

ΑΝΑΛΥΤΙΚΟ ΒΙΟΓΡΑΦΙΚΟ ΣΗΜΕΙΩΜΑ

ΠΡΟΣΩΠΙΚΑ ΣΤΟΙΧΕΙΑ

Όνοματεπώνυμο : Αθανάσιος Σ. Στασινάκης
Ημερομηνία Γεννήσεως : 11/11/1975
Τόπος Γεννήσεως : Καλαμάτα
Διεύθυνση εργασίας : Τμήμα Περιβάλλοντος,
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1. ΣΠΟΥΔΕΣ

- 2020** Εκπαιδευτική άδεια στο Τμήμα Χημικών Μηχανικών, Τεχνολογικό Ίδρυμα Κύπρου, Κύπρος
2015 Εκπαιδευτική άδεια στο Department of Environmental Engineering, Denmark Technical University, Denmark
2012 Εκπαιδευτική άδεια στο Process Engineering Department, Swiss Federal Institute of Aquatic Research, Eawag/ETH, Switzerland
2004 - 2005 Μεταδιδακτορικός ερευνητής στο Εργαστήριο Ποιότητας Υδάτων και Αέρα του Πανεπιστημίου Αιγαίου - Πρόγραμμα Πυθαγόρας.
1997 - 2002 Διδακτορικό δίπλωμα στις Επιστήμες του Περιβάλλοντος, Πανεπιστήμιο Αιγαίου, Βαθμός "Άριστα". Υπότροφος του ΙΚΥ και του Ιδρύματος Μποδοσάκη.
1993 - 1997 Τμήμα Περιβάλλοντος, Πανεπιστήμιο Αιγαίου, Βαθμός "Άριστα 8.58/10". Υπότροφος του ΙΚΥ.

2. ΕΠΑΓΓΕΛΜΑΤΙΚΗ ΕΞΕΛΙΞΗ

- 2017 -** Μέλος ΣΕΠ, Πρόγραμμα Μεταπτυχιακών Σπουδών «Διαχείριση Αποβλήτων», Ελληνικό Ανοικτό Πανεπιστήμιο.
2016 - Μέλος ΔΕΠ στη βαθμίδα του Αναπληρωτή Καθηγητή, Τμ. Περιβάλλοντος, Πανεπιστήμιο Αιγαίου (εκλογή 6/2016 – Διορισμός 8/2016)
2013 - 2016 Μέλος ΔΕΠ στη βαθμίδα του Μόνιμου Επίκουρου Καθηγητή, Τμ. Περιβάλλοντος, Πανεπιστήμιο Αιγαίου (εκλογή 6/2013 – Διορισμός 6/2013)
2009 - 2013 Μέλος ΔΕΠ στη βαθμίδα του Επίκουρου Καθηγητή, Τμ. Περιβάλλοντος, Πανεπιστήμιο Αιγαίου (εκλογή 10/2009 – Διορισμός 1/2010)
2008 - 2010 Μέλος ΣΕΠ, Πρόγραμμα Μεταπτυχιακών Σπουδών «Διαχείριση Αποβλήτων», Ελληνικό Ανοικτό Πανεπιστήμιο.
2005 - 2009 Μέλος ΔΕΠ στη βαθμίδα του Λέκτορα, Τμ. Περιβάλλοντος, Πανεπιστήμιο Αιγαίου (εκλογή 12/2004 – Διορισμός 9/2005).
2004 - 2005 Μεταδιδακτορικός ερευνητής στο Εργ. Ποιότητας Υδάτων και Αέρα, Τμ. Περιβάλλοντος, Πανεπιστήμιο Αιγαίου.
2003 - 2005 Διδάσκων επί συβάσει ΠΔ 407/80 στη βαθμίδα του Λέκτορα, Τμ. Περιβάλλοντος, Πανεπιστήμιο Αιγαίου.
2000 - 2003 Ιδιωτικό γραφείο περιβαλλοντικών μελετών

3. ΕΚΠΑΙΔΕΥΤΙΚΗ ΔΡΑΣΤΗΡΙΟΤΗΤΑ

3.1. Διδασκαλία προπτυχιακών μαθημάτων

Τίτλος Μαθήματος	Εξάμηνο	Τμήμα /	Έτη	Μορφή διδασκαλίας
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		Πανεπιστήμιο		Αυτόνομα	Συνδιδασκαλία
Εισαγωγή στην Περιβαλλοντική Μηχανική (Υ)	3 ^ο	Περιβάλλοντος / Αιγαίου	2003 - 2020	✓	
Διαχείριση Υγρών Αποβλήτων I (KEY)	6 ^ο	Περιβάλλοντος / Αιγαίου	2005 - σήμερα	✓	
Διαχείριση Υγρών Αποβλήτων II (KEY)	7 ^ο	Περιβάλλοντος / Αιγαίου	2005 - σήμερα	✓	
Διαχείριση Στερεών και Επικίνδυνων Αποβλήτων	5 ^ο	Περιβάλλοντος / Αιγαίου	2015 - 2017		✓
Μέθοδοι Έρευνας στην Περιβαλλοντική Μηχανική	6 ^ο	Περιβάλλοντος / Αιγαίου	2015 - σήμερα	✓	

3.2. Διδασκαλία μεταπτυχιακών μαθημάτων

Τίτλος Μαθήματος	Μεταπτυχιακό Πρόγραμμα	Εξάμηνο	Τμήμα / Πανεπιστήμιο	Έτη	Μορφή διδασκαλίας	
					Αυτόνομα	Συν-διδασκαλία
Σχεδιασμός Μονάδων Επεξεργασίας Υγρών Αποβλήτων	Οικολογική Μηχανική και Κλιματική Αλλαγή	B	Περιβάλλοντος / Αιγαίου	2003 - σήμερα	✓	
Οικοτοξικολογία	Οικολογική Μηχανική και Κλιματική Αλλαγή	A	Περιβάλλοντος / Αιγαίου	2013 - 2014	✓	
Διαχείριση Στερεών Αποβλήτων	Οικολογική Μηχανική και Κλιματική Αλλαγή	B	Περιβάλλοντος / Αιγαίου	2013 - 2017	✓	
Διαχείριση Πόρων και Αποβλήτων	Περιβαλλοντική Πολιτική και Διαχείριση	A	Περιβάλλοντος / Αιγαίου	2006 - 2009		✓
Special Topics in Environmental Engineering and Science	Environmental Science	A	Περιβάλλοντος / Αιγαίου	2015- σήμερα		✓
Aquatic Pollution and Wastewater Management	MESPOM	B	Περιβάλλοντος / Αιγαίου	2018- σήμερα		✓
Φυσικό Περιβάλλον και Ρύπανση (ΔΙΑ50)	Διαχείριση Αποβλήτων	1 ^ο έτος	Ελληνικό Ανοικτό Πανεπιστήμιο	2008 - 2009	✓	
Διαχείριση Υγρών Αποβλήτων (ΔΙΑ60)	Διαχείριση Αποβλήτων	2 ^ο έτος	Ελληνικό Ανοικτό Πανεπιστήμιο	2017- 2018	✓	

3.3. Διδασκαλία μαθημάτων σε προγράμματα Δια Βίου Μάθησης

Τίτλος Μαθήματος	Πρόγραμμα	Τμήμα / Πανεπιστήμιο	Έτη	Ωρες διδασκαλίας	
				Θεωρία	Εργαστήριο
Απόβλητα - Επεξεργασία και Αξιοποίηση	Περιβαλλοντική Διαχείριση - Σύγχρονα Εργαλεία	Περιβάλλοντος / Αιγαίου	2015	10	5

4. ΕΡΕΥΝΗΤΙΚΗ ΔΡΑΣΤΗΡΙΟΤΗΤΑ

4.1. Ερευνητικά ενδιαφέροντα

Εφαρμογή και βελτιστοποίηση μεθόδων για την επεξεργασία και αξιοποίηση των αποβλήτων που προκύπτουν από αστικές και βιομηχανικές δραστηριότητες. Μελέτη συμπεριφοράς ανόργανων και οργανικών μικρορύπων κατά την επεξεργασία και διάθεση των υγρών αποβλήτων.

Επιμέρους ερευνητικές δραστηριότητες που συνεισφέρουν στα παραπάνω:

(1) Εφαρμογή βιολογικών και φυσικοχημικών μεθόδων για την επεξεργασία αστικών λυμάτων και βιομηχανικών υγρών αποβλήτων

Σχεδιασμός και λειτουργία βιοαντιδραστήρων εργαστηριακής κλίμακας για την επεξεργασία αστικών λυμάτων, ιλύος και αγροτοβιομηχανικών αποβλήτων.

(2) Αξιοποίηση υγρών αποβλήτων και ανάκτηση ουσιών από αυτά

Χρήση υδροχαρών φυτών και μικροφυκών για την παραγωγή βιομάζας από αστικά λύματα και αγροτοβιομηχανικά απόβλητα, ανάκτηση αντιοξειδωτικών ουσιών από αγροτοβιομηχανικά απόβλητα.

(3) Διερεύνηση της τύχης και της τοξικότητας ανόργανων και οργανικών μικρορύπων σε συστήματα επεξεργασίας υγρών αποβλήτων

Μελέτη των μηχανισμών της προσρόφησης και της βιομετατροπής στην απομάκρυνση συνθετικών οργανικών ενώσεων και χημικών μορφών μετάλλων, μελέτη της τοξικότητάς τους σε μικτές καλλιέργειες και μεμονωμένα βακτήρια.

(4) Παρακολούθηση των συγκεντρώσεων ανόργανων και οργανικών μικρορύπων σε περιβαλλοντικά δείγματα και εκτίμηση περιβαλλοντικού κινδύνου

Μελέτη της παρουσίας τοξικών ρυπαντών σε συστήματα επεξεργασίας υγρών αποβλήτων και σε λοιπά περιβαλλοντικά δείγματα, εκτίμηση επικινδυνότητας από τη διάθεση και επαναχρησιμοποίηση επεξεργασμένων αποβλήτων.

(5) Ανάπτυξη αξιόπιστης και ευαίσθητης αναλυτικής μεθοδολογίας για τον προσδιορισμό ανόργανων και οργανικών μικρορύπων σε δείγματα αποβλήτων και λασπών

Ανάπτυξη και εφαρμογή μεθόδων για τον προσδιορισμό οργανικών μικρορύπων με αέρια/υγρή χρωματογραφία με φασματομετρία μαζών. Ανάπτυξη μεθόδων για τον προσδιορισμό χημικών μορφών μετάλλων με φασματομετρία ατομικής απορρόφησης.

4.2. Ερευνητικά προγράμματα – Χρηματοδότηση

α/α	Τίτλος	Φορέας Χρημ/σης	Διάρκεια	Μορφή Συμμετοχής
27	AGRICIA II – Δίκτυο αριστείας στην αγροδιατροφική έρευνα και καινοτομία του Βορείου Αιγαίου	Περιφερειακή Αριστεία - ΕΠΑΝΕΚ 2014-2020	2021-2023	Επιστημ. Συνεργάτης
26	Κέντρο Βιώσιμης Κυκλικής Βιοοικονομίας και Ενέργειας, Aegean_BIOECONOMY	Περιφερειακή Αριστεία - ΕΠΑΝΕΚ 2014-2020	2021-2023	Επιστημ. Συνεργάτης
25	Επιτόπια Ολοκληρωμένη Διαχείριση Νοσοκομειακών Υγρών Αποβλήτων, ΔΙΑΝΥΑ	ΕΠΑΝΕΚ 2014-2020	2020-2022	Επιστημ. Υπεύθυνος
24	Μικροπλαστικά σε Μονάδες Επεξεργασίας Αστικών Υγρών Αποβλήτων: παρουσία και συμπεριφορά	ΕΚΤ-ΕΣΠΑ 2014-2020	2020-2021	Επιστημ. Υπεύθυνος
23	Παροχή υπηρεσιών υποστήριξης, καταγραφής και αξιολόγησης ενεργειών και διαδικασιών ΧΥΤΑ	ΔΙΑΝΟΧ Α.Ε.	2019-2021	Επιστημ. Υπεύθυνος
22	Ανάπτυξη καινοτόμων επιχειρηματικών συστημάτων για την ανάκτηση νερού στην περιοχή της Μεσογείου, HYDROUSA	ΕΥ Programmes 2014-2020, Horizon 2020	2019-2022	Επιστημ. Υπεύθυνος ομάδας Παν. Αιγαίου
21	Foodomics-GR - Ερευνητική Υποδομή για Ενδεδειγμένο Μοριακό Χαρακτηρισμό Τροφίμων	ΓΓΕΤ	2019-2021	Επιστημ. Υπεύθυνος ομάδας Παν. Αιγαίου
20	Ερευνητικές υποδομές για την ανάπτυξη καινοτόμων προϊόντων ελιάς και αμπέλου στην Περιφέρεια Βορείου Αιγαίου: RI-Food-Aegean	Περιφέρεια Βορείου Αιγαίου	2018-2021	Επιστημ. Υπεύθυνος
19	Environmental assessment of the use of restored Solid Waste Dump	UNHCR	2016-2017	Επιστημ. Υπεύθυνος

	(HADA) in Chios as shelter facility			
18	Μελέτη βιοδιασπασιμότητας και τοξικότητας συνθετικής οργανικής ουσίας με χρήση πρωτοκόλλων του OECD	ΒΙΟΡΥΛ Α.Ε.	2015-2016	Επιστημ. Υπεύθυνος
17	ΘΑΛΗΣ «Διερεύνηση της τύχης οργανικών μικρορυπαντών κατά την επεξεργασία των υγρών αποβλήτων και μελέτη της συμπεριφοράς τους κατά τη διάθεση επεξεργασμένων αποβλήτων στο υδατικό περιβάλλον»	Υπουργείο Παιδείας	2012-2015	Επιστημ. Υπεύθυνος
16	ΑΡΙΣΤΕΙΑ «Προϊόντα μετατροπής αναδύομενων ρύπων στο υδατικό περιβάλλον	ΓΓΕΤ	2014-2015	Επιστημ. Συνεργάτης Επιστημ. Υπεύθυνος; Ν. Θωμαΐδης (Παν. Αθηνών)
15	ΘΑΛΗΣ «Ενσωμάτωση της βιωσιμότητας στη συμμετοχική λήψη αποφάσεων»	Υπουργείο Παιδείας	2012-2015	Επιστημ. Συνεργάτης Επιστημ. Υπεύθυνος; Κ. Χαλβαδάκης (Παν. Αιγαίου)
14	ΚΑΙΝΟΤΟΜΙΑ «Μεταφορά τεχνολογίας – Ανάπτυξη παραμετροποιημένου μοντέλου σχεδιασμού και ελέγχου λειτουργίας Μονάδων Επεξεργασίας Λυμάτων διαφορετικής δυναμικότητας»	Υπουργείο Ανάπτυξης – ΜμΕ	2012-2013	Επιστημ. Υπεύθυνος
13	Ηράκλειτος II «Διερεύνηση συμπεριφοράς υπερφθοριωμένων ενώσεων κατά την επεξεργασία των υγρών αποβλήτων»	Υπουργείο Παιδείας	2010-2013	Επιστημ. Υπεύθυνος
12	Διερεύνηση της δυνατότητας μείωσης του κόστους λειτουργίας του ΚΕΛ Ψυττάλειας	ΕΥΔΑΠ	2010-2011	Επιστημ. Συνεργάτης Επιστημ. Υπεύθυνος; Δ. Μαμάης (ΕΜΠ)
11	Διερεύνηση της παρουσίας αναδύομενων ρύπων προτεραιότητας (emerging contaminants) στα υγρά απόβλητα του ΚΕΛ Ψυττάλειας – Εκτίμηση επικινδυνότητας για την ασφαλή επαναχρησιμοποίηση και διάθεση των επεξεργασμένων υγρών αποβλήτων	ΕΥΔΑΠ	2010-2011	Επιστημ. Συνεργάτης Επιστημ. Υπεύθυνος; Ν. Θωμαΐδης (Παν. Αθηνών)
10	Κουπόνια Καινοτομίας για Μικρομεσαίες Επιχειρήσεις: Δημιουργία/Ανάπτυξη παραμετροποιημένου μοντέλου σχεδιασμού εγκαταστάσεων επεξεργασίας υγρών αποβλήτων	ΓΓΕΤ	2010	Επιστημ. Υπεύθυνος
9	Ενίσχυση υφιστάμενης υποδομής του Εργαστηρίου Ποιότητας Υδάτων και Αέρα του Τμήματος Περιβάλλοντος του Πανεπιστημίου Αιγαίου για την παροχή υπηρεσιών περιβαλλοντικών δοκιμών και για τη διαπίστευσή του	Υπουργείο Ανάπτυξης	2004-2010	Επιστημ. Συνεργάτης Επιστημ. Υπεύθυνος; Θ. Λέκκας (Παν. Αιγαίου)
8	ΠΥΘΑΓΟΡΑΣ I: Διερεύνηση τοξικότητας και βιοαποδόμησης	ΕΠΕΑΕΚ – Υπ. Παιδείας	2004-2006	Μεταδιδακτορικός ερευνητής

	συνθετικών οργανικών ενώσεων που προκαλούν ορμονικές διαταραχές (endocrine disruptors), σε συστήματα επεξεργασίας υγρών αποβλήτων με τη μέθοδο της ενεργού ιλύος			Επιστημ. Υπεύθυνος: Θ. Λέκκας (Παν. Αιγαίου)
7	Προσδιορισμός και έρευνα για την ελαχιστοποίηση των τριαλογονοπαραγώγων του μεθανίου (THMs) στο πόσιμο νερό της Αθήνας	ΕΥΔΑΠ	2005	Επιστημ. Συνεργάτης Επιστημ. Υπεύθυνος: Θ. Λέκκας (Παν. Αιγαίου)
6	ΝΑΙΑΣ (North Aegean Innovative Actions): Πρόγραμμα κοινοτικών δράσεων Β. Αιγαίου - Δράση 7.6: Καινοτόμα συστήματα διαχείρισης αποβλήτων ελαιουργείων	Περιφέρεια Βορείου Αιγαίου	2002-2003	Επιστημ. Συνεργάτης Επιστημ. Υπεύθυνος: Κ. Χαλβαδάκης (Παν. Αιγαίου)
5	Νέα επιχειρηματικότητα για το Βόρειο Αιγαίο – προοπτική ζωής	Υπουργείο Εργασίας	2002-2003	Επιστημ. Συνεργάτης Επιστημ. Υπεύθυνος: Θ. Λέκκας (Παν. Αιγαίου)
4	Παρακολούθηση και αξιολόγηση της ποιότητας των Επιφανειακών Αποδεκτών της Ελλάδας αναφορικά με τις ουσίες του Καταλόγου ΙΙ, υποψηφίων του Καταλόγου Ι, της 76/464 ΕΟΚ Οδηγίας	ΥΠΕΧΩΔΕ	1999-2002	Επιστημ. Συνεργάτης Επιστημ. Υπεύθυνος: Θ. Λέκκας (Παν. Αιγαίου)
3	Ποιότητα πόσιμων και υπόγειων υδάτων Δήμου Γέρας	Δ. Γέρας Λέσβου	1999-2001	Επιστημ. Συνεργάτης Επιστημ. Υπεύθυνος: Ν. Θωμαΐδης (Παν. Αιγαίου)
2	Διερεύνηση της ύπαρξης βαρέων μετάλλων (Hg, Cd, Cr, Ni, As, Cu, Zn, Ba, V) και πτητικών οργανικών ενώσεων στο πόσιμο νερό στην πόλη της Μυτιλήνης	Δ. Μυτιλήνης	1999 - 2000	Επιστημ. Συνεργάτης Επιστημ. Υπεύθυνος: Ν. Θωμαΐδης (Παν. Αιγαίου)
1	Παρακολούθηση της ποιότητας επιφανειακών αποδεκτών της Β. Ελλάδας σχετικά με τις ουσίες του Καταλόγου Ι της 76/464/ΕΟΚ Οδηγίας	ΥΠΕΧΩΔΕ	1998 - 2001	Επιστημ. Συνεργάτης Επιστημ. Υπεύθυνος: Θ. Λέκκας (Παν. Αιγαίου)

4.3. Ερευνητική συνεργασία με εργαστήρια:

- Εργαστήριο Αναλυτικής Χημείας, Τμ. Χημείας, Παν. Αθηνών (Καθηγητής Νικόλαος Θωμαΐδης)
- Εργαστήριο Υγειονομικής Τεχνολογίας, Τμ. Πολιτικών Μηχανικών, ΕΜΠ (Καθηγητής Δανιήλ Μαμάης)
- Urban water engineering group, Department of Environmental Engineering, Technical University of Denmark (Ass. Prof. Henrik Rasmus Andersen)
- Residual resource engineering group, Department of Environmental Engineering, Technical University of Denmark (Prof. Irimi Angelidaki)
- Τμήμα Χημικών Μηχανικών, Τεχνολογικό Πανεπιστήμιο Κύπρου (Επίκουρος Καθηγητής Ιωάννης Βυρίδης)
- Wadsworth Center, School of Public Health, State University of New York at Albany, New York, USA (Prof. Kurunthachalam Kannan)
- Toxicological Centre, University of Antwerp, Belgium (Prof. Adrian Covaci)

4.4. Υποτροφίες – Διακρίσεις:

- Κατάταξη στο άνω 0.3% των επιστημόνων παγκοσμίως στο πεδίο της Περιβαλλοντικής Επιστήμης σύμφωνα με το άρθρο *Updated science-wide author databases of standardized citation indicators* που δημοσιεύτηκε στο PLOS BIOLOGY το 2020 (<https://doi.org/10.1371/journal.pbio.3000918>)
- Article in the list of the "TOP 25 Hottest Articles" for 2013-2015 - Waste Management
- Highly cited author award 2007-2009 - Journal of Chromatography A
- Fellowship - 1st European Bioremediation Conference, Chania, Greece (2001)
- Εθνικό Ίδρυμα Κρατικών Υποτροφιών - για διδακτορικές σπουδές (1998-2002)
- Ίδρυμα Μποδοσάκη - για διδακτορικές σπουδές (1998)
- Εθνικό Ίδρυμα Κρατικών Υποτροφιών - για προπτυχιακές σπουδές (1994-1995)

5. ΑΚΑΔΗΜΑΪΚΗ ΔΡΑΣΤΗΡΙΟΤΗΤΑ και ΛΟΙΠΕΣ ΕΠΙΣΤΗΜΟΝΙΚΕΣ ΔΡΑΣΤΗΡΙΟΤΗΤΕΣ

5.1. Αναπληρωτής Πρόεδρος του Τμ. Περιβάλλοντος, Παν. Αιγαίου (01.09.2018 – 30.8.2020)

5.2. Διευθυντής Εργαστηρίου Ποιότητας Υδάτων και Αέρα του Τμ. Περιβάλλοντος, Παν. Αιγαίου (2016 – σήμερα)

5.3. Διευθυντής Π.Μ.Σ Οικολογική Μηχανική και Κλιματική Αλλαγή του Τμ. Περιβάλλοντος, Παν. Αιγαίου (2017 – 2018, 2019 - 2020)

5.4. Μέλος της Μονάδας Διασφάλισης Ποιότητας (ΜΟΔΙΠ) του Παν. Αιγαίου (2018 - σήμερα)

5.5. Μέλος της Επιτροπής Σπουδών του Τμ. Περιβάλλοντος, Παν. Αιγαίου (2005 - 2014)

5.6. Τμηματικός υπεύθυνος για ανταλλαγές ERASMUS/SOCRATES (2006 - 2019)

5.7. Μέλος Ιδρυματικής Επιτροπής Στρατηγικής Erasmus+ του Παν. Αιγαίου (2015 - 2018)

5.8 Member of the Management Committee in COST Action ES1307 - Sewage biomarker analysis for community health assessment (2014-2017)

5.9. Κριτής ερευνητικών προγραμμάτων Israel Science Foundation (2008), Γενική Γραμματεία Έρευνας και Τεχνολογίας (2010, 2011, 2013, 2014, 2017, 2018), Czech Science Foundation (2010), Romanian National Council for Development and Innovation (2011, 2013, 2014, 2015, 2016, 2019, 2020), Portuguese Foundation for Science and Technology (2016), The Netherlands Organization for Scientific Research, NOW (2016), Israel Ministry of Science, Technology and Space (2017), National Science Centre Poland (2017), Research Foundation Flanders (2017), Natural Environment Research Council UK (2018)

5.10. Guest Editor σε διεθνή επιστημονικά περιοδικά

a. Journal of Hazardous Materials: Special Issue on Occurrence and fate of emerging contaminants in municipal wastewater treatment systems, vol. 239-240, 15.11.12.

b. Chemosphere: Special Issue on Emerging Contaminants, vol 119, January 2015.

c. Journal of Hazardous Materials: Special Issue on emerging contaminants in engineered and natural environment, vol. 323 Part A, 05.12.17.

5.11. Associate Editor σε διεθνή επιστημονικά περιοδικά

a. Global Nest Journal

b. Aegean Journal of Environmental Sciences

5.12. Member of the editorial board σε διεθνή επιστημονικά περιοδικά

a. Science of the Total Environment

b. Environmental Chemistry and Ecotoxicology

c. Chemosphere

5.13. Κριτής άρθρων σε διεθνή επιστημονικά περιοδικά Journal of Hazardous Materials, Science of the Total Environment, Water Research, Chemosphere, Environmental Science and Technology, Journal of Environmental Management, Journal of Chemical Technology and Biotechnology, Bioresource Technology, Environment International, Chemical Engineering Journal, Waste Management, Journal of Cleaner Production, Water Science and Technology, Environmental Technology

5.14. Διοργάνωση συνεδρίων

1. Μέλος της επιστημονικής επιτροπής διεθνούς συνεδρίου «16th Conference on Environmental Science and Technology – 2019», Ρόδος, 4-7 Σεπτεμβρίου 2019.

2. Μέλος της επιστημονικής επιτροπής διεθνούς συμποσίου «International Symposium on Constructed Wetlands & Small Decentralized Wastewater Treatment Plants», Πάτρα, 29-31 Αυγούστου 2019.
3. Μέλος της επιστημονικής επιτροπής διεθνούς συνεδρίου «15th Conference on Environmental Science and Technology – 2017», Ρόδος, 31 Αυγούστου - 2 Σεπτεμβρίου 2017.
4. Μέλος της επιστημονικής επιτροπής διεθνούς συνεδρίου «14th Conference on Environmental Science and Technology – 2015», Ρόδος, 3-5 Σεπτεμβρίου 2015.
5. Μέλος της επιστημονικής επιτροπής διεθνούς συνεδρίου «13th Conference on Environmental Science and Technology – 2013», Αθήνα, 5-7 Σεπτεμβρίου 2013.
6. Μέλος της επιστημονικής επιτροπής διεθνούς συνεδρίου «13th Conference on Environmental Science and Technology – 2013», Αθήνα, 5-7 Σεπτεμβρίου 2013.
7. Μέλος της επιστημονικής επιτροπής διεθνούς συνεδρίου «12th Conference on Environmental Science and Technology – 2011», Ρόδος, 8-10 Σεπτεμβρίου 2011.
8. Μέλος της επιστημονικής επιτροπής διεθνούς συνεδρίου «11th Conference on Environmental Science and Technology – 2009», Χανιά, 3-5 Σεπτεμβρίου 2009.
9. Μέλος της επιστημονικής επιτροπής διεθνούς συνεδρίου «10th Conference on Environmental Science and Technology – 2007», Κως, 5-8 Σεπτεμβρίου 2007.

5.15. Μέλος επιστημονικών ενώσεων

- Μέλος της International Water Association (IWA, 2007 - 2016).
- Μέλος της Society of Environmental Toxicology and Chemistry (SETAC, 2006, 2010)
- Μέλος του Global Network of Environmental Science and Technology (G-NEST, 2002-σήμερα)
- European Federation of Biotechnology (EFB, 2012 - σήμερα)
- Hellenic Water Association (HWA, 2012 - 2016)

6. ΕΠΙΒΛΕΨΗ ΔΙΔΑΚΤΟΡΙΚΩΝ ΔΙΑΤΡΙΒΩΝ ΚΑΙ ΣΥΜΜΕΤΟΧΗ ΣΕ ΕΠΙΤΡΟΠΕΣ ΑΞΙΟΛΟΓΗΣΗΣ ΤΟΥΣ

6.1. Επίβλεψη διδακτορικών διατριβών

- Samaras V. (2013) Development of analytical methods for the simultaneous determination of pharmaceuticals and endocrine disruptive compounds and study of their fate during wastewater treatment and sludge anaerobic digestion. Department of Environment, University of the Aegean.
- Arvaniti O. (2014) Occurrence and fate of perfluorinated compounds (PFCs) in wastewater treatment. Department of Environment, University of the Aegean.
- Mazioti A. I. (2015) Investigation on the fate of benzotriazoles and benzothiazoles during biological wastewater treatment. Department of Environment, University of the Aegean.
- Thomaidi V.S. (2017) Environmental risk assessment associated with the occurrence of emerging organic micropollutants in Sewage Treatment Plants. Department of Environment, University of the Aegean.
- Iatrou E. (2021) Study on the fate of antimicrobial compounds in *Lemna minor* constructed wetland systems and investigation of the characteristics of the produced biomass. Department of Environment, University of the Aegean.

6.2. Συμμετοχή σε επιτροπές εξέτασης διδακτορικών διατριβών

- Stefanis A.N, (2008) Marine aerosol dry deposition effect on the building stones of monuments. Department of Environment, University of the Aegean.
- Haralambidis P. (2008) Atmosphere Quality and Sky Colour: Observer Allusion Approach in Sky Colour Changes with a Digital Camera Use. Department of Environment, University of the Aegean.
- Koulousaris M. (2009) Atmospheric transport and deposition of heavy metals in the Northern Aegean. Department of Environment, University of the Aegean.
- Marneri M. (2010) Development and application of the molecular technique FISH in order to quantify and investigate the activity of the filamentous bacteria in wastewater treatment plants with nutrient removal. School of Civil Engineering, National Technical University of Athens.
- Samios S. (2011) Chlorination by-products levels prediction in Athens water supply and sewerage company network: haloacetamides detection and levels. Department of Environment, University of the Aegean.

- Tegou L.I. (2011) Spatial modeling of distributed generation with renewable energy sources in an autonomous electricity grid. Department of Environment, University of the Aegean.
- Bletsou A. (2015) Development of mass spectrometric methods for the determination of emerging pollutants in wastewater. Department of Chemistry, National and Kapodistrian University of Athens.
- Zkeri I. (2016) Arsenic in groundwater from Lesbos island: chemical species, hydrogeological conditions, physicochemical parameters. Department of Environment, University of the Aegean.
- Chhetri R.V. (2017) Chemical Disinfection of Combined Sewer Overflows. Department of Environmental Engineering, Technical University of Denmark.
- Psoma A. (2018) Development of non-target screening workflows for the identification of biotransformation products of emerging pollutants in wastewater by mass spectrometric techniques. Department of Chemistry, National and Kapodistrian University of Athens.
- Koumaki E. (2018) Fate of organic micropollutants during wastewater disinfection and wastewater discharge to the aquatic environment. School of Civil Engineering, National Technical University of Athens.
- Tang K. (2018) Removal of pharmaceuticals from hospital wastewater by staged biofilm and ozone polishing. Department of Environmental Engineering, Technical University of Denmark.
- Οφρυδοπούλου Α. (2021) Προσδιορισμός, τύχη, απομάκρυνση και μελέτη περιβαλλοντικής επικινδυνότητας επιλεγμένων αναδυόμενων ρύπων στο περιβάλλον. Τμήμα Χημείας, Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης.

7. ΔΗΜΟΣΙΕΥΜΕΝΟ ΕΡΕΥΝΗΤΙΚΟ ΕΡΓΟ ΚΑΙ ΑΝΑΓΝΩΡΙΣΗ ΕΠΙΣΤΗΜΟΝΙΚΟΥ ΕΡΓΟΥ

Αριθμός ετεροαναφορών (Scopus, 25.08.2021): 4400
H-index (Scopus, 25.08.2021): 36

Διδακτορική διατριβή

“Διερεύνηση τοξικότητας και μελέτη συμπεριφοράς χημικών μορφών μετάλλων σε συστήματα ενεργού ιλύος με έμφαση στο χρώμιο” (196 σελίδες, 225 βιβλιογραφικές αναφορές).

Κεφάλαια σε Ξενόγλωσσα Βιβλία

- K2 “Existence of organic micropollutants in the environment due to wastewater reuse and biosolids application” by A.S. Stasinakis in *Kalavrouziotis I.K. (2017) Wastewater and Biosolids Management. IWA Publishing, London, UK* (ISBN13: 9781780408224).
- K1 “Micropollutants and aquatic environment” by A.S. Stasinakis and G. Gatidou in *Virkutyte J., Varma R.S., Jegatheesan V. (2010) Treatment of micropollutants in water and wastewater. IWA Publishing, London, UK* (ISBN13:9781843393160).

Επιμέλεια Μετάφρασης Βιβλίου

- M1 “Εισαγωγή στην Περιβαλλοντική Μηχανική και Επιστήμη” (2018) Χριστόδουλος Πηλίνης και Αθανάσιος Στασινάκης, Εκδόσεις Κλειδάριθμος, (ISBN: 9789604618521).

ΔΗΜΟΣΙΕΥΣΕΙΣ ΣΕ ΔΙΕΘΝΗ ΠΕΡΙΟΔΙΚΑ ΜΕ ΚΡΙΤΕΣ ΠΟΥ ΠΕΡΙΛΑΜΒΑΝΟΝΤΑΙ ΣΤΗ ΒΑΣΗ ΔΕΔΟΜΕΝΩΝ SCIENCE CITATION INDEX

- Δ78 Miralles-Marco, A., Wang, M., Park, J-S., Gatidou, G., Nika, M.C., Bialorucki, S., Kalantzi, O.I., Thomaidis, N.S., Stasinakis, A.S., Petreas, M. (2021) Exploring the integrity of targeted PFASs in extracted wastewater samples during transport and storage stages. *Chemosphere* 282, 131065.

- Δ77 Theodoridis, G., Pechlivanis, A., Thomaidis, N. S., Spyros, A., Georgiou, C.A., Albanis, T., Skoufos, I., Kalogiannis, S., Tsangaris, G.Th., Stasinakis, A.S., Konstantinou, A., Triantafyllidis, A., Gkagkavouzis, K., Kritikou, A.S., Dasenaki, M.E., Gika, H., Virgiliou, C., Kodra, D., Nenadis, N., Sampsonidis, I., Arsenos, G., Halabaki, M., Mikros, E. (2021) FoodOmicsGR_RI. A consortium for comprehensive molecular. *Metabolites* 11, 74.
- Δ76 Gatidou, G., Chatzopoulos, P., Chhetri, R.K., Kokkoli, A., Giannakopoulos, A., Andersen, H.R., Stasinakis, A.S. (2021) Ecotoxicity and biodegradation of the bacteriostatic 3,3',4',5-tetrachlorosalicylanilide (TSCA) compared to the structurally similar bactericide triclosan. *Science of the Total Environment* 769, 144960.
- Δ75 Zkeri, E., Iliopoulou, A., Katsara, A., Korda, A., Aloupi, M., Gatidou, G., Fountoulakis, M.S., Stasinakis, A.S. (2021) Comparing the use of a two-stage MBBR system with a methanogenic MBBR coupled with a microalgae reactor for medium-strength dairy wastewater treatment. *Bioresource Technology* 323, 124629.
- Δ74 Kotsia, D., Deligianni, A., Fyllas, N.M., Stasinakis, A.S., Fountoulakis, M.S. (2020) Converting treatment wetlands into "treatment gardens": Use of ornamental plants for greywater treatment. *Science of the Total Environment* 744,140889.
- Δ73 Kotoula, D., Iliopoulou, A., Irakleous-Palaiologou, E., Gatidou, G., Aloupi, M., Antonopoulou, P., Fountoulakis, M.S., Stasinakis, A.S. (2020) Municipal wastewater treatment by combining in series microalgae *Chlorella sorokiniana* and macrophyte *Lemna minor*: Preliminary results. *Journal of Cleaner Production* 271,122704.
- Δ72 Nika, M.C., Ntaiou, K., Elytis, K., Thomaidi, V.S., Gatidou, G., Kalantzi, O.I., Thomaidis, N.S., Stasinakis, A.S. (2020) Wide-scope target analysis of emerging contaminants in landfill leachates and risk assessment using Risk Quotient methodology. *Journal of Hazardous Materials* 394,122493.
- Δ71 Thomaidi, V.S., Tsahouridou, A., Matsoukas, C., Stasinakis, A.S., Petreas, M., Kalantzi, O.I. (2020) Risk assessment of PFASs in drinking water using a probabilistic risk quotient methodology. *Science of the Total Environment* 712,136485.
- Δ70 Kora, E., Theodorelou, D., Gatidou, G., Fountoulakis, M.S., Stasinakis, A.S. (2020) Removal of polar micropollutants from domestic wastewater using a methanogenic – aerobic moving bed biofilm reactor system. *Chemical Engineering Journal* 382,122983.
- Δ69 Gatidou, G., Vazaiou, N., Thomaidis, N.S., Stasinakis, A.S. (2020) Biodegradability assessment of food additives using OECD 301F respirometric test. *Chemosphere* 241,125071
- Δ68 Jones, N., Malesios, C., Aloupi, M., Proikaki, M., Tsalis, T., Hatziantoniou, M., Dimitrakopoulos, P.G., Skouloudis, A., Holtvoeth, J., Nikolaou, I., Stasinakis, A.S., Kalantzi, O.I., Gatidou, G., Zkeri, E., Koulousaris, M., Evangelinos, K.I. (2019) Exploring the role of local community perceptions in sustainability measurements. *International Journal of Sustainable Development and World Ecology*, 26, 471-483.
- Δ67 Arvaniti O.S., Samaras Y., Gatidou G., Thomaidis N.S., Stasinakis A.S. (2019) Review on fresh and dried figs: chemical analysis and occurrence of phytochemical compounds, antioxidant capacity and health effects. *Food Research International*, **119**, 244-267.
- Δ66 Gatidou G., Anastopoulou P., Aloupi M., Stasinakis A.S. (2019) Growth inhibition and fate of benzotriazoles in *Chlorella sorokiniana* cultures. *Science of the Total Environment* **663**, 580-586.
- Δ65 Katsouli A., Stasinakis A.S. (2019) Production of municipal solid waste and sewage in European refugees' camps: the case of Lesbos, Greece. *Waste Management* **86**, 49-53.
- Δ64 Gatidou G., Arvaniti O.S., Stasinakis A.S. (2019) Review on the occurrence and fate of microplastics in Sewage Treatment Plants. *Journal of Hazardous Materials*, **367**, 504-512.
- Δ63 Iatrou E.I., Kora E., Stasinakis A.S. (2019) Investigation of biomass production, crude protein and starch content in domestic wastewater treatment systems planted with *L. minor* and *L. gibba*. *Environmental Technology*, **40**, 2649-2656, DOI: 10.1080/09593330.2018.1448002.
- Δ62 Koutsou O.P., Gatidou G., Stasinakis A.S. (2018) Domestic wastewater management in Greece: greenhouse gas emissions estimation at country scale. *Journal of Cleaner Production* **188**, 851-859.
- Δ61 Vyrides I., Drakou E.M., Ioannou S., Michael F., Gatidou G., Stasinakis A. (2018) Biodegradation of bilge water: batch test under anaerobic and aerobic conditions and

- performance of three pilot Aerobic Moving Bed Biofilm Reactors (MBBRs) at different filling fractions. *Journal of Environmental Management* **217**, 356-362.
- Δ60 Thomaidi V.S., Matsoukas C., Stasinakis A.S. (2017) Risk assessment of triclosan released from sewage treatment plants in European rivers using a combination of risk quotient methodology and Monte Carlo simulation. *Science of the Total Environment* **603-604C**, 487-494.
- Δ59 Gatidou G., Oursouzidou M., Stefanatou A., Stasinakis A.S. (2017) Removal mechanisms of benzotriazoles in duckweed *Lemna minor* wastewater treatment systems. *Science of the Total Environment* **596-597**, 12-17.
- Δ58 Iatrou E.I., Gatidou G., Damalas D., Thomaidis N.S., Stasinakis A.S. (2017) Fate of antimicrobials in duckweed *Lemna minor* wastewater treatment systems. *Journal of Hazardous Materials* **330**, 116-126.
- Δ57 Mazioti A.A., Stasinakis A.S., Psoma A.K., Thomaidis N.S., Andersen H.R. (2017) Hybrid Moving Bed Biofilm Reactor for the biodegradation of benzotriazoles and hydroxyl-benzothiazole in wastewater. *Journal of Hazardous Materials* **323**, 299-310.
- Δ56 Nika M.C., Bletsou A.A., Koumaki E., Noutsopoulos C., Mamais D., Stasinakis A.S., Thomaidis N.S. (2017) Chlorination of benzothiazoles and benzotriazoles and transformation products identification by LC-HR-MS/MS. *Journal of Hazardous Materials* **323**, 400-413.
- Δ55 Gatidou G., Arvaniti O.S., Stasinakis A.S., Thomaidis N.S., Andersen H.R. (2016) Using mechanisms of hydrolysis and sorption to reduce siloxanes occurrence in biogas of anaerobic sludge digesters. *Bioresource Technology* **221**, 205-213.
- Δ54 Gatidou G., Kinyua J., van Nuijs A.L.N., Gracia-Lor E., Castiglioni S., Covaci A., Stasinakis A.S. (2016) Drugs of abuse and alcohol consumption among different groups of population on the Greek island of Lesbos through sewage-based epidemiology. *Science of the Total Environment* **563-564**, 633-640.
- Δ53 Thomaidi V.S., Stasinakis A.S., Borova V.L., Thomaidis N.S. (2016) Assessing the risk associated with the presence of emerging organic contaminants in sludge-amended soil: A country-level analysis. *Science of the Total Environment* **548-549**, 280-288.
- Δ52 Karsten Nödler, Maria Tsakiri, Maria Aloupi, Georgia Gatidou, Athanasios S. Stasinakis, Tobias Licha (2016) Evaluation of polar organic micropollutants as indicators for wastewater-related coastal water quality impairment. *Environmental Pollution* **211**, 282-290.
- Δ51 Iatrou E.I., Stasinakis A.S., Aloupi M. (2015) Cultivating duckweed *Lemna minor* in urine and treated domestic wastewater for simultaneous biomass production and removal of nutrients and antimicrobials. *Ecological Engineering* **84C**, 632-639.
- Δ50 Sklavos S., Gatidou G., Stasinakis A.S., Haralambopoulos D. (2015) Use of solar distillation for olive mill wastewater drying and recovery of phenolic compounds. *Journal of Environmental Management* **162**, 46-52.
- Δ49 Mazioti A.A., Stasinakis A.S., Pantazi Y., Andersen H.R. (2015) Biodegradation of benzotriazoles and hydroxy-benzothiazole in wastewater by activated sludge and moving bed biofilm reactor systems. *Bioresource Technology* **192**, 627-635.
- Δ48 Arvaniti O.S., Stasinakis A.S. (2015) Review on the occurrence, fate and removal of perfluorinated compounds during wastewater treatment. *Science of the Total Environment* **524-525**, 81-92.
- Δ47 Symsaris E.C., Fotidis I.A., Stasinakis A.S., Angelidaki I. (2015) Effects of triclosan, diclofenac and nonylphenol on mesophilic and thermophilic methanogenic activity and on the methanogenic communities. *Journal of Hazardous Materials* **291**, 45-51.
- Δ46 Mazioti A.A., Stasinakis A.S., Gatidou G., Thomaidis N.S., Andersen H.R. (2015) Sorption and biodegradation of selected benzotriazoles and hydroxybenzothiazole in activated sludge and estimation of their fate during wastewater treatment. *Chemosphere* **131**, 117-123.
- Δ45 Mamais D., Noutsopoulos C., Dimopoulou A., Stasinakis A., Lekkas T.D. (2015) Wastewater treatment process impact on energy savings and greenhouse gas emissions. *Water Science and Technology* **71**, 303-308.
- Δ44 Thomaidi V.S., Stasinakis A.S., Borova V.L., Thomaidis N.S. (2015) Is there a risk for the aquatic environment due to the existence of emerging organic contaminants in treated

- domestic wastewater? Greece as a case-study. *Journal of Hazardous Materials* **283**, 740-747.
- Δ43 Kotzapetros A.G., Paraskevas P., Stasinakis A.S. (2015) Design of a modern automatic control system for the activated sludge process in wastewater treatment. *Chinese Journal of Chemical Engineering* **23**, 1340-1349.
- Δ42 Arvaniti O.S., Hwang Y., Andersen H.R., Stasinakis A.S., Thomaidis N.S., Aloupi M. (2015) Reductive degradation of perfluorinated compounds in water using Mg-aminoclay coated nanoscale zero valent iron. *Chemical Engineering Journal* **262**, 133-139.
- Δ41 Gatidou G., Stasinakis A.S., Iatrou E.I. (2015) Assessing single and joint toxicity of three phenylurea herbicides using *Lemna minor* and *Vibrio fischeri* bioassays. *Chemosphere* **119**, 569-574.
- Δ40 Iatrou E.I., Stasinakis A.S., Thomaidis N.S. (2014) Consumption-based approach for predicting environmental risk in Greece due to the presence of antimicrobials in domestic wastewater. *Environmental Science and Pollution Research* **21**, 12941-12950.
- Δ39 Arvaniti O.S., Andersen H.R., Thomaidis N.S., Stasinakis A.S. (2014) Sorption of perfluorinated compounds onto different types of sewage sludge and assessment of its importance during wastewater treatment. *Chemosphere* **111**, 405-411.
- Δ38 Samaras V.G., Stasinakis A.S., Thomaidis N.S., Mamais D., Lekkas T.D. (2014) Fate of selected emerging micropollutants during mesophilic, thermophilic and temperature co-phased anaerobic digestion of sewage sludge. *Bioresource Technology* **162**, 365-372.
- Δ37 Arvaniti O.S., Asimakopoulos A.G., Dasenaki M.E., Ventouri E.I., Stasinakis A.S., Thomaidis N.S. (2014) Simultaneous determination of eighteen perfluorinated compounds in dissolved and particulate phases of wastewater, and in sewage sludge by liquid chromatography-tandem mass spectrometry. *Analytical Methods* **6**, 1341-1349.
- Δ36 Stasinakis A.S., Thomaidis N.S., Arvaniti O.S., Asimakopoulos A.G., Samaras V.G., Ajibola A., Mamais D., Lekkas T.D. (2013) Contribution of primary and secondary treatment on the removal of benzothiazoles, benzotriazoles, endocrine disruptors, pharmaceuticals and perfluorinated compounds in a sewage treatment plant. *Science of the Total Environment* **463-464**, 1067-1075.
- Δ35 Antonopoulou G., Kirkou A., Stasinakis A.S. (2013) Quantitative and qualitative greywater characterization in Greek households and investigation of their treatment using physicochemical methods. *Science of the Total Environment* **454-455**, 426-432.
- Δ34 Bletsou A.A., Asimakopoulos A.G., Stasinakis A.S., Thomaidis N.S., Kannan K. (2013) Mass loading and fate of linear and cyclic siloxanes in a wastewater treatment plant in Greece. *Environmental Science and Technology* **47**, 1824-1832.
- Δ33 Samaras V.G., Stasinakis A.S., Mamais D., Thomaidis N.S., Lekkas T.D. (2013) Fate of selected pharmaceuticals and synthetic endocrine disrupting compounds during wastewater treatment and sludge anaerobic digestion. *Journal of Hazardous Materials* **244-245**, 259-267.
- Δ32 Stasinakis A.S. (2012) Review on the fate of emerging contaminants during sludge anaerobic digestion. *Bioresource Technology* **121**, 432-440.
- Δ31 Arvaniti O.S., Ventouri E.I., Stasinakis A.S., Thomaidis N.S. (2012) Occurrence of different classes of perfluorinated compounds in Greek wastewater treatment plants and determination of their solid-water distribution coefficients. *Journal of Hazardous Materials* **239-240**, 24-31.
- Δ30 Kelessidis A., Stasinakis A.S. (2012) Comparative study of the methods used for treatment and final disposal of sewage sludge in European countries. *Waste Management* **32**, 1186-1195.
- Δ29 Stasinakis A.S., Mermigka S., Samaras V.G., Farmaki E., Thomaidis N.S. (2012) Occurrence of endocrine disruptors and selected pharmaceuticals in Aisonas River (Greece) and environmental risk assessment using hazard indexes. *Environmental Science and Pollution Research* **19**, 1574-1583.
- Δ28 Nesseris G.K., Stasinakis A.S. (2012) Investigation of municipal and olive-mill wastewater co-treatment in activated sludge – powdered activated carbon (AS-PAC) systems. *Journal of Chemical Technology and Biotechnology* **87**, 540-545.
- Δ27 Samaras V.G., Thomaidis N.S., Stasinakis A.S., Lekkas T.D. (2011) An analytical method for the simultaneous trace determination of acidic pharmaceuticals and phenolic endocrine

- disrupting chemicals in wastewater and sewage sludge by gas chromatography-mass spectrometry. *Analytical and Bioanalytical Chemistry* **399**, 2549-2561.
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