampri, E.S., Simopoulos, C., Kotsianidis, I., Galanis, A., Kourkoutas, Y., Dimitrellou, D., Chlichlia, K., *Lactobacillus casei* exerts anti-proliferative effects accompanied by apoptotic cell death and up-regulation of TRAIL in colon carcinoma cells, (2016) *PLoS ONE*, 11 (2), art. no. e0147960, <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959180382&doi=10.1371%2fjournal.pone.0147960&partnerID=40&md5=2a3aa459ac0859079581d5eb1dd11927>, DOI: 10.1371/journal.pone.0147960, DOCUMENT TYPE: Article, ACCESS TYPE: Open Access, SOURCE: Scopus
31. Poulatsidou, K.-N., Lagoudaki, R., Touloumi, O., Kesidou, E., Boziki, M., Ravanidis, S., Chlichlia, K., Grigoriou, M., Grigoriadis, N., Immunophenotype of mouse cerebral hemispheres-derived neural precursor cells, (2016) *Neuroscience Letters*, 611, pp. 33-39, <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84947931327&doi=10.1016%2fj.neulet.2015.11.011&partnerID=40&md5=3895e5755e2709b5de79ab89ac27eedb>, DOI: 10.1016/j.neulet.2015.11.011, DOCUMENT TYPE: Article, SOURCE: Scopus
32. Poulatsidou, K.-N., Lagoudaki, R., Touloumi, O., Kesidou, E., Boziki, M., Ravanidis, S., Chlichlia, K., Grigoriou, M., Grigoriadis, N., Immunophenotype of mouse cerebral hemispheres-derived neural precursor cells, (2016) *Epilepsy and Behavior*, 54, pp. 33-39, <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84947914658&doi=10.1016%2fj.neulet.2015.11.011&partnerID=40&md5=97530aef3f6e429ad564f07d07fca453>, DOI: 10.1016/j.neulet.2015.11.011, DOCUMENT TYPE: Article, SOURCE: Scopus
33. Promponas, V.J., Katsani, K.R., Blencowe, B.J., Ouzounis, C.A., Sequence evidence for common ancestry of eukaryotic endomembrane coatomers, (2016) *Scientific Reports*, 6, art. no. 22311, <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960193493&doi=10.1038%2fsrep22311&partnerID=40&md5=60c1a03cd3043961820bd12cb18d9abb>, DOI: 10.1038/srep22311, DOCUMENT TYPE: Article, SOURCE: Scopus
34. Hope, C., Foulcer, S., Jagodinsky, J., Chen, S.X., Jensen, J.L., Patel, S., Leith, C., Maroulakou, I., Callander, N., Miyamoto, S., Hematti, P., Apte, S.S., Asimakopoulos, F., Immunoregulatory roles of versican proteolysis in the myeloma microenvironment, (2016) *Blood*, 128 (5), pp. 680-685, <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84982886901&doi=10.1182%2fblood->

- [2016-03-705780&partnerID=40&md5=5fcf9ad865200de45399af6ad2059d78](https://doi.org/10.1182/blood-2016-03-705780), DOI: 10.1182/blood-2016-03-705780, DOCUMENT TYPE: Article, SOURCE: Scopus
35. Arelaki, S., Arampatzioglou, A., Kambas, K., Papagoras, C., Miltiades, P., Angelidou, I., Mitsios, A., Kotsianidis, I., Skendros, P., Sivridis, E., Maroulakou, I., Giatromanolaki, A., Ritis, K., Gradient infiltration of neutrophil extracellular traps in colon cancer and evidence for their involvement in tumour growth, (2016) PLoS ONE, 11 (5), art. no. e0154484, <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966712960&doi=10.1371%2Fjournal.pone.0154484&partnerID=40&md5=d5cba34d6ac3a68410ec7828958fdb89>, DOI: 10.1371/journal.pone.0154484, DOCUMENT TYPE: Article, ACCESS TYPE: Open Access, SOURCE: Scopus
36. Klein, D.J., Boukouvala, S., McDonagh, E.M., Shuldiner, S.R., Laurieri, N., Thorn, C.F., Altman, R.B., Klein, T.E., PharmGKB summary: Isoniazid pathway, pharmacokinetics, (2016) Pharmacogenetics and Genomics, 26 (9), pp. 436-444. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84982291345&doi=10.1097%2FPC.0000000000000232&partnerID=40&md5=61fc5b775340f2ae9e422b64e409fb4b>, DOI: 10.1097/FPC.0000000000000232, DOCUMENT TYPE: Article, SOURCE: Scopus
37. Kalman, L.V., Agúndez, J.A.G., Appell, M.L., Black, J.L., Bell, G.C., Boukouvala, S., Bruckner, C., Bruford, E., Caudle, K., Coulthard, S.A., Daly, A.K., Del Tredici, A.L., Den Dunnen, J.T., Drozda, K., Everts, R.E., Flockhart, D., Freimuth, R.R., Gaedigk, A., Hachad, H., Hartshorne, T., Ingelman-Sundberg, M., Klein, T.E., Lauschke, V.M., Maglott, D.R., McLeod, H.L., McMillin, G.A., Meyer, U.A., Müller, D.J., Nickerson, D.A., Oetting, W.S., Pacanowski, M., Pratt, V.M., Relling, M.V., Roberts, A., Rubinstein, W.S., Sangkuhl, K., Schwab, M., Scott, S.A., Sim, S.C., Thirumaran, R.K., Toji, L.H., Tyndale, R.F., Van Schaik, R.H.N., Whirl-Carrillo, M., Yeo, K.T.J., Zanger, U.M., Pharmacogenetic Allele Nomenclature: International Workgroup Recommendations for Test Result Reporting, (2016) Clinical Pharmacology and Therapeutics, 99 (2), pp. 172-185. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962394091&doi=10.1002%2Fcpt.280&partnerID=40&md5=0431c77cfee37a78ef6cfd0d04b02e2>, DOI: 10.1002/cpt.280, DOCUMENT TYPE: Article, SOURCE: Scopus
38. Fitsiou, E., Anestopoulos, I., Chlichlia, K., Galanis, A., Kourkoutas, I., Panayiotidis, M.I., Pappa, A., Antioxidant and antiproliferative properties of the essential oils of *Satureja thymbra* and *Satureja parnassica* and their major constituents. (2016) Anticancer Research, 36 (11), pp. 5757-5763. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84994037017&doi=10.21873%2Fanticanres.11159&partnerID=40&md5=5e1fb2478e2f7fc271fd9f910779605a>, DOI: 10.21873/anticanres.11159, DOCUMENT TYPE: Article, SOURCE: Scopus
39. Dimitrellou, D., Kandyliis, P., Petrović, T., Dimitrijević-Branković, S., Lević, S., Nedović, V., Kourkoutas, Y., Survival of spray dried microencapsulated *Lactobacillus casei* ATCC 393 in simulated gastrointestinal conditions and fermented milk, (2016) LWT - Food Science and Technology, 71, pp. 169-174. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962069497&doi=10.1016%2Fj.lwt.2016.03.007&partnerID=40&md5=cce9d133be737437ec21055fc1c88ec8>, DOI: 10.1016/j.lwt.2016.03.007, DOCUMENT TYPE: Article, SOURCE: Scopus
40. Fitsiou, E., Mitropoulou, G., Spyridopoulou, K., Tiptiri-Kourpeti, A., Vamvakias, M., Bardouki, H., Panayiotidis, M.I., Galanis, A., Kourkoutas, Y., Chlichlia, K., Pappa, A., Phytochemical profile and evaluation of the biological activities of essential oils derived from the greek aromatic plant species *Ocimum basilicum*, *Mentha spicata*, *Pimpinella anisum* and *Fortunella margarita*, (2016) Molecules, 21 (8), art. no. 1069, <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983284325&doi=10.3390%2Fmolecules21081069&partnerID=40&md5=cf73f24fbe440a18fb27102a4f9fc53b>, DOI: 10.3390/molecules21081069, DOCUMENT TYPE: Article, SOURCE: Scopus
41. Sidira, M., Kandyliis, P., Kanellaki, M., Kourkoutas, Y., Effect of curing salts and probiotic cultures on the evolution of flavor compounds in dry-fermented sausages during ripening, (2016) Food Chemistry, 201, pp. 334-338. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961368577&doi=10.1016%2Fj.foodchem.2016.01.084&partnerID=40&md5=85c79a30aada7d3ada2026e7b6a46d2b>, DOI: 10.1016/j.foodchem.2016.01.084, DOCUMENT TYPE: Article, SOURCE: Scopus
42. Dimitrellou, D., Kandyliis, P., Kourkoutas, Y., Effect of cooling rate, freeze-drying, and storage on survival of free and immobilized *Lactobacillus casei* ATCC 393, (2016) LWT - Food Science and Technology, 69, pp. 468-473. <https://www.scopus.com/inward/record.uri?eid=2-s2.0->

- [84959918129&doi=10.1016%2Fj.lwt.2016.01.063&partnerID=40&md5=79b18a19757af619251cf7898f262196](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959918129&doi=10.1016%2Fj.lwt.2016.01.063&partnerID=40&md5=79b18a19757af619251cf7898f262196), DOI: 10.1016/j.lwt.2016.01.063, DOCUMENT TYPE: Article, SOURCE: Scopus
43. Saxami, G., Papadopoulou, O.S., Chorianopoulos, N., Kourkoutas, Y., Tassou, C.C., Galanis, A., Molecular detection of two potential probiotic lactobacilli strains and evaluation of their performance as starter adjuncts in yogurt production, (2016) International Journal of Molecular Sciences, 17 (5), art. no. 668, <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84965006920&doi=10.3390%2Fijms17050668&partnerID=40&md5=968cdcea534d8d99e4105e82be853875>, DOI: 10.3390/ijms17050668, DOCUMENT TYPE: Article, SOURCE: Scopus
44. Tiptiri-Kourpeti, A., Spyridopoulou, K., Santarmaki, V., Aindelis, G., Tompoulidou, E., Lamprianidou, E.E., Saxami, G., Ypsilantis, P., Lampri, E.S., Simopoulos, C., Kotsianidis, I., Galanis, A., Kourkoutas, Y., Dimitrellou, D., Chlichlia, K., Lactobacillus casei exerts anti-proliferative effects accompanied by apoptotic cell death and up-regulation of TRAIL in colon carcinoma cells, (2016) PLoS ONE, 11 (2), art. no. e0147960, <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959180382&doi=10.1371%2Fjournal.pone.0147960&partnerID=40&md5=2a3aa459ac0859079581d5eb1dd11927>, DOI: 10.1371/journal.pone.0147960, DOCUMENT TYPE: Article, ACCESS TYPE: Open Access, SOURCE: Scopus
45. Nikolaou, A., Varzakas, T., Kourkoutas, Y., Effect of organic fertilization treatment, frying oil and cultivar variety on the volatile profile of potato tubers, (2016) Current Research in Nutrition and Food Science, 4 (1), pp. 1-8. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016014538&doi=10.12944%2FCRNFSJ.4.1.01&partnerID=40&md5=d36192759c7c90d2100845a54048a9b3>, DOI: 10.12944/CRNFSJ.4.1.01, DOCUMENT TYPE: Article, SOURCE: Scopus
46. Kourkoutas, Y., Chorianopoulos, N., Karatzas, K.A.G., Banat, I.M., Bioactive Natural Products 2016, (2016) BioMed Research International, 2016, art. no. 9749305, <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84991570881&doi=10.1155%2F2016%2F9749305&partnerID=40&md5=ee26a7f2d43e043884c005f600d4eb4d>, DOI: 10.1155/2016/9749305, DOCUMENT TYPE: Editorial, ACCESS TYPE: Open Access, SOURCE: Scopus
47. Kourkoutas, Y., Chorianopoulos, N., Nisiotou, A., Valdramidis, V.P., Karatzas, K.A.G., Application of Innovative Technologies for Improved Food Quality and Safety, (2016) BioMed Research International, 2016, art. no. 9160375, <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84955564387&doi=10.1155%2F2016%2F9160375&partnerID=40&md5=453aecc90709ae329292f5000853bd0a>, DOI: 10.1155/2016/9160375, DOCUMENT TYPE: Editorial, ACCESS TYPE: Open Access, SOURCE: Scopus
48. Stylianopoulou, E., Kalamakis, G., Pitsiani, M., Fysekis, I., Ypsilantis, P., Simopoulos, C., Skavdis, G., Grigoriou, M.E., HSPC280, a winged helix protein expressed in the subventricular zone of the developing ganglionic eminences, inhibits neuronal differentiation, (2016) Histochemistry and Cell Biology, 145 (2), pp. 175-184, <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84957847995&doi=10.1007%2Fs00418-015-1380-9&partnerID=40&md5=b2aef51e1b1e5fbffc16c83c8343875b>, DOI: 10.1007/s00418-015-1380-9, DOCUMENT TYPE: Article, SOURCE: Scopus
49. Poulatsidou, K.-N., Lagoudaki, R., Touloumi, O., Kesidou, E., Boziki, M., Ravanidis, S., Chlichlia, K., Grigoriou, M., Grigoriadis, N., Immunophenotype of mouse cerebral hemispheres-derived neural precursor cells, (2016) Epilepsy and Behavior, 54, pp. 33-39, <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84947914658&doi=10.1016%2Fj.neulet.2015.11.011&partnerID=40&md5=97530aef3f6e429ad564f07d07fca453>, DOI: 10.1016/j.neulet.2015.11.011, DOCUMENT TYPE: Article, SOURCE: Scopus
50. Mantso, T., Sfakianos, A.P., Atkinson, A., Anestopoulos, I., Mitsiogianni, M., Botaitis, S., Perente, S., Simopoulos, C., Vasileiadis, S., Franco, R., Pappa, A., Panayiotidis, M.I., Development of a novel experimental in vitro model of isothiocyanate-induced apoptosis in human malignant melanoma cells, (2016) Anticancer Research, 36 (12), pp. 6303-6309. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85002342257&doi=10.21873%2Fanticanres.11226&partnerID=40&md5=69f165403c47bd5e48cd17295310ac06>, DOI: 10.21873/anticancerres.11226, DOCUMENT TYPE: Article, SOURCE: Scopus
51. Fitsiou, E., Anestopoulos, I., Chlichlia, K., Galanis, A., Kourkoutas, I., Panayiotidis, M.I., Pappa, A., Antioxidant and antiproliferative properties of the essential oils of Satureja thymbra and Satureja parnassica and their major constituents. (2016) Anticancer Research, 36 (11), pp. 5757-5763. <https://www.scopus.com/inward/record.uri?eid=2-s2.0->

- [84994037017&doi=10.21873%2fanticanres.11159&partnerID=40&md5=5e1fb2478e2f7fc271fd9f910779605a](https://doi.org/10.21873/anticancerres.11159), DOI: 10.21873/anticancerres.11159, DOCUMENT TYPE: Article, SOURCE: Scopus
52. Tiptiri-Kourpeti, A., Spyridopoulou, K., Pappa, A., Chlichlia, K., DNA vaccines to attack cancer: Strategies for improving immunogenicity and efficacy, (2016) *Pharmacology and Therapeutics*, 165, pp. 32-49. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984838249&doi=10.1016%2fj.pharmthera.2016.05.004&partnerID=40&md5=8fb8876f8047c7eb455ac67a9cd86c35>, DOI: 10.1016/j.pharmthera.2016.05.004, DOCUMENT TYPE: Article, SOURCE: Scopus
53. Voulgaridou, G.-P., Kiziridou, M., Mantso, T., Chlichlia, K., Galanis, A., Koukourakis, M.I., Franco, R., Panayiotidis, M.I., Pappa, A., Aldehyde dehydrogenase 3A1 promotes multi-modality resistance and alters gene expression profile in human breast adenocarcinoma MCF-7 cells,(2016) *International Journal of Biochemistry and Cell Biology*, 77, pp. 120-128, <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84975138314&doi=10.1016%2fj.biocel.2016.06.004&partnerID=40&md5=623a55182c72e3214c31ea228b39b892>, DOI: 10.1016/j.biocel.2016.06.004, DOCUMENT TYPE: Article, SOURCE: Scopus
54. Fitsiou, E., Mitropoulou, G., Spyridopoulou, K., Tiptiri-Kourpeti, A., Vamvakias, M., Bardouki, H., Panayiotidis, M.I., Galanis, A., Kourkoutas, Y., Chlichlia, K., Pappa, A., Phytochemical profile and evaluation of the biological activities of essential oils derived from the greek aromatic plant species *Ocimum basilicum*, *Mentha spicata*, *Pimpinella anisum* and *Fortunella margarita*, (2016) *Molecules*, 21 (8), art. no. 1069, <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983284325&doi=10.3390%2fmolecules21081069&partnerID=40&md5=cf73f24fbe440a18fb27102a4f9fc53b>, DOI: 10.3390/molecules21081069, DOCUMENT TYPE: Article, SOURCE: Scopus
55. Mantso, T., Goussetis, G., Franco, R., Botaitis, S., Pappa, A., Panayiotidis, M., Effects of hyperthermia as a mitigation strategy in DNA damage-based cancer therapies, (2016) *Seminars in Cancer Biology*, 37-38, pp. 96-105. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962361070&doi=10.1016%2fj.semncancer.2016.03.004&partnerID=40&md5=7a007b89886fa0277fdefed8f121adeb>, DOI: 10.1016/j.semncancer.2016.03.004, DOCUMENT TYPE: Review, SOURCE: Scopus
56. Fitsiou, E., Anestopoulos, I., Chlichlia, K., Galanis, A., Kourkoutas, I., Panayiotidis, M.I., Pappa, A., Antioxidant and antiproliferative properties of the essential oils of *Satureja thymbra* and *Satureja parnassica* and their major constituents. (2016) *Anticancer Research*, 36 (11), pp. 5757-5763. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84994037017&doi=10.21873%2fanticanres.11159&partnerID=40&md5=5e1fb2478e2f7fc271fd9f910779605a>, DOI: 10.21873/anticancerres.11159, DOCUMENT TYPE: Article, SOURCE: Scopus
57. Voulgaridou, G.-P., Kiziridou, M., Mantso, T., Chlichlia, K., Galanis, A., Koukourakis, M.I., Franco, R., Panayiotidis, M.I., Pappa, A., Aldehyde dehydrogenase 3A1 promotes multi-modality resistance and alters gene expression profile in human breast adenocarcinoma MCF-7 cells,(2016) *International Journal of Biochemistry and Cell Biology*, 77, pp. 120-128, <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84975138314&doi=10.1016%2fj.biocel.2016.06.004&partnerID=40&md5=623a55182c72e3214c31ea228b39b892>, DOI: 10.1016/j.biocel.2016.06.004, DOCUMENT TYPE: Article, SOURCE: Scopus
58. Fitsiou, E., Mitropoulou, G., Spyridopoulou, K., Tiptiri-Kourpeti, A., Vamvakias, M., Bardouki, H., Panayiotidis, M.I., Galanis, A., Kourkoutas, Y., Chlichlia, K., Pappa, A., Phytochemical profile and evaluation of the biological activities of essential oils derived from the greek aromatic plant species *Ocimum basilicum*, *Mentha spicata*, *Pimpinella anisum* and *Fortunella margarita*, (2016) *Molecules*, 21 (8), art. no. 1069, <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983284325&doi=10.3390%2fmolecules21081069&partnerID=40&md5=cf73f24fbe440a18fb27102a4f9fc53b>, DOI: 10.3390/molecules21081069, DOCUMENT TYPE: Article, SOURCE: Scopus
59. Saxami, G., Karapetsas, A., Lamprianidou, E., Kotsianidis, I., Chlichlia, A., Tassou, C., Zoumpourlis, V., Galanis, A., Two potential probiotic lactobacillus strains isolated from olive microbiota exhibit adhesion and anti-proliferative effects in cancer cell lines, (2016) *Journal of Functional Foods*, 24, pp. 461-471, <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964923671&doi=10.1016%2fj.jff.2016.04.036&partnerID=40&md5=2a37630a13d4fc072af3794765225edc>, DOI: 10.1016/j.jff.2016.04.036, DOCUMENT TYPE: Article, SOURCE: Scopus
60. Saxami, G., Papadopoulou, O.S., Choriantopoulos, N., Kourkoutas, Y., Tassou, C.C., Galanis, A., Molecular detection of two potential probiotic lactobacilli strains and evaluation of their performance as starter adjuncts in yogurt production, (2016) *International Journal of Molecular*

- Sciences, 17 (5), art. no. 668, <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84965006920&doi=10.3390%2fijms17050668&partnerID=40&md5=968cdcea534d8d99e4105e82be853875>, DOI: 10.3390/ijms17050668, DOCUMENT TYPE: Article, SOURCE: Scopus
61. Tiptiri-Kourpeti, A., Spyridopoulou, K., Santarmaki, V., Aindelidis, G., Tompoulidou, E., Lamprianidou, E.E., Saxami, G., Ypsilantis, P., Lampri, E.S., Simopoulos, C., Kotsianidis, I., Galanis, A., Kourkoutas, Y., Dimitrellou, D., Chlichlia, K., *Lactobacillus casei* exerts anti-proliferative effects accompanied by apoptotic cell death and up-regulation of TRAIL in colon carcinoma cells, (2016) *PLoS ONE*, 11 (2), art. no. e0147960, <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959180382&doi=10.1371%2fjournal.pone.0147960&partnerID=40&md5=2a3aa459ac0859079581d5eb1dd11927>, DOI: 10.1371/journal.pone.0147960, DOCUMENT TYPE: Article, ACCESS TYPE: Open Access, SOURCE: Scopus
62. Stefanis, C., Mantzourani, I., Plessas, S., Alexopoulos, A., Galanis, A., Bezirtzoglou, E., Kandyli, P., Varzakas, T., Reviewing classical and molecular techniques regarding profiling of probiotic character of microorganisms, (2016) *Current Research in Nutrition and Food Science*, 4 (1), pp. 27-47. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008939657&doi=10.12944%2fCRNFSJ.4.1.05&partnerID=40&md5=920758cbf637af84597eba25c3d638f7>, DOI: 10.12944/CRNFSJ.4.1.05, DOCUMENT TYPE: Article, SOURCE: Scopus
63. Kornilios, P., Thanou, E., Kapli, P., Parmakelis, A., Chatzaki, M., Peeking through the trapdoor: Historical biogeography of the Aegean endemic spider *Cyrtocarenum Ausserer*, 1871 with an estimation of mtDNA substitution rates for Mygalomorphae, (2016) *Molecular Phylogenetics and Evolution*, 98, pp. 300-313. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959455454&doi=10.1016%2fj.ympev.2016.01.021&partnerID=40&md5=08092ad718c4f7fc00b1cd3e68e4e981>, DOI: 10.1016/j.ympev.2016.01.021, DOCUMENT TYPE: Article, SOURCE: Scopus
64. Horta, C.C.R., Chatzaki, M., Rezende, B.A., De Freitas Magalhães, B., Duarte, C.G., Felicori, L.F., Oliveira-Mendes, B.B.R., Do Carmo, A.O., Chávez-Olórtegui, C., Kalapothakis, E., Cardiovascular-active venom toxins: An overview, (2016) *Current Medicinal Chemistry*, 23 (6), pp. 603-622. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962307695&doi=10.2174%2f0929867323666160126142837&partnerID=40&md5=790cf3ae8509c75a081d6df0b22b10cb>, DOI: 10.2174/0929867323666160126142837, DOCUMENT TYPE: Article, SOURCE: Scopus
65. Komnenov, M., Pitta, E., Zografou, K., Chatzaki, M., Discovering the still unexplored arachnafauna of the National Park of Dadia-Lef-kimi-Soufli, NE Greece: A taxonomic review with description of new species, (2016) *Zootaxa*, 4096 (1), pp. 1-66. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962062637&doi=10.11646%2fzootaxa.4096.1.1&partnerID=40&md5=f267e1dad222237065262625bcd36dd>, DOI: 10.11646/zootaxa.4096.1.1, DOCUMENT TYPE: Review, SOURCE: Scopus
66. Lissner, J., Chatzaki, M., Description of a new *Altella* Simon, 1884 (Araneae: Dictynidae) from Greece, (2016) *Arachnology*, 17 (1), pp. 39-42. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84978973686&doi=10.13156%2farac.2006.17.1.39&partnerID=40&md5=13b75e48bf150cacf875445ab444a55c>, DOI: 10.13156/arac.2006.17.1.39, DOCUMENT TYPE: Article, SOURCE: Scopus
67. Lissner, J., Chatzaki, M., A new species of berinda (Araneae, Gnaphosidae) from the eastern Aegean Islands, Greece [Zusammenfassung. Eine neue Art der Gattung Berinda (Araneae, Gnaphosidae) von den östlichen Ägäischen Inseln, Griechenland], (2016) *Arachnologische Mitteilungen*, 2016 (51), pp. 9-11. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84955289209&doi=10.5431%2faramit5102&partnerID=40&md5=582f6e3249f4e1aef4eb3de928a3d9a4>, DOI: 10.5431/aramit5102, DOCUMENT TYPE: Article, SOURCE: Scopus
68. Brown, S., Peristeras, L.D., Martynov, S., Porter, R.T.J., Mahgerefteh, H., Nikolaidis, I.K., Boulougouris, G.C., Tsangaris, D.M., Economou, I.G., Thermodynamic interpolation for the simulation of two-phase flow of non-ideal mixtures, (2016) *Computers and Chemical Engineering*, 95, pp. 49-57. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84987956592&doi=10.1016%2fj.compchemeng.2016.09.005&partnerID=40&md5=cd1305692f0c43fd69509ffa26fe4234>, DOI: 10.1016/j.compchemeng.2016.09.005, DOCUMENT TYPE: Article, SOURCE: Scopus
69. Porter, R.T.J., Mahgerefteh, H., Brown, S., Martynov, S., Collard, A., Woolley, R.M., Fairweather, M., Falle, S.A.E.G., Wareing, C.J., Nikolaidis, I.K., Boulougouris, G.C., Peristeras, L.D., Tsangaris, D.M., Economou, I.G., Salvador, C., Zanganeh, K., Wigston, A., Najafali, J.N., Shafeen, A.,

- Beigzadeh, A., Farret, R., Gombert, P., Hebrard, J., Proust, C., Ceroni, A., Flauw, Y., Zhang, Y., Chen, S., Yu, J., Talemi, R.H., Bensabat, J., Wolf, J.L., Rebscher, D., Niemi, A., Jung, B., Dowell, N.M., Shah, N., Kolster, C., Mechleri, E., Krevor, S., Techno-economic assessment of CO<sub>2</sub> quality effect on its storage and transport: CO<sub>2</sub>QUEST: An overview of aims, objectives and main findings, (2016) International Journal of Greenhouse Gas Control, 54, pp. 662-681. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84994877250&doi=10.1016%2fj.ijggc.2016.08.011&partnerID=40&md5=52041c2dddb3a6954ade1ac8c18bdffd>, DOI: 10.1016/j.ijggc.2016.08.011, DOCUMENT TYPE: Article, SOURCE: Scopus
70. Nikolaidis, I.K., Boulougouris, G.C., Peristeras, L.D., Economou, I.G., Equation-of-State Modeling of Solid-Liquid-Gas Equilibrium of CO<sub>2</sub> Binary Mixtures, (2016) Industrial and Engineering Chemistry Research, 55 (21), pp. 6213-6226. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84973521556&doi=10.1021%2fac.15064&partnerID=40&md5=92049b700c0f5a25792ed58028cc8cb0>, DOI: 10.1021/acs.iecr.6b00669, DOCUMENT TYPE: Article, SOURCE: Scopus,
71. Nikolaidis, I.K., Economou, I.G., Boulougouris, G.C., Peristeras, L.D., Calculation of the phase envelope of multicomponent mixtures with the bead spring method, (2016) AIChE Journal, 62 (3), pp. 868-879. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959492847&doi=10.1002%2faic.15064&partnerID=40&md5=9263743ff0ac165c70a530abed05de49>, DOI: 10.1002/aic.15064, DOCUMENT TYPE: Article, SOURCE: Scopus