

## PERSONAL DATA

**First and Last name:** George Z. Kyzas  
**Home address:** Petrou Syndika 16, Thessaloniki 546 45, Greece  
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## EDUCATION

Ph.D. in Chemical Technology, Department of Chemistry, Aristotle University of Thessaloniki, Greece.  
M.Sc. in Industrial Chemistry, Department of Chemistry, Aristotle University of Thessaloniki, Greece.  
B.Sc. in Chemistry, Department of Chemistry, Aristotle University of Thessaloniki, Greece.

## LANGUAGES

**Native:** Greek  
**English:** Excellent (Level C2)  
**Italian:** Very Good (Level C1)  
**French:** Good (Level B2)

## TEACHING

**2009 – present** Adjunct Lecturer at Technological Educational Institute of Kavala, Greece (Department of Oenology and Beverage Technology) for courses:  
(i) Physics  
(ii) Physical Processes  
(iii) Legislation of Wines and Drinks  
(iv) Wastewater Management  
(v) General Inorganic Chemistry  
(vi) Quantitative Chemical Analysis  
(vii) Physical Chemistry I  
(viii) Physical Chemistry II

**2012 – 2014** External Collaborator at InterBalcan Institute of Public Administration (I.I.P.A.) for courses in educational projects:  
(i) Management of natural resources for prevention/treatment of natural disasters (INTERREG III – GeoPromotion)  
(ii) Medical Wastes Management

**2006 – 2009** Teaching personnel at Aristotle University of Thessaloniki, Greece (Department of Chemistry) for lab courses:  
(i) Introduction to Chemical Technology  
(ii) Physical Processes

## RESEARCH

**2015** Use of chitosan and its derivatives for drug nanoencapsulation and their application in

	ophthalmic formulations
<b>2014 - 2015</b>	Advanced microextraction approaches based on novel nano- polymers to measure pharmaceuticals, personal care products and their transformation products in the aquatic environment
<b>2013 - 2015</b>	Advanced Molecularly Imprinted Polymers (MIPs) as materials for the selective binding and recovery of various high-added value environmental targets with application to industrial-scale adsorption columns
<b>2013</b>	Synthesis, characterization and application of novel polymeric biosorbents for the environmental-friendly removal of various pollutants from industrial effluents
<b>2013 - 2014</b>	Implementation of monitoring programme of biotic and abiotic parameters and support of self supervision to the Lake Koronia Volvi
<b>2012 – 2013</b>	Nanocapillary© (Thalis)
<b>2011 – 2013</b>	Preparation and characterization of plastic pipes with enhanced performance and thermal conductivity for geothermal applications of heating and cooling by using conductive nanoparticles (Synergasia)
<b>2006 – 2008</b>	Dyes removal from aqueous solutions by sorption onto molecularly imprinted polymers (MIPs) (Greek-German Bilateral Cooperation)
<b>2005 – 2006</b>	Pollutants removal from aqueous solutions with super-adsorbents materials (Pythagoras II)
<b>2004 – 2005</b>	Application of novel processes in the treatment of liquid textile industrial effluents (Pythagoras I)

## AWARDS & HONORS

- Excellence honor as the best Ph.D. student of 2009 at the Department of Chemistry of A.U.Th. – Full Annual Fellowship (*Research Committee of A.U.Th., Greece*).
- Excellence honor as the best PostDoc Researcher of 2013 at the Department of Chemistry of A.U.Th. – Full Annual Fellowship (*Research Committee of A.U.Th., Greece*).
- IKY Fellowships of Excellence for PostDoc studies in Greece – Siemens Program (*IKY – State Scholarships Foundation of Greece*).
- Publication A04 was awarded with TOP25 Certification from Elsevier-ScienceDirect as the 18<sup>th</sup> most downloaded article of the *Chemical Engineering Journal* in period of April-June 2009
- Publication A13 was awarded with TOP25 Certification from Elsevier-ScienceDirect as the 22<sup>nd</sup> most downloaded article of the *Carbohydrate Polymers* journal in period of October-December 2012.
- Publication A13 was awarded with TOP25 Certification from Elsevier-ScienceDirect as the 25<sup>th</sup> most downloaded article of the *Carbohydrate Polymers* journal in period of January-March 2013.

## MEMEBRSHIPS

- American Chemical Society (A.C.S.)
- Society for Molecular Imprinting (S.M.I.)
- Society of the Greek Chemists (E.E.X.)
- Association of Chemists of North Greece (Σ.X.B.E.)
- Society of Petroleum engineers (S.P.E.)

## SCIENTIFIC AREAS – EXPERTISE

<i>Main field:</i>	Chemical Technology – Materials synthesis
<i>Sub-fields:</i>	Removal of pollutants from wastewaters Synthesis of adsorbents – Polymeric Chemistry Characterization techniques Adsorption and Transportation Phenomena (Simulation - Modeling)

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**PUBLICATIONS IN JOURNALS (PEER-REVIEW) [over 1200 Citations; h-index: 22; g-index 34]**

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- A64. S.N. Nandeshwar, A.S. Mahakalakar, R.R. Gupta, G.Z. Kyzas\*, "Green activated carbons from different waste materials for the removal of iron from real wastewater samples of Nag River, India", *Journal of Molecular Liquids* (2016) *in press* (doi: 10.1016/j.molliq.2015.12.065).
- A63. G.Z. Kyzas\*, M.P. Symeonidou, K.A. Matis, "Technologies of winery wastewater treatment: A critical approach", *Desalination and Water Treatment* 57 (2016) 3372-3386 (doi: 10.1080/19443994.2014.986535).
- A62. S. Liu, Y. Luo, J. Fu\*, J. Zhou, G.Z. Kyzas\*, "Molecular docking and 3D-QSAR studies on the glucocorticoid receptor antagonistic activity of hydroxylated polychlorinated biphenyls", *SAR and QSAR in Environmental Research xxx* (2016) xxx-xxx, *in press* (doi: 10.1080/1062936X.2015.1134653).
- A61. G.Z. Kyzas, K.A. Matis\*, "Methods of arsenic wastes recycling: Focus on flotation", *Journal of Molecular Liquids* 214 (2016) 37-45 (doi: 10.1016/j.molliq.2015.11.028).
- A60. G.Z. Kyzas, E.A. Deliyanni\*, K.A. Matis, "Activated carbons produced by pyrolysis of waste potato peels: Cobalt ions removal by adsorption", *Colloids and Surfaces A: Physicochemical and Engineering Aspects* 490 (2016) 74-83 (doi: 10.1016/j.colsurfa.2015.11.038).
- A59. D.A. Giannakoudakis, G.Z. Kyzas, A. Avranas, N.K. Lazaridis\*, "Multi-parametric adsorption effects of the reactive dye removal with commercial activated carbons", *Journal of Molecular Liquids* 213 (2016) 381-389 (doi: 10.1016/j.molliq.2015.07.010).
- A58. G.Z. Kyzas\*, D.N. Bikiaris, "Characterization of binding properties of silver ion-imprinted polymers with equilibrium and kinetic models", *Journal of Molecular Liquids* 212 (2015) 133-141 (doi: 10.1016/j.molliq.2015.09.018).
- A57. G.Z. Kyzas, E.A. Deliyanni, K.A. Matis\*, "Recent research activities related to flotation process", *Trends in Green Chemistry* 1 (2015) Article ID 4 (<http://green-chemistry.imedpub.com/archive.php>).
- A56. G.Z. Kyzas, A. Koltsakidou, S.G. Nanaki, D.N. Bikiaris, D.A. Lambropoulou\*, "Removal of beta-blockers from aqueous media by adsorption onto graphene oxide", *Science of the Total Environment* 537 (2015) 411-420 (doi: 10.1016/j.scitotenv.2015.07.144).
- A55. G.Z. Kyzas, Z. Terzopoulou, V. Nikolaidis, E. Alexopoulou, D.N. Bikiaris\*, "Low-cost hemp biomaterials for nickel ions removal from aqueous solutions", *Journal of Molecular Liquids* 209 (2015) 209-218 (doi: 10.1016/j.molliq.2015.05.060).
- A54. G.Z. Kyzas, M. Kostoglou\*, "Swelling-adsorption interactions during mercury and nickel ions removal by chitosan", *Separation and Purification Technology* 149 (2015) 92-102 (doi: 10.1016/j.seppur.2015.05.024).
- A53. G.Z. Kyzas\*, J. Fu, N.K. Lazaridis, D.N. Bikiaris, K.A. Matis, "New approaches on the removal of pharmaceuticals from wastewaters with adsorbent materials", *Journal of Molecular Liquids* 209 (2015) 87-93 (doi: 10.1016/j.molliq.2015.05.025).
- A52. S. Liu, J. Liu, J. Zhao, D. Xia, F. Pan\*, C. Liu, G.Z. Kyzas, J. Fu\*, "Palygorskite changes heavy metal bioavailability and microbial functional diversity in sewage sludge composting", *Environmental Technology* 36 (2015) 2855-2862 (doi: 10.1080/09593330.2015.1050071).
- A51. I. Anastopoulos, G.Z. Kyzas\*, "Progress in batch biosorption of heavy metals onto algae", *Journal of*

*Molecular Liquids* 209 (2015) 77-86 (doi: 10.1016/j.molliq.2015.05.023).

- A50. Z. Terzopoulou, G.Z. Kyzas, D.N. Bikiaris\*, "Recent advances in nanocomposite materials of graphene derivatives with polysaccharides", *Materials* 8 (2015) 652-683 (doi: 10.3390/ma8020652).
- A49. I. Anastopoulos, G.Z. Kyzas\*, "Composts as biosorbents for decontamination of various pollutants: A review", *Water, Air & Soil Pollution* 226 (2015) Article ID 61 (doi: 10.1007/s11270-015-2345-2).
- A48. S.G. Nanaki, G.Z. Kyzas, A. Tzereme, M. Papageorgiou, M. Kostoglou, D.N. Bikiaris, D.A. Lambropoulou\*, "Synthesis and characterization of modified carrageenan microparticles for the removal of pharmaceuticals from aqueous solutions", *Colloids and Surfaces B: Biointerfaces* 127 (2015) 256-265 (doi: 10.1016/j.colsurfb.2015.01.053).
- A47. G.Z. Kyzas, S.G. Nanaki, M. Kechagia, A. Koltsakidou, M. Papageorgiou, D.N. Bikiaris, D.A. Lambropoulou\*, "Effectively designed molecularly imprinted polymers for selective isolation of the antidiabetic drug metformin and its transformation product guanyurea from aqueous media", *Analytica Chimica Acta* 866 (2015) 27-40 (doi: 10.1016/j.aca.2015.01.045).
- A46. G.Z. Kyzas\*, K.A. Matis, "Nanoadsorbents for pollutants removal: A review", *Journal of Molecular Liquids* 203 (2015) 159-168 (doi: 10.1016/j.molliq.2015.01.004).
- A45. Q. Wang, J. Fu\*, G.Z. Kyzas, S.M.R. Billah, S. An\*, "Synthesis, characterization, and catalytic evaluation of Co<sub>3</sub>O<sub>4</sub>/γ-Al<sub>2</sub>O<sub>3</sub> as methane combustion catalysts: Significance of Co species and the redox cycle", *Applied Catalysis B: Environmental* 168-169 (2015) 42-50 (doi: 10.1016/j.apcatb.2014.12.016).
- A44. G.Z. Kyzas, P.I. Siafaka, D.N. Bikiaris\*, E.N. Koukaras, G.E. Froudakis, "Alternative use of cross-linked polyallylamine (known as Sevelamer pharmaceutical compound) as biosorbent", *Journal of Colloid and Interface Science* 442 (2015) 49-59 (doi: 10.1016/j.jcis.2014.11.036).
- A43. G.Z. Kyzas\*, D.N. Bikiaris, "Recent modifications of chitosan for adsorption applications: A critical and systematic review", *Marine Drugs* 13 (2015) 312-337 (doi: 10.3390/md13010312).
- A42. E.A. Deliyanni, G.Z. Kyzas, K.S. Triantafyllidis, K.A. Matis\*, "Activated carbons for heavy metal ions removal: A systematic review of recent literature focused on lead and arsenic ions", *Open Chemistry* 13 (2015) 699-708 (doi: 10.1515/chem-2015-0087).
- A41. G.Z. Kyzas\*, E.A. Deliyanni, "Modified activated carbons from potato peels as green environmental-friendly adsorbents for the treatment of pharmaceutical effluents", *Chemical Engineering Research and Design* 97 (2015) 135-144 (doi: 10.1016/j.cherd.2014.08.020).
- A40. G.Z. Kyzas, P.I. Siafaka, E.G. Pavlidou, K.J. Chryssafis, D.N. Bikiaris\*, "Synthesis and adsorption application of succinyl-grafted chitosan for the simultaneous removal of zinc and cationic dye from binary hazardous mixtures", *Chemical Engineering Journal* 259 (2015) 438-448 (doi: 10.1016/j.cej.2014.08.019).
- A39. G.Z. Kyzas\*, S. Azizian, M. Kostoglou "Novel approaches in designing natural/synthetic materials for environmental application", *Advances in Materials Science and Engineering 2015* (2015) Article ID 820854 (doi: 10.1155/2015/820854).
- A38. I. Anastopoulos, G.Z. Kyzas\*, "Agricultural peels for dye adsorption: A review of recent literature", *Journal of Molecular Liquids* 200 (2014) 277-285 (doi: 10.1016/j.molliq.2014.11.006).
- A37. G.Z. Kyzas, E.A. Deliyanni\*, N.K. Lazaridis\*, "Magnetic modification of microporous carbon for dye adsorption", *Journal of Colloid and Interface Science* 430 (2014) 166-173 (doi: 10.1016/j.jcis.2014.05.049).
- A36. G.Z. Kyzas\*, J. Fu\*, K.A. Matis, "New biosorbent materials: Selectivity and bioengineering insights", *Processes* 2 (2014) 419-440 (doi: 10.3390/pr2020419).
- A35. G.Z. Kyzas\*, D.N. Bikiaris, E.A. Deliyanni, "Advanced low-swelling chitosan/graphite oxide-based biosorbents", *Materials Letters* 128 (2014) 46-49 (doi: 10.1016/j.matlet.2014.04.129).
- A34. G.Z. Kyzas, N.K. Lazaridis, M. Kostoglou\*, "Adsorption/Desorption of a dye by a chitosan derivative:

- Experiments and phenomenological modeling”, *Chemical Engineering Journal* 248 (2014) 327-336 (doi: 10.1016/j.cej.2014.03.063).
- A33. G.Z. Kyzas\*, D.N. Bikiaris “Molecular imprinting for high-added value metals: An overview of recent environmental applications”, *Advances in Materials Science and Engineering 2014* (2014) Article ID 932637 (doi: 10.1155/2014/932637).
- A32. G.Z. Kyzas, K.A. Matis\*, “Flotation of biological materials”, *Processes* 2 (2014) 293-310 (doi: 10.3390/pr2010293).
- A31. J. Fu, C. Zhao, Y. Luo, C. Liu\*, G.Z. Kyzas, Y. Luo, D. Zhao, S. An, H. Zhu\*, “Heavy metals in surface sediments of the Jialu River, China: Their relations to environmental factors”, *Journal of Hazardous Materials* 270 (2014) 102-109 (doi: 10.1016/j.jhazmat.2014.01.044).
- A30. G.Z. Kyzas\*, M. Kostoglou, “Green adsorbents for wastewaters: A critical review”, *Materials* 7 (2014) 333-364 (doi: 10.3390/ma7010333).
- A29. G.Z. Kyzas\*, D.N. Bikiaris, M. Seredych, T.J. Bandosz, E.A. Deliyanni\*, “Removal of dorzolamide from biomedical wastewaters with adsorption onto graphite oxide/poly(acrylic acid) grafted chitosan nanocomposite”, *Bioresource Technology* 152 (2014) 399-406 (doi: 10.1016/j.biortech.2013.11.046).
- A28. G.Z. Kyzas, E.A. Deliyanni\*, S.I. Bele, K.A. Matis, “Nano-adsorbent for arsenates: iron oxyhydroxide impregnated microporous activated carbon”, *Current Environmental Engineering* 1 (2014) 1-8 (doi: 10.2174/2212717801666140307002141).
- A27. J. Fu, G.Z. Kyzas\*, “Wet air oxidation for decolorization of dyeing wastewaters: An overview of the last two decades”, *Chinese Journal of Catalysis* 35 (2014) 1-7 (doi: 10.1016/S1872-2067(12)60724-4).
- A26. G.Z. Kyzas\*, P.I. Sifaka, D.A. Lambropoulou, N.K. Lazaridis, D.N. Bikiaris\*, “Poly(itaconic acid)-grafted chitosan adsorbents of different cross-linking for Pb(II) and Cd(II) uptake”, *Langmuir* 30 (2014) 120-131 (doi: 10.1021/la402778x).
- A25. G.Z. Kyzas, E.A. Deliyanni\*, K.A. Matis, “Graphene oxide and its application as adsorbent to wastewater treatment”, *Journal of Chemical Technology and Biotechnology* 89 (2014) 196-205 (doi: 10.1002/jctb.4220).
- A24. G.Z. Kyzas, N.A. Travlou, E.A. Deliyanni\*, “The role of chitosan as nanofiller of graphite oxide for the removal of toxic mercury ions”, *Colloids and Surfaces B: Biointerfaces* 113 (2014) 467-476 (doi: 10.1016/j.colsurfb.2013.07.055).
- A23. G.Z. Kyzas\*, J. Fu, K.A. Matis, “The change from past to future for adsorbent materials in treatment of dyeing wastewaters”, *Materials* 6 (2013) 5131-5158 (doi: 10.3390/ma6115131).
- A22. G.Z. Kyzas, N.K. Lazaridis, E.A. Deliyanni\*, “Oxidation time effect of activated carbons for drug adsorption”, *Chemical Engineering Journal* 234 (2013) 491-499 (doi: 10.1016/j.cej.2013.06.024).
- A21. G.Z. Kyzas, N.K. Lazaridis, M. Kostoglou\*, “On the simultaneous adsorption of reactive dye and hexavalent chromium from aqueous solutions onto grafted chitosan”, *Journal of Colloid and Interface Science* 407 (2013) 432-441 (doi: 10.1016/j.jcis.2013.05.052).
- A20. G.Z. Kyzas\*, E.A. Deliyanni, “Mercury(II) removal with modified magnetic chitosan adsorbents”, *Molecules* 18 (2013) 6193-6214 (doi: 10.3390/molecules18066193).
- A19. G.Z. Kyzas\*, N.A. Travlou, O. Kalogirou, E.A. Deliyanni, “Magnetic graphene oxide: Effect of preparation route on Reactive Black 5 adsorption”, *Materials* 6 (2013) 1360-1376 (doi: 10.3390/ma6041360).
- A18. G.Z. Kyzas, M. Kostoglou, N.K. Lazaridis\*, D.A. Lambropoulou, D.N. Bikiaris\*, “Environmental friendly technology for the removal of pharmaceutical contaminants from wastewaters using modified chitosan adsorbents”, *Chemical Engineering Journal* 222 (2013) 248-258 (doi: 10.1016/j.cej.2013.02.048).
- A17. N.A. Travlou, G.Z. Kyzas, N.K. Lazaridis, E.A. Deliyanni\*, “Functionalization of graphite oxide with

- magnetic chitosan for the preparation of a nanocomposite dye adsorbent”, *Langmuir* 29 (2013) 1657-1668 (doi: 10.1021/la304696y).
- A16. G.Z. Kyzas\*, E.N. Peleka, E.A. Deliyanni, “Nanocrystalline akaganeite as adsorbent for surfactant removal from aqueous solutions”, *Materials* 6 (2013) 184-197 (doi: 10.3390/ma6010184).
- A15. N.A. Travlou, G.Z. Kyzas, N.K. Lazaridis, E.A. Deliyanni\*, “Graphite oxide/chitosan composite for reactive dye removal”, *Chemical Engineering Journal* 217 (2013) 256-265 (doi: 10.1016/j.cej.2012.12.008).
- A14. G.Z. Kyzas, M. Kostoglou, N.K. Lazaridis, D.N. Bikiaris\*, “N-(2-Carboxybenzyl)grafted chitosan as adsorptive agent for simultaneous removal of positively and negatively charged toxic metal ions”, *Journal of Hazardous Materials* 244-245 (2013) 29-38 (doi: 10.1016/j.jhazmat.2012.11.049).
- A13. G.Z. Kyzas, N.K. Lazaridis, D.N. Bikiaris\*, “Optimization of chitosan and  $\beta$ -cyclodextrin molecularly imprinted polymer synthesis for dye adsorption”, *Carbohydrate Polymers* 91 (2013) 198-208 (doi: 10.1016/j.carbpol.2012.08.016).
- A12. G.Z. Kyzas\*, N.K. Lazaridis, A.C. Mitropoulos, “Optimization of batch conditions and application to fixed-bed columns for a sequential technique of total color removal using “Greek coffee” residues as materials for real dyeing effluents”, *Journal of Engineering Science and Technology Review* 5 (2012) 66-75 (<http://www.jestr.org/downloads/Volume5Issue2/fulltext14050212.pdf>).
- A11. G.Z. Kyzas\*, “A decolorization technique with spent “Greek coffee” grounds as zero-cost adsorbents for industrial textile wastewaters”, *Materials* 5 (2012) 2069-2087 (doi: 10.3390/ma5112069).
- A10. G.Z. Kyzas\*, “Commercial coffee wastes as materials for adsorption of heavy metals from aqueous solutions”, *Materials* 5 (2012) 1826-1840 (doi: 10.3390/ma5101826).
- A09. G.Z. Kyzas, N.K. Lazaridis, M. Kostoglou\*, “Modelling the effect of pre-swelling on adsorption dynamics of dyes by chitosan derivatives”, *Chemical Engineering Science* 81 (2012) 220-230 (doi: 10.1016/j.ces.2012.07.007).
- A08. G.Z. Kyzas\*, N.K. Lazaridis, A.C. Mitropoulos, “Removal of dyes from aqueous solutions with untreated coffee residues as potential low-cost adsorbents: Equilibrium, reuse and thermodynamic approach”, *Chemical Engineering Journal* 189-190 (2012) 148-159 (doi: 10.1016/j.cej.2012.02.045).
- A07. G.Z. Kyzas, M. Kostoglou, A.A. Vassiliou, N.K. Lazaridis\*, “Treatment of real effluents from dyeing reactor: Experimental and modelling approach by adsorption onto chitosan”, *Chemical Engineering Journal* 168 (2011) 577-585 (doi: 10.1016/j.cej.2011.01.026).
- A06. G.Z. Kyzas, M. Kostoglou, N.K. Lazaridis\*, “Relating interactions of dye molecules with chitosan to adsorption kinetic data”, *Langmuir* 26 (2010) 9617-9626 (doi: 10.1021/la100206y).
- A05. G.Z. Kyzas, M. Kostoglou, N.K. Lazaridis\*, “Copper and chromium(VI) removal by chitosan derivatives – Equilibrium and kinetic studies”, *Chemical Engineering Journal* 152 (2009) 440-448 (doi: 10.1016/j.cej.2009.05.005).
- A04. G.Z. Kyzas, D.N. Bikiaris, N.K. Lazaridis\*, “Selective separation of basic and reactive dyes by molecularly imprinted polymers (MIPs)”, *Chemical Engineering Journal* 149 (2009) 263-272 (doi: 10.1016/j.cej.2008.11.002).
- A03. G.Z. Kyzas, N.K. Lazaridis\*, “Reactive and basic dyes removal by sorption onto chitosan derivatives”, *Journal of Colloid and Interface Science* 331 (2009) 32-39 (doi: 10.1016/j.jcis.2008.11.003).
- A02. G.Z. Kyzas, D.N. Bikiaris, N.K. Lazaridis\*, “Low-swelling chitosan derivatives as biosorbents for basic dyes”, *Langmuir* 24 (2008) 4791-4799 (doi: 10.1021/la7039064).
- A01. N.K. Lazaridis\*, G.Z. Kyzas, A.A. Vassiliou, D.N. Bikiaris, “Chitosan derivatives as biosorbents for basic dyes”, *Langmuir* 23 (2007) 7634-7643 (doi: 10.1021/la700423j).

- BI.25. D.A. Lambropoulou, S.G. Nanaki, G.Z. Kyzas, D.N. Bikiaris, P. Siafaka, "Effectively designed molecularly imprinted polymers for selective isolation of the antifungal drug fluconazole", *4<sup>th</sup> International Symposium Frontiers in Polymer Science*, Riva del Garda, 20 – 22 May 2015.
- BI.24. G.Z. Kyzas, D.N. Bikiaris, "Molecularly Imprinted Polymers (MIPs) for recovery of resveratrol from winery effluents", *International Conference "Industrial Waste & Wastewater Treatment & Valorisation"*, Athens, 21 – 23 May 2015.
- BI.23. Z. Terzopoulou, M. Papageorgiou, G.Z. Kyzas, D.N. Bikiaris, D.A. Lambropoulou, "Molecularly imprinted polymer-based solid phase microextraction fibers for the selective separation and enrichment of the antiviral drug Abacavir from aqueous matrices", *Society of Environmental Toxicology and Chemistry (SETAC) Europe 25th Annual Meeting*, Barcelona, Spain, 3 – 7 May 2015.
- BI.22. M.M. Laimou-Geraniou, G.Z. Kyzas, S.G. Nanaki, A.I. Koltsakidou, D.N. Bikiaris, D.A. Lambropoulou, "Removal of Trimethoprim as organic micropollutant in aqueous matrices using modified chitosan super-adsorbent beads", *8th European Conference on Pesticides and Related Organic Micropollutants in the Environment*, Ioannina, Greece, 18 – 21 September 2014.
- BI.21. A.C. Tzereme, S.G. Nanaki, G.Z. Kyzas, M. Papageorgiou, D.N. Bikiaris, D.A. Lambropoulou, "Adsorption of Metoprolol tartrate onto iota-Carrageenan modified by glutaraldehyde matrix and prepared by spray-drying", *8th European Conference on Pesticides and Related Organic Micropollutants in the Environment*, Ioannina, Greece, 18 – 21 September 2014.
- BI.20. G.Z. Kyzas, D.N. Bikiaris, "Synthesis, characterization and adsorptive evaluation of chitosan/graphite oxide composite for dye removal", *8th European Conference on Pesticides and Related Organic Micropollutants in the Environment*, Ioannina, Greece, 18 – 21 September 2014.
- BI.19. G.Z. Kyzas, D.N. Bikiaris, D.A. Lambropoulou, "The effect of humic acid on the removal of pharmaceuticals from aqueous solutions", *The 17th Meeting of Humic Substances Society*, Ioannina, Greece, 01 – 05 September 2014.
- BI.18. G.Z. Kyzas, M. Kechagia, D.N. Bikiaris, D.A. Lambropoulou, "Selective isolation and determination of Guanylyurea in aqueous matrices using Molecular Imprinting Technique", *16th International Symposium on Advances in Extraction Technologies (ExTech 2014)*, Chania, Greece, 25 – 28 May 2014.
- BI.17. E.T. Lakkovikiotis, G.Z. Kyzas, E.A. Deliyanni, K.A. Matis, "Hydrothermally prepared biochars from potato peels. Activation of biochars with phosphoric acid for use as sorbents for cobalt removal from wastewaters", *European Geosciences Union General Assembly 2014 "SSS9.8 Novel sorbent materials for Environmental remediation"*, Vienna, Austria 27 – 02 May 2014.
- BI.16. G.Z. Kyzas, D.N. Bikiaris, "Phenols removal from wastewaters using (N-succinyl)grafted chitosan", *3rd ScienceOne International Conference on Environmental Sciences (ICES2014)*, Dubai, United Arab Emirates, 21 – 23 January 2014.
- BI.15. G.Z. Kyzas, E.A. Deliyanni, "Hydrothermally prepared biochars from potato and potato peels as green approach: The effect of activation route on drug adsorption capacity", *International Conference of Physical Chemistry - ROMPHYSICHEM 15*, Bucharest, Romania, 11 – 13 September 2013.
- BI.14. G.Z. Kyzas, N.K. Lazaridis, M. Kostoglou, "Detailed desorption study of dye molecule from polymeric material: Effect of pH, temperature, contact time and initial concentration", *International Conference of Physical Chemistry - ROMPHYSICHEM 15*, Bucharest, Romania, 11 – 13 September 2013.
- BI.13. O.G. Kiteri, G.Z. Kyzas, N.K. Lazaridis, E.A. Deliyanni, "Removal of pharmaceutical pollutants with raw and oxidized forms of activated carbon", *1st International Porous and Powder Materials Symposium and Exhibition (PPM 2013)*, Cesme, Izmir, Turkey, 03 – 06 September 2013.
- BI.12. G.Z. Kyzas, N.A. Travlou, E.A. Deliyanni, "Removal of mercury from aqueous solutions using

composite nanomaterials of graphite oxide with chitosan and magnetic chitosan”, *1st International Porous and Powder Materials Symposium and Exhibition (PPM 2013)*, Cesme, Izmir, Turkey, 03 – 06 September 2013.

- BI.11. G.Z. Kyzas, D.N. Bikiaris, E.A. Deliyanni, “Nanocomposite material of graphene oxide and carboxyl-grafted chitosan: Potential drug removal application”, *10th International Conference on Nanosciences & Nanotechnologies (NN13)*, Thessaloniki, Greece, 09 - 12 July 2013.
- BI.10. G.Z. Kyzas, N.A. Travlou, E.A. Deliyanni, “Dye removal from effluents with magnetic graphene oxide”, *23rd International Scientific Conference*, Stara Zagora, Bulgaria, 06 – 07 June 2013.
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