








A/A	Deliverable	Description	Type of Deliverable	a/a Work Packages	Partner	Date (Month) -
Dissemination Activities						
Conferences						
1 (25b)		<p>7^ο Περιβαλλοντικό συνέδριο Μακεδονίας 30/10-1/11/2020 https://sites.google.com/gapps.auth.gr/persynmak</p> <p>Σύνθεση και χαρακτηρισμός ενεργού άνθρακα από επιτραπέζια ζάχαρη Λιάκος Ε.Β., Μητρόπουλος Α.Χ, Κύζας Γ.Ζ.</p> 	Posters/oral presentations in international conferences	7: Exploitation and dissemination of results	HEPHAESTUS LAB	18
2 (25a)	At least 4 posters/oral presentations in international conferences	<p>Investigation of Surface Alteration of Microplastics by Using UV Irradiation Nina Maria Ainali, Dimitra A. Lambropoulou, Dimitrios N. Bikiaris 05-25 November 2020 https://cgpm2020.sciforum.net/</p> 	Παρουσία Posters/oral presentations in international conferences σε συνέδριο	7: Exploitation and dissemination of results	AUTH	18

<p style="text-align: center;">3 (25a)</p>	<p>At least 4 posters/oral presentations in international conferences</p>	<p style="text-align: center;"> Διαδικτυακό Συνέδριο Νέων Επιστημόνων Ορυκτοί Πόροι-Περιβάλλον- Χημική Μηχανική Κοζάνη, Δυτική Μακεδονία 26-28 Φεβρουαρίου, 2021 Οργάνωση από τα τμήματα Μηχανικών Ορυκτών Πόρων & Χημικών Μηχανικών του Πανεπιστημίου Δυτικής Μακεδονίας ΠΡΟΣΔΙΟΡΙΣΜΟΣ ΜΙΚΡΟΠΛΑΣΤΙΚΩΝ ΣΕ ΥΓΡΑ ΕΠΕΞΕΡΓΑΣΜΕΝΑ ΛΥΜΑΤΑ ΜΕ ΤΕΧΝΙΚΕΣ ΜΙΚΡΟΣΚΟΠΙΑΣ ΚΑΙ ΠΥΡΟΛΥΣΗΣ – ΑΕΡΙΑΣ ΧΡΩΜΑΤΟΓΡΑΦΙΑΣ ΦΑΣΜΑΤΟΜΕΤΡΙΑΣ ΜΑΖΑΣ (Py-GC/MS Αϊναλή Ν. Μ., Κοντογιάννης Α., Καλαρώνης Δ.1, Ευγενίδου Ε., Παπαγεωργίου Μ., Χριστοδούλου Κ.4, Λιούμπας Ι.4, Παπαστεργίου Φ.4, Κύζας Γ., Μητρόπουλος, Α., Μπικιάρης Δ. Ν., και Λαμπροπούλου Δ. </p> <div style="display: flex; justify-content: space-between; align-items: center;"> <div data-bbox="507 1234 689 1267">  <p>ΠΑΝΕΠΙΣΤΗΜΙΟ ΔΥΤΙΚΗΣ ΜΑΚΕΔΟΝΙΑΣ</p> </div> <div data-bbox="895 1234 946 1274">  </div> </div> <p style="text-align: center;"> 1^ο Διαδικτυακό Συμπόσιο Νέων Επιστημόνων με θέμα «Ορυκτοί Πόροι-Περιβάλλον-Χημική Μηχανική» 26-28 Φεβρουαρίου 2021 ΒΙΒΛΙΟ ΠΕΡΙΛΗΨΕΩΝ Επιστημονική Επιμέλεια Βασίλειος Ευαγγελοπούλος Ανδρέας Ιορβανίδης Νικόλαος Χαρισίου </p> <div style="text-align: center;">  <p style="text-align: center;">Οργάνωση</p> <div style="display: flex; justify-content: center; align-items: center;">   </div> </div>	<p style="text-align: center;">Posters/oral presentations in international conferences</p>	<p style="text-align: center;">7: Exploitation and dissemination of results</p>	<p style="text-align: center;">AUTH</p>	<p style="text-align: center;">18</p>
--	---	---	--	---	---	---------------------------------------


<p>4 (25a)</p>	<p>At least 4 posters/oral presentations in international conferences</p>	<p>4ο Συνέδριο Χημείας Μεταπτυχιακών και Προπτυχιακών Φοιτητών ΑΥΤΗ (4ο ΣΧΜΠΦ ΑΥΤΗ)</p> <p>20-21 Μαρτίου 2021</p> <p>https://authgr.zoom.us/j/96580049566?pwd=SjduUHJZM0UvYUtgZz09</p> <p>Simultaneous removal of anti-inflammatory pharmaceutical compounds from an aqueous mixture with adsorption onto chitosan zwitterionic derivative</p> <p>Neda Malesic-Eleftheriadou, Eleni Evgenidou, Maria Lazaridou, Dimitrios N. Bikiaris, Xin Yang, George Z. Kyzas, Dimitra A. Lambropoulou</p>	<p>Posters/oral presentations in international conferences</p>	<p>7: Exploitation and dissemination of results</p>	<p>AUTH</p>	<p>18</p>
<p>5 (25b)</p>	<p>At least 4 posters/oral presentations in international conferences</p>	<p>International Conference on water and energy ICWE'21</p> <p>25-26/05/2021</p> <p>https://icwe-2020.webnode.co.uk</p> <p>Molecular Imprinted Polymers as selective adsorbent materials for binding of diclofenac and venlafaxine pharmaceutical compounds from simulated wastewaters</p> <p>E.V. Liakos, A.C. Mitropoulos, D.N Bikiaris, D.A Lampropoulou, G.Z. Kyzas</p> 	<p>Posters/oral presentations in international conferences</p>	<p>7: Exploitation and dissemination of results</p>	<p>HEPHAESTUS LAB</p>	<p>18</p>


<p>6 (25b)</p>	<p>At least 4 posters/oral presentations in international conferences</p>	<p>International Conference on water and energy ICWE'21 25-26/05/2021 https://icwe-2020.webnode.co.uk</p> <p>Graphene oxide from agricultural peels as adsorbent material for the removal of pharmaceutical compounds from simulated wastewater.</p> <p>E.V. Liakos, E. Evgelidou, A.C. Mitropoulos, D.N. Bikiaris, D.A. Lambropoulou, G.Z. Kyzas</p> 	<p>Posters/oral presentations in international conferences</p>	<p>7: Exploitation and dissemination of results</p>	<p>HEPHAESTUS LAB</p>	<p>18</p>
<p>7 (25a)</p>	<p>At least 4 posters/oral presentations in international conferences</p>	<p>6th distance education e-learning International Summer School and Workshop on "Wastewater and Biosolids Management", (WWSS21) 26-31 July 2021, Patra https://wastewater2021.eap.gr/</p> <p>Monitoring microplastics in wastewater treatment plant of Thessaloniki: sampling, identification and quantification of particles</p> <p><u>Dimitrios Kalaronis</u>, Nina Maria Ainali, Eleni Evgenidou, Dimitrios N. Bikiaris, Dimitra Lambropoulou</p>	<p>Posters/oral presentations in international conferences</p>	<p>7: Exploitation and dissemination of results</p>	<p>AUTH</p>	<p>18</p>

<p>8 (25b)</p>	<p>At least 4 posters/oral presentations in international conferences</p>	<p>Wastewater and biosolids management Summer School 26-31/07/2021 https://wastewater2023.eap.gr/ Removal of pharmaceutical compound from wastewaters with adsorption onto activated carbons produced from orange peels, sucrose, tea stalks and kiwi peels. E.V. Liakos, A.C. Mitropoulos, G.Z. Kyzas</p> 	<p>Posters/oral presentations in international conferences</p>	<p>7: Exploitation and dissemination of results</p>	<p>HEPHAESTUS LAB</p>	<p>18</p>
<p>9 (25a)</p>	<p>At least 4 posters/oral presentations in international conferences</p>	<p>7th International Conference on Industrial and Hazardous Waste Management 27-30 July 2021 http://hwm-conferences.tuc.gr/ UV Aging Effects On Most Common Used Plastics LDPE, HDPE, PP And PS: An Insight Into Microplastics' Formation Nina Maria Ainali, <u>Dimitrios N. Bikiaris</u>, Dimitra A. Lambropoulou</p>	<p>Posters/oral presentations in international conferences</p>	<p>7: Exploitation and dissemination of results</p>	<p>AUTH</p>	<p>18</p>
<p>10 (25a)</p>	<p>At least 4 posters/oral presentations in international conferences</p>	<p>12th International Conference on Instrumental Methods Analysis (IMA 2021) in Aristotle University of Thessaloniki 20-23 September 2021, Thessaloniki http://aclab.web.auth.gr/ima2021/#xl_xr_page_index Occurrence of microplastics in wastewater treatment plant in the city of Thessaloniki <u>Dimitrios Kalaronis</u>, Nina Maria Ainali, Eleni Evgenidou, Matthildi Papageorgiou, Aikaterini Christodoulou, Ioannis Lioumbas, George Z. Kyzas, Dimitrios N. Bikiaris, Dimitra Lambropoulou</p>	<p>Posters/oral presentations in international conferences</p>	<p>7: Exploitation and dissemination of results</p>	<p>AUTH</p>	<p>18</p>






<p>11 (25a)</p>	<p>At least 4 posters/oral presentations in international conferences</p>	<p>9ο Συνέδριο Θερμικής Ανάλυσης και Θερμιδομετρίας (ΘΕΡΜΑ 2021) 23-24/10/2021 http://hsta.gr/therma2021/ Επίδραση της UV-B Ακτινοβολίας στις Φυσικοχημικές Ιδιότητες των Ευρέως Χρησιμοποιούμενων Πολυμερών και στο Σχηματισμό Μικροπλαστικών <u>Νίνα Μαρία Αϊναλή</u>, Δημήτριος Ν. Μπικιάρης και Δήμητρα Λαμπροπούλου</p>	<p>Posters/oral presentations in international conferences</p>	<p>7: Exploitation and dissemination of results</p>	<p>AUTH</p>	<p>18</p>
<p>12 (25b)</p>	<p>At least 4 posters/oral presentations in international conferences</p>	<p>SNAIA 2021 Hybrid Online-Onsite Conference 7-10 December 2021, Paris https://www.ntmdt-si.com/about/events/snaia-2021 Graphene-based materials for wastewater treatment George Z. Kyzas</p> 	<p>Posters/oral presentations in international conferences</p>	<p>7: Exploitation and dissemination of results</p>	<p>HEPHAESTUS LAB</p>	<p>18</p>
<p>13 (25a)</p>	<p>At least 4 posters/oral presentations in international conferences</p>	<p>13th Hellenic Polymer Society International Conference 12-16/12/2021 https://www.conferre.gr/allevnts/polycofnf13/ Aging Assessment Of Everyday-Used Polymers Under UV-B Exposure: An Insight Into Physicochemical Alterations And Microplastics' Formation <u>Nina Maria Ainali</u>, Dimitrios N. Bikiaris, Dimitra A. Lambropoulou</p>	<p>Posters/oral presentations in international conferences</p>	<p>7: Exploitation and dissemination of results</p>	<p>AUTH</p>	<p>18</p>

<p>14 (25α)</p>	<p>At least 4 posters/oral presentations in international conferences</p>	<p>13th Hellenic Polymer Society International Conference 12-16/12/2021 Athens https://www.conferre.gr/allevents/polyconf13/ Adsorption of pharmaceuticals onto virgin and aged biobased microplastics”, 13th Hellenic Polymer Society International Conference <u>Dimitrios Kalaronis</u>, Nina Maria Ainali, Eleni Evgenidou, George Z. Kyzas, Dimitrios N. Bikiaris, Dimitra A. Lambropoulou</p>	<p>Posters/oral presentations in international conferences</p>	<p>7: Exploitation and dissemination of results</p>	<p>AUTH</p>	<p>18</p>
<p>15 (25α)</p>	<p>At least 4 posters/oral presentations in international conferences</p>	<p>NANOMAT2022, Dubai, UAE, 23-25/03/2022 Polyolefines under UV-B exposure: From physicochemical changes to microplastics’ formation <u>Nina Maria Ainali</u>, Dimitrios N. Bikiaris, Dimitra A. Lambropoulou</p>	<p>Posters/oral presentations in international conferences</p>	<p>7: Exploitation and dissemination of results</p>	<p>AUTH</p>	<p>18</p>
<p>16 (25α)</p>	<p>At least 4 posters/oral presentations in international conferences</p>	<p>NANOMAT2022, Dubai, UAE, 23-25/03/2022 Activated carbons derived from low-cost biomass (orange peels) for the removal of non-steroidal anti-inflammatory drugs from aqueous media Neda Malesic-Eleftheriadou, Efsthathios V. Liakos, George Z. Kyzas, Dimitrios N. Bikiaris, Dimitra A. Lambropoulou</p>	<p>Posters/oral presentations in international conferences</p>	<p>7: Exploitation and dissemination of results</p>	<p>AUTH</p>	<p>18</p>
<p>17 (25α)</p>	<p>At least 4 posters/oral presentations in international conferences</p>	<p>5ο Συνέδριο Χημείας Μεταπτυχιακών και Προπτυχιακών Φοιτητών AUTH (5ο ΣΧΜΠΦ AUTH) https://websites.auth.gr/5chemauth/ 02-03/04/2022 Πολυκαρβονικός εστέρας: Η επίδραση της υπεριώδους ακτινοβολίας στη μεταβολή των φυσικοχημικών χαρακτηριστικών του και τον σχηματισμό μικροπλαστικών <u>Νίνα Μαρία Αϊναλή</u>, Δημήτριος Ν. Μπικιάρης και Δήμητρα Λαμπροπούλου</p>	<p>Posters/oral presentations in international conferences</p>	<p>7: Exploitation and dissemination of results</p>	<p>AUTH</p>	<p>18</p>

<p>18 (25a)</p>	<p>At least 4 posters/oral presentations in international conferences</p>	<p>5ο Συνέδριο Χημείας Μεταπτυχιακών και Προπτυχιακών Φοιτητών ΑΥΤΗ (5ο ΣΧΜΠΦ ΑΥΤΗ) https://websites.auth.gr/5chemauth/ 02-03/04/2022 Εκτίμηση τοξικότητας βιοδιασπώμενων πολυμερών και φαρμακευτικών ουσιών σε υδάτινους μικροοργανισμούς <u>Δημήτριος Καλαρώνης</u>, Νίνα Μαρία Αϊναλή, Ελένη Ευγενίδου, Δημήτριος Ν. Μπικίαρης, Δήμητρα Α. Λαμπροπούλου</p>	<p>Posters/oral presentations in international conferences</p>	<p>7: Exploitation and dissemination of results</p>	<p>AUTH</p>	<p>18</p>
<p>19 (25a)</p>	<p>At least 4 posters/oral presentations in international conferences</p>	<p>Early Career Microplastics Workshop in Kapodistrian University 13-17 June 2022, Athens https://microplasticsworkshop.com/events/2022 Determination of microplastics in effluent autumn samples of Thessaloniki's wastewater treatment plant <u>Dimitrios Kalaronis</u>, Nina Maria Ainali, Eleni Evgenidou, George Z. Kyzas, Dimitrios N. Bikiaris, Dimitra N. Lambropoulou</p>	<p>Posters/oral presentations in international conferences</p>	<p>7: Exploitation and dissemination of results</p>	<p>AUTH</p>	<p>18</p>
<p>20 (25a)</p>	<p>At least 4 posters/oral presentations in international conferences</p>	<p>11th European Conference on Pesticides and related organic micropollutants in the environment & 17th Symposium on Chemistry and Fate of Modern Pesticides 23-26/06/2022 https://www.conferre.tv/pesticides2022 Monitoring of Pollutants - Applications of Analytical Techniques I D. Lambropoulou., G. Kyzas</p> 	<p>Posters/oral presentations in international conferences</p>	<p>7: Exploitation and dissemination of results</p>	<p>AUTH</p>	<p>18</p>

<p>21 (25a)</p>	<p>At least 4 posters/oral presentations in international conferences</p>	<p>11th European Conference on Pesticides and Related Organic Micropollutants in the Environment & 17th Symposium on Chemistry and Fate of Modern Pesticides in University of Ioannina</p> <p>23-26 June 2022, Ioannina</p> <p>https://www.conferre.gr/event-detail.aspx?event=529</p> <p>Identification and quantification of microplastics in wastewater samples collected from wastewater treatment plant of Thessaloniki</p> <p>Dimitrios Kalaronis, <u>Nina Maria Ainali</u>, Eleni Evgenidou, Matthildi Papageorgiou, Aikaterini Christodoulou, Ioannis Lioumbas, George Z. Kyzas, Dimitrios N. Bikiaris, Dimitra A. Lambropoulou</p>	<p>Posters/oral presentations in international conferences</p>	<p>7: Exploitation and dissemination of results</p>	<p>AUTH</p>	<p>18</p>
<p>22 (25a)</p>	<p>At least 4 posters/oral presentations in international conferences</p>	<p>8th Conference Metrologia</p> <p>1-2/07/2022</p> <p>https://www.greekmetrology.gr/conferences/8th-metrology-conference-en/</p> <p>Ανάπτυξη και εφαρμογή πολυθυπολειματικής μεθόδου προσδιορισμού υπολειμμάτων φαρμακευτικών ενώσεων σε λύματα με φασματομετρία μάζας υψηλής διακριτικής ικανότητας</p> <p>Κ. Αναγνωστοπούλου, Χ. Νάννου, Ν. Αιναλή, Δ. Καλαρώνης, Ι. Λιούμπας, Α. Χριστοδούλου, Γ. Κύζας, Ε. Ευγενίδου, Δ. Μπικιάρης, Δ. Λαμπροπούλου</p> 	<p>Posters/oral presentations in international conferences</p>	<p>7: Exploitation and dissemination of results</p>	<p>AUTH</p>	<p>18</p>

<p>23 (25b)</p>	<p>At least 4 posters/oral presentations in international conferences</p>	<p>EPF European Polymer 26/06-01/07/2022 https://www.epf2022.org/ Copper ions removal from wastewater with polymeric adsorbents materials G. Kyzas</p> 	<p>Posters/oral presentations in international conferences</p>	<p>7: Exploitation and dissemination of results</p>	<p>HEPHAESTUS LAB</p>	<p>18</p>
<p>24 (25b)</p>	<p>At least 4 posters/oral presentations in international conferences</p>	<p>7th Wastewater and biosolids management Summer School 11-14/07/2022 https://wastewater2022.eap.gr Synthesis characterization and adsorption evaluation of modified graphene adsorbent films for the removal of drugs from aqueous solutions D. Trikkaliotis, E. Calicat, A. Mansour, D. Lambropoulou, A.. Mitropoulos, G. Z. Kyzas</p> 	<p>Posters/oral presentations in international conferences</p>	<p>7: Exploitation and dissemination of results</p>	<p>HEPHAESTUS LAB</p>	<p>18</p>

<p>25 (25b)</p>	<p>At least 4 posters/oral presentations in international conferences</p>	<p>ETCC2022 European Technical Coatings Congress 12–14/07/2022 https://etcc2022.org/ Chitosan-modified polymeric material for wastewater treatment G.Z. Kyzas</p>   	<p>Posters/oral presentations in international conferences</p>	<p>7: Exploitation and dissemination of results</p>	<p>HEPHAESTUS LAB</p>	<p>18</p>
<p>26 (25b)</p>	<p>At least 4 posters/oral presentations in international conferences</p>	<p>9th IUPAC International Conference on Green Chemistry 5-9/09/2022, Athens https://iupac.org/event/9th-iupac-international-conference-on-green-chemistry-2/ Versatile synthesis of graphene materials for the removal of copper ions from aqueous solutions D. Trikkaliotis, D.. Lambropoulou, A. Mitropoulos, G. Z. Kyzas</p>  	<p>Posters/oral presentations in international conferences</p>	<p>7: Exploitation and dissemination of results</p>	<p>HEPHAESTUS LAB</p>	<p>18</p>
<p>27 (25a)</p>	<p>At least 4 posters/oral presentations in international conferences</p>	<p>International Conference on Chemistry and the Environment 2023 (ICCE 2023) 11 – 15 June, Mestre Venice https://icce2023.com/ Sorption Behavior of Antibiotics on Virgin and Aged PLA and PET Microplastics in Aqueous Matrices Dimitrios Kalaronis, Eleni Evgenidou, George Z. Kyzas, Dimitrios N. Bikiaris, Dimitra A. Lambropoulou</p>	<p>Posters/oral presentations in international conferences</p>	<p>7: Exploitation and dissemination of results</p>	<p>AUTH</p>	<p>18</p>

<p>28 (25a)</p>	<p>At least 4 posters/oral presentations in international conferences</p>	<p>8th distance education e-learning International Summer School and Workshop on “Wastewater and Biosolids Management”, (WWSS23) 24-29 July 2023, Patra https://wastewater2023.eap.gr/ Sorption of three common anti-inflammatory and anti-hypertensive drugs on PP microplastics in freshwater systems <u>Dimitrios Kalaronis</u>, Eleni Evgenidou, George Z. Kyzas, Dimitrios N. Bikiaris, Dimitra A. Lambropoulou</p>	<p>Posters/oral presentations in international conferences</p>	<p>7: Exploitation and dissemination of results</p>	<p>AUTH</p>	<p>18</p>
<p>29 (25a)</p>	<p>At least 4 posters/oral presentations in international conferences</p>	<p>8^ο Περιβαλλοντικό Συνέδριο Μακεδονίας 6-8 Οκτωβρίου 2023, Θεσσαλονίκη https://persynmak.blogspot.com/ Μελέτη της επίδρασης του πολυπροπυλενίου στην φωτολυτική διάσπαση φαρμακευτικών ενώσεων <u>Δημήτριος Καλαρώνης</u>, Ελένη Ευγενίδου, Γεώργιος Ζ. Κύζας, Δημήτριος Ν. Μπικιάρης, Δήμητρα Α. Λαμπροπούλου</p>	<p>Posters/oral presentations in international conferences</p>	<p>7: Exploitation and dissemination of results</p>	<p>AUTH</p>	<p>18</p>
<p>30 (25a)</p>	<p>At least 4 posters/oral presentations in international conferences</p>	<p>1st Aristotle Conference on Chemistry Advantages and Challenges in Chemistry (ACC2023) 12-15 November 2023 Thessaloniki https://acc2023.chem.auth.gr/ Sorption of three common anti-inflammatory and anti-hypertensive drugs on PET microplastics in natural waters <u>Dimitrios Kalaronis</u>, Eleni Evgenidou, George Z. Kyzas, Dimitrios N. Bikiaris, Dimitra A. Lambropoulou</p>	<p>Posters/oral presentations in international conferences</p>	<p>7: Exploitation and dissemination of results</p>	<p>AUTH</p>	<p>18</p>

<p>31 (25c)</p>	<p>At least 1 publication in scientific journal</p>	<p>Petromelidou, S., Anagnostopoulou, K., Koronaiou, L.-A., Kalaronis, D., Ainali, N.M., Evgenidou, E., Papageorgiou, M., Christodoulou, A., Lioumbas, I., Kyzas, G.Z., Mitropoulos, A., Bikiaris, D.N. and Lambropoulou, D.A., 2024. Exploring patterns of antibiotics during and after COVID-19 pandemic in wastewaters of northern Greece: Potential adverse effects on aquatic environment. Science of The Total Environment, 914(1), pp.169832</p>	<p>Posters/oral presentations in international conferences</p>	<p>7: Exploitation and dissemination of results</p>	<p>EYATH</p>	<p>48</p>
<p>32 (25c)</p>	<p>At least 2 posters/oral presentations in international conferences</p>	<p>Lioumbas, J., Christodoulou, A., Papageorgiou, M., Papastergiou, F., Kalaronis, D., Ainali, N.M., Kyzas, G.Z., Bikiaris, D.N., Lambropoulou, D. (2022). Microplastics presence at WWTP effluent: Sampling and preliminary findings in the case of Thessaloniki. Paper presented at the 6th International Congress: Water, Waste and Energy Management, Rome, Italy.</p>	<p>Posters/oral presentations in international conferences</p>	<p>7: Exploitation and dissemination of results</p>	<p>EYATH</p>	<p>31</p>
<p>33 (25c)</p>	<p>At least 2 posters/oral presentations in international conferences</p>	<p>Lioumbas, I., Christodoulou, A., Papageorgiou, M., Papastergiou, F. (2022). Designing a microplastics sampling procedure in Thessaloniki Wastewater Treatment Plant. Paper presented at the European Wastewater Management Conference & Exhibition, Birmingham, UK, 12-13 July 2022.</p>	<p>Posters/oral presentations in international conferences</p>	<p>7: Exploitation and dissemination of results</p>	<p>EYATH</p>	<p>32</p>
<p>Publications in Scientific Journals</p>						

<p>1 (24b)</p>	<p>At least 3 publications in scientific journals</p>	<p>Low-cost route for top-down synthesis of over- and low-oxidized graphene oxide</p> <p>Dimitrios G. Trikkaliotis, Athanasios C. Mitropoulos, George Z. Kyzas</p> <p>Colloids and Surfaces A 600,124928</p> <p>2020</p> <p>doi.org/10.1016/j.colsurfa.2020.124928</p>	<p>Publications in Scientific Journals</p>	<p>7: Exploitation and dissemination of results</p>	<p>HEPHAESTUS LAB</p>	<p>18</p>
<p>2 (24b)</p>	<p>At least 3 publications in scientific journals</p>	<p>Adsorption Evaluation for the Removal of Nickel, Mercury and Barium Ions From Single-Component and Mixtures of Aqueous Solutions by Using an Optimized Biobased Chitosan Derivative</p> <p>Efstathios V. Liakos, Mariza Mone , Dimitra A. Lambropoulou, Dimitrios N. Bikiaris and George Z. Kyzas</p> <p>Polymers, 12, 1173</p> <p>2020</p> <p>doi:10.3390/polym12051173</p>	<p>Publications in Scientific Journals</p>	<p>7: Exploitation and dissemination of results</p>	<p>HEPHAESTUS LAB</p>	<p>18</p>
<p>3 (24b)</p>	<p>At least 3 publications in scientific journals</p>	<p>Chitosan Grafted with Biobased 5-Hydroxymethyl-Furfural as Adsorbent for Copper and Cadmium Ions Removal</p> <p>Mariza Mone, Dimitra A. Lambropoulou, Dimitrios N. Bikiaris and George Kyzas</p> <p>Polymers, 12, 1173</p> <p>2020</p> <p>doi:10.3390/polym12051173</p>	<p>Publications in Scientific Journals</p>	<p>7: Exploitation and dissemination of results</p>	<p>HEPHAESTUS LAB</p>	<p>18</p>

<p>4 (24a)</p>	<p>At least 3 publications in scientific journals</p>	<p>Simultaneous removal of anti-inflammatory pharmaceutical compounds from an aqueous mixture with adsorption onto chitosan zwitterionic derivative</p> <p>Neda Malesic-Eleftheriadou, Eleni Evgenidou, Maria Lazaridou, Dimitrios N. Bikiaris, Xin Yang, George Z. Kyzas , Dimitra A. Lambropoulou</p> <p>Colloids and Surfaces A: Physicochemical and Engineering Aspects 619 (2021) 126498</p> <p>https://doi.org/10.1016/j.colsurfa.2021.126498</p>	<p>Publications in Scientific Journals</p>	<p>7: Exploitation and dissemination of results</p>	<p>AUTH</p>	<p>18</p>
<p>5 (24a)</p>	<p>At least 3 publications in scientific journals</p>	<p>Insights into the toxicity of biomaterials microparticles with a combination of cellular and oxidative biomarkers</p> <p>Anna Pappa, Alik Papadimitriou-Tsantarliotou, Martha Kaloyianni, Georgia Kastrinaki Stefanos Dailianis, Dimitra A. Lambropoulou, Evi Christodoulou, George Z. Kyzas, Dimitrios N. Bikiaris</p> <p>Journal of Hazardous Materials Volume 413, 5 July 2021, 125335</p> <p>https://doi.org/10.1016/j.jhazmat.2021.125335</p>	<p>Publications in Scientific Journals</p>	<p>7: Exploitation and dissemination of results</p>	<p>AUTH</p>	<p>18</p>

<p>6 (24b)</p>	<p>At least 2 publications in scientific journals</p>	<p>Adsorption Evaluation for the Removal of Nickel, Mercury and Barium Ions From Single-Component and Mixtures of Aqueous Solutions by Using an Optimized Biobased Chitosan Derivative</p> <p>Efstathios V. Liakos, Mariza Mone, Dimitra A. Lambropoulou, Dimitrios N. Bikiaris and George Z. Kyzas</p> <p>Polymers 2021, 13, 232. https://doi.org/10.3390/polym13020232</p>	<p>Publications in Scientific Journals</p>	<p>7: Exploitation and dissemination of results</p>	<p>ΕΗΦ</p>	<p>18</p>
<p>7 (24b)</p>	<p>At least 2 publications in scientific journals</p>	<p>Carbonaceous Adsorbents Derived from Agricultural Sources for the Removal of Pramipexole Pharmaceutical Model Compound from Synthetic Aqueous Solutions</p> <p>Liakos, E.V; Rekos, K.; Giannakoudakis, D.A; Mitropoulos, A.C; Kyzas, G.Z</p> <p>Processes 2021, 9, 253. https://doi.org/10.3390/pr9020253</p>	<p>Publications in Scientific Journals</p>	<p>7: Exploitation and dissemination of results</p>	<p>ΕΗΦ</p>	<p>18</p>

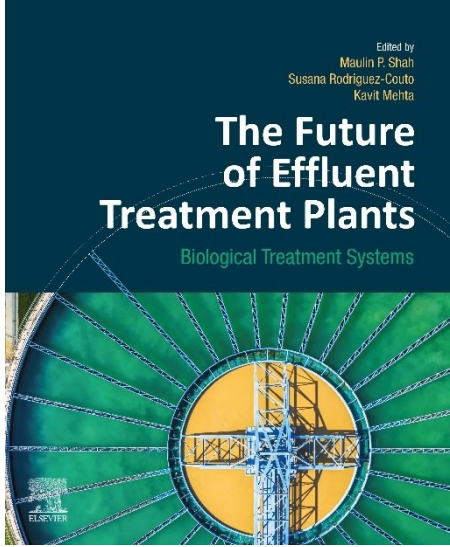
<p>8 (24b)</p>	<p>At least 2 publications in scientific journals</p>	<p>Barium/Cobalt@Polyethylene Glycol Nanocomposites for Dye Removal from Aqueous Solutions</p> <p>Rahdar, S.; Rahdar, A.; Sattari, M.; Hafshejani, L.D.; Tolkou, A.K.; Kyzas, G.Z.</p> <p>Polymers 2021, 13, 1161 https://doi.org/10.3390/polym13071161</p>	<p>Publications in Scientific Journals</p>	<p>7: Exploitation and dissemination of results</p>	<p>EHΦ</p>	<p>18</p>
<p>9 (24b)</p>	<p>At least 3 chapters in books</p>	<p>Nanotitanium photocatalytic technology in wastewater treatment</p> <p>Efthimia Ioannidou, George Z. Kyzas The Future of Effluent Treatment Plants: Biological Treatment Systems. DOI: 10.1016/C2019-0-04851-0 Copyright © 2021, Elsevier, Inc. All rights reserved.</p>	<p>Publications in Scientific Journals</p>	<p>7: Exploitation and dissemination of results</p>	<p>EHΦ</p>	<p>18</p>
<p>10 (24a)</p>	<p>At least 3 publications in scientific journals</p>	<p>Aging effects on low- and high-density polyethylene, polypropylene and polystyrene under UV irradiation: An insight into decomposition mechanism by Py-GC/MS for microplastic analysis</p> <p>Nina Maria Ainali, Dimitrios N. Bikiaris, Dimitra A. Lambropoulou https://doi.org/10.1016/j.jaap.2021.105207</p>	<p>Publications in Scientific Journals</p>	<p>7: Exploitation and dissemination of results</p>	<p>AUTH</p>	<p>18</p>
<p>11 (24a)</p>	<p>At least 3 publications in scientific journals</p>	<p>Microplastics in the environment: Sampling, pretreatment, analysis and occurrence based on current and newly-exploited chromatographic approaches</p> <p>N. M. Ainali, D. Kalaronis, A. Kontogiannis, E. Evgenidou, G. Z. Kyzas, X. Yang, D. N. Bikiaris and D. A. Lambropoulou Sci. Total Environ., vol. 794, no. 148725, 2021 doi: 10.1016/j.scitotenv.2021.148725</p>	<p>Publications in Scientific Journals</p>	<p>7: Exploitation and dissemination of results</p>	<p>AUTH</p>	<p>18</p>


<p>12 (24b)</p>	<p>At least 3 publications in scientific journals</p>	<p>Adverse effects polystyrene microplastics exert on zebrafish heart - Molecular to individual level</p> <p>Anastasia Dimitriadi, Chrisovalantis Papaefthimiou, Eleni Genizegkini, Ioannis Sampsonidis , Stavros Kalogiannis, Konstantinos Feidantsis, Dimitra C. Bobori, Georgia Kastrinaki, George Koumoundouros, Dimitra A. Lambropoulou, George Z. Kyzas, Dimitrios N. Bikiaris</p> <p>Journal of Hazardous Materials 416 125969</p> <p>2021</p> <p>10.1016/j.jhazmat.2021.125969</p>	<p>Publications in Scientific Journals</p>	<p>7: Exploitation and dissemination of results</p>	<p>EHΦ</p>	<p>18</p>
<p>13 (24b)</p>	<p>At least 3 publications in scientific journals</p>	<p>Toxicity and Functional Tissue Responses of Two Freshwater Fish after Exposure to Polystyrene Microplastics</p> <p>Martha Kaloyianni, Dimitra C. Bobori, Despoina Xanthopoulou, Glykeria Malioufa, Ioannis Sampsonidis, Stavros Kalogiannis, Konstantinos Feidantsi, Georgia Kastrinaki, Anastasia Dimitriadi , George Koumoundouros, Dimitra A. Lambropoulou George Z. Kyzas and Dimitrios N. Bikiaris</p> <p>Toxics 9, 289</p> <p>2021</p> <p>doi.org/10.3390/toxics9110289</p>	<p>Publications in Scientific Journals</p>	<p>7: Exploitation and dissemination of results</p>	<p>EHΦ</p>	<p>18</p>
<p>14 (24a)</p>	<p>At least 3 publications in scientific journals</p>	<p>Thermal Stability and Decomposition Mechanism of Poly (alkylene succinate)s</p> <p>R. D. Bikiaris, N. M. Ainali, E. Christodoulou, N. Nikolaidis, D A Lambropoulou, G Z Papageorgiou</p> <p>Macromol 2, no. 1: 58-77, 2022,</p> <p>doi: https://doi.org/10.3390/macromol2010004</p>	<p>Publications in Scientific Journals</p>	<p>7: Exploitation and dissemination of results</p>	<p>AUTH</p>	<p>48</p>

<p>15 (24a)</p>	<p>At least 3 publications in scientific journals</p>	<p>Low-cost agricultural wastes (orange peels) for the synthesis and characterization of activated carbon biosorbents in the removal of pharmaceuticals in multi-component mixtures from aqueous matrices</p> <p>Neda Malesic-Eleftheriadou, Efsthathios V. Liakos, George Z. Kyzas, Dimitrios N. Bikiaris, Dimitra A. Lambropoulou</p> <p>Journal of Molecular Liquids, 368, 120795</p> <p>https://doi.org/10.1016/j.molliq.2022.120795</p>	<p>Publications in Scientific Journals</p>	<p>7: Exploitation and dissemination of results</p>	<p>AUTH</p>	<p>48</p>
<p>16 (24a)</p>	<p>At least 3 publications in scientific journals</p>	<p>Do poly(lactic acid) microplastics instigate a threat? A perception for their dynamic towards environmental pollution and toxicity</p> <p>N. M. Ainali, D. Kalaronis, E. Evgenidou, G. Z. Kyzas, D. Bobori, M. Kaloyianni, X X. Yang, D. N. Bikiaris and D. A. Lambropoulou,</p> <p>Sci. Total Environ., vol. 832, no. 155014, 2022,</p> <p>doi: https://doi.org/10.1016/j.scitotenv.2022.155014</p>	<p>Publications in Scientific Journals</p>	<p>7: Exploitation and dissemination of results</p>	<p>AUTH</p>	<p>48</p>
<p>17 (24a)</p>	<p>At least 3 publications in scientific journals</p>	<p>Microscopic techniques as means for the determination of microplastics and nanoplastics in the aquatic environment: A concise review</p> <p>D. Kalaronis, N. M. Ainali, E. Evgenidou, G. Z. Kyzas, X. Yang, D. N. Bikiaris, D. A. Lambropoulou</p> <p>Green Anal. Chem., 2022,</p> <p>doi: 10.1016/j.greeac.2022.100036</p>	<p>Publications in Scientific Journals</p>	<p>7: Exploitation and dissemination of results</p>	<p>AUTH</p>	<p>48</p>
<p>18 (24b)</p>	<p>At least 3 publications in scientific journals</p>	<p>Arsenic(III) and Arsenic(V) Removal from Water Sources by Molecularly Imprinted Polymers (MIPs): A Mini Review of Recent Developments</p> <p>Athanasia K. Tolkou , George Z. Kyzas and Ioannis A. Katsoyiannis</p> <p>Sustainability 14, 5222</p> <p>2022</p> <p>doi.org/10.3390/su14095222</p>	<p>Publications in Scientific Journals</p>	<p>7: Exploitation and dissemination of results</p>	<p>HEPHAESTUS LAB</p>	<p>48</p>

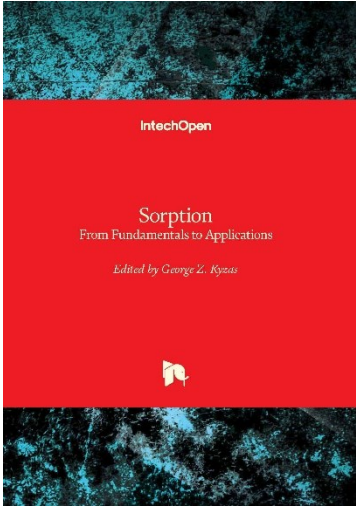

<p>19 (24c)</p>	<p>At least 3 publications in scientific journals</p>	<p>Exploring patterns of antibiotics during and after COVID-19 pandemic in wastewaters of northern Greece: Potential adverse effects on aquatic environment</p> <p>Styliani Petromelidou , Kyriaki Anagnostopoulou , Lelouda-Athanasia Koronaίου , Dimitrios Kalaronis, Nina Maria Ainali, Eleni Evgenidou, Matthildi Papageorgiou , Aikaterini Christodoulou , Ioannis Lioumbas , George Z. Kyzas, Athanasios Mitropoulos, Dimitrios N. Bikiaris, Dimitra A. Lambropoulou</p> <p>Sci. Total Environ, vol. 914, 169832 2023 doi.org/10.1016/j.scitotenv.2023.169832</p>	<p>Publications in Scientific Journals</p>	<p>7: Exploitation and dissemination of results</p>	<p>EYATH</p>	<p>48</p>
<p>20 (24b)</p>	<p>At least 3 publications in scientific journals</p>	<p>Fate and Removal of Microplastics from IndustrialWastewaters</p> <p>Despina A. Gkika, Athanasia K. Tolkou, Eleni Evgenidou, Dimitrios N. Bikiaris, Dimitra A. Lambropoulou, Athanasios C. Mitropoulos, Ioannis K. Kalavrouziotis and George Z. Kyzas</p> <p>Sustainability, 15, 6969. 2023 doi.org/10.3390/su15086969</p>	<p>Publications in Scientific Journals</p>	<p>7: Exploitation and dissemination of results</p>	<p>HEPHAESTUS LAB</p>	<p>48</p>
<p>21 (24b)</p>	<p>At least 3 publications in scientific journals</p>	<p>Application of molecularly imprinted polymers (MIPs) as environmental separation tools</p> <p>Despina A. Gkika, Athanasia K. Tolkou, Dimitra A. Lambropoulou, Dimitrios N. Bikiaris, Petros Kokkinos, Ioannis K. Kalavrouziotis, George Z. Kyzas</p> <p>RSC Applied Polymers DOI: 10.1039/d3lp00203a</p>	<p>Publications in Scientific Journals</p>	<p>7: Exploitation and dissemination of results</p>	<p>HEPHAESTUS LAB</p>	<p>48</p>
<p>22 (24a)</p>	<p>At least 3 publications in scientific journals</p>	<p>A Thorough Inspection of the Physicochemical Alterations on UV Aged Polymers to Microplastics Formation: Multi-tiered Study of Polyesters and Polyamide</p> <p>Nina-Maria Ainali, Dimitris Bikiaris, Dimitra A. Lambropoulou</p>	<p>Publications in Scientific Journals</p>	<p>7: Exploitation and dissemination of results</p>	<p>AUTH</p>	<p>48</p>

Book Chapters

(26)	At least 3 chapters in books	<p>E. Ioannidou, G.Z. Kyzas*, “Nanotitanium photocatalytic technology in wastewater treatment”, In: M.P. Shah, (Ed.), “The future of effluent treatment plants: Biological treatment systems”, Chapter 35, pp. 739-757, Elsevier, ISBN 978-012-82-2956-9, London, UK, 2021.</p> 	Book Chapter	7: Exploitation and dissemination of results	HEPHAESTUS LAB	36
------	------------------------------	--	--------------	--	----------------	----

<p>(26)</p>	<p>At least 3 chapters in books</p>	<p>D. Gkika*, N. Vordos, A.C. Mitropoulos, D.A. Lambropoulou, G.Z. Kyzas, “Nanomaterials and their properties: Thermal analysis, physical, mechanical and chemical properties”, In: M.P. Shah, (Ed.), “Advanced and innovative approaches of environmental biotechnology in industrial wastewater treatment”, Chapter 14, pp. 301-331, Springer, ISBN 978-981-99-2597-1, Singapore, 2023.</p> 	<p>Book Chapter</p>	<p>7: Exploitation and dissemination of results</p>	<p>HEPHAESTUS LAB</p>	<p>36</p>
-------------	-------------------------------------	--	---------------------	---	-----------------------	-----------

(26)	At least 3 chapters in books	<p>D. Gkika*, N. Vordos, A.C. Mitropoulos, D.N. Bikiaris, D.A. Lambropoulou, G.Z. Kyzas*, "Removal of drug compounds from wastewaters by modified chitosan-based adsorbents", In: M.P. Shah, (Ed.), "Environmental Approach to Remediate Refractory Pollutants from Industrial Wastewater Treatment Plant", Chapter 2, Elsevier, 2024.</p> 	Book Chapter	7: Exploitation and dissemination of results	HEPHAESTUS LAB	36
Edited Book						

<p>1</p>	<p>At least 1 Edited Book</p>	<p>G.Z. Kyzas* (Ed.), “Sorption - From Fundamentals to Applications”, 6 Chapters, pp. 1-151, InTech - open science, ISBN 978-1-80355-970-4, Rijeka, Croatia, 2022 (doi: 10.5772/intechopen.98007).</p> 	<p>Patent</p>	<p>7: Exploitation and dissemination of results</p>	<p>HEPHAESTUS LAB</p>	<p>36</p>
<p>1</p>	<p>At least 1 submitted patent</p>	<p>G.Z. Kyzas, A.C. Mitropoulos, E. Evgenidou, D.N. Bikiaris, D.A. Lambropoulou, “Production of photocatalytic material TiO₂/Graphene oxide derived from coconut shells and potato peels”, Industrial Property Organization of Greece, Ref. No 20230100953.</p> 	<p>Other</p>	<p>7: Exploitation and dissemination of results</p>	<p>HEPHAESTUS LAB</p>	<p>36</p>