

Γρηγόριος Δ. Τσουμάκας

Λέκτορας
Τμήματος Πληροφορικής
του Αριστοτελείου Πανεπιστημίου Θεσσαλονίκης

ΑΝΑΛΥΤΙΚΟ ΒΙΟΓΡΑΦΙΚΟ ΣΗΜΕΙΩΜΑ

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Θεσσαλονίκη, Σεπτέμβριος 2009

1. Προσωπικά Στοιχεία

Ημερομηνία γέννησης: 28/3/1977
Τόπος γέννησης: Θεσσαλονίκη
Οικογενειακή κατάσταση: Έγγαμος
Στρατιωτικές υποχρεώσεις: Εκπληρωμένες. Στρατιώτης Έρευνας & Πληροφορικής, 8/8/2005 - 8/8/2006
Διεύθυνση κατοικίας:
Διεύθυνση εργασίας: Τμήμα Πληροφορικής, 54124, Θεσσαλονίκη
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2. Σπουδές

Πανεπιστημιακά Πτυχία

2001-2005 Διδακτορικό στην Πληροφορική, Τμήμα Πληροφορικής, Α.Π.Θ.
1999-2000 M.Sc. in Artificial Intelligence, Division of Informatics, University of Edinburgh, U.K.
1994-1999 Πτυχίο Πληροφορικής, Τμήμα Πληροφορικής, Α.Π.Θ.

Ξένες Γλώσσες

Αγγλικά (Proficiency), Γερμανικά (Grundstufe)

3. Διακρίσεις και Υποτροφίες

Διακρίσεις

2000 Διάκριση (dinstinction) από το Τμήμα Πληροφορικής του Πανεπιστημίου του Εδιμβούργου για την επίδοση στις μεταπτυχιακές σπουδές.

Υποτροφίες

2002-2004 Τρεις υποτροφίες για αντίστοιχες παρουσιάσεις εργασιών σε Ευρωπαϊκά συνέδρια από α) την Ευρωπαϊκή Συντονιστική Επιτροπή για την Τεχνητή Νοημοσύνη (ECCAI), β) την Ελληνική Εταιρεία Τεχνητής Νοημοσύνης (EETN) και γ) το Δίκτυο Αριστείας KDNET.
2001-2002 Δύο υποτροφίες για παρακολούθηση αντίστοιχων σεμιναρίων, α) από την Ευρωπαϊκή Επιτροπή (έργο HPCF-2000-00401) για το σεμινάριο με θέμα "Intelligent Data Analysis" στο Παλέρμο, Ιταλία και β) από το Ίδρυμα Ωνάση για το σεμινάριο με θέμα "The Data Avalanche: Reducing Information Overload", στο Ηράκλειο.
1999-2000 Υποτροφία από την Υπηρεσία Φοιτητικών Υποτροφιών για τη Σκωτία (Student Awards Agency for Scotland) για την εκπόνηση μεταπτυχιακού τίτλου M.Sc.

4. Ερευνητική Δραστηριότητα

Η ερευνητική μου δραστηριότητα επικεντρώνεται στις περιοχές της Μηχανικής Μάθησης (Machine Learning) και της Ανακάλυψης Γνώσης σε Βάσεις Δεδομένων (Knowledge Discovery in Databases). Στα ειδικότερα ερευνητικά μου ενδιαφέροντα ανήκουν τα παρακάτω αντικείμενα:

- *Μάθηση από Δεδομένα Πολλαπλών Ετικετών (Learning from Multi-Label Data)*. Ανάπτυξη αποδοτικών και αποτελεσματικών αλγορίθμων μάθησης μοντέλων πρόβλεψης από δεδομένα πολλαπλών ετικετών (π.χ. κείμενα, ιστοσελίδες, βιολογικά, μουσικά, εικόνες/βίντεο).
(Εργασίες: A6, J6, C15, C19, C24, C26, C29, C30, C31, C32)
- *Μέθοδοι Ομάδων (Ensemble Methods)*. Ανάπτυξη αλγορίθμων συγκερασμού πολλαπλών μοντέλων πρόβλεψης με στόχο την αύξηση της ακρίβειας πρόβλεψης.
(Εργασίες: A5, J3, J10, J11, C2, C3, C4, C9, C14, C18, C20, C22)
- *Εξόρυξη Γνώσης από Κείμενα (Text Mining)*. Ανάπτυξη αλγορίθμων μάθησης από δεδομένα κειμένου, με έμφαση στις ροές δεδομένων κειμένου και τις προκλήσεις που παρουσιάζουν (π.χ. εννοιολογική απόκλιση).
(Εργασίες: A4, J8, C11, C16, C17, C21, J12)
- *Μάθηση στο Σχεδιασμό Ενεργειών (Learning for Planning)*. Ανάπτυξη προσαρμοστικών συστημάτων σχεδιασμού ενεργειών με τη βοήθεια τεχνικών μηχανικής μάθησης.
(Εργασίες: A3, J2, C5, C6, C7, C8, C10)
- *Κατανεμημένη Εξόρυξη Γνώσης από Δεδομένα (Distributed Data Mining)*. Ανάπτυξη αλγορίθμων μάθησης από γεωγραφικά κατανεμημένες βάσεις δεδομένων. Οι αλγόριθμοι εστιάζονται: α) στην ανακάλυψη χρήσιμης γνώσης σχετικά με τις ομοιότητες και τις διαφορές κατανεμημένων βάσεων δεδομένων, και β) στην παραγωγή μοντέλων πρόβλεψης με αυξημένη ακρίβεια.
(Εργασίες: A2, J1, J4, C2, C3, C4, C14, E1)
- *Ενισχυτική Μάθηση (Reinforcement Learning)*. Ανάπτυξη αλγορίθμων για αποδοτική ενισχυτική μάθηση, χρησιμοποιώντας τεχνικές μάθησης με μεταφορά (transfer learning).
(Εργασίες: C28)
- *Εφαρμογές*. Εφαρμογή αλγορίθμων μηχανικής μάθησης για την ανάλυση πραγματικών δεδομένων (βιολογικών, περιβαλλοντικών, μουσικών, τεχνολογίας λογισμικού κ.α.), με στόχο την ανάδειξη της πρακτικής χρησιμότητάς τους.
(Εργασίες: A1, J5, J7, J9, C1, C12, C13, C23, C25, C27)

5. Συμμετοχή σε Ερευνητικά Προγράμματα

| | |
|-----------|---|
| 2009-2010 | Μέθοδοι Ταξινόμησης Δεδομένων Πολλαπλών Ετικετών για Πεδία με Μεγάλο Αριθμό Ετικετών (IKY, πρόγραμμα IKYDA) – Επιστημονικός Υπεύθυνος |
| 2007-2008 | I-NET (Interoperability Enterprise Network) Κοινοπραξία έρευνας και τεχνολογικής ανάπτυξης στη διαλειτουργικότητα, ευελιξία και προσαρμοστικότητα Δι-επιχειρησιακών B2B συναλλαγών (ΓΓΕΤ) |
| 2006-2007 | Ανάπτυξη Ευφυούς Συστήματος Διαχείρισης Διαδικτυακών Υπηρεσιών στο Σημαιολογικό Διαδίκτυο (ΓΓΕΤ, πρόγραμμα ΠΕΝΕΔ) |
| 2006-2007 | ΠΥΘΑΓΟΡΑΣ II: Σύστημα Σχεδιασμού Ενεργειών στο Σημαιολογικό Διαδίκτυο για εξ' Αποστάσεως Ηλεκτρονική Εκπαίδευση (ΥΠΕΠΘ, πρόγραμμα ΕΠΕΑΕΚ II) |
| 2002-2005 | Διαδραστικό, διαδικτυακό περιβάλλον ψυχαγωγίας και εκπαίδευσης, βασισμένο σε πράκτορες με σκοπό την προώθηση της Ευρωπαϊκής διαπολιτισμικής εκπαίδευσης και συνεργασίας των Ευρωπαίων πολιτών (ΕΕ, πρόγραμμα e-Content) |

6. Διδακτική Εμπειρία

- 2008-2009 Διδασκαλία του προπτυχιακού μαθήματος *Αντικειμενοστρεφής Προγραμματισμός* στο Τμήμα Πληροφορικής του ΑΠΘ.
- 2007-2009 Διδασκαλία των προπτυχιακών μαθημάτων *Ευφυή Αυτόνομα Συστήματα, Συστήματα Πολλαπλών Πρακτόρων, Θεωρία και Συστήματα Λήψης Απόφασης* και *Πληροφοριακά Συστήματα Παγκοσμίου Ιστού*, στο Τμήμα Πληροφορικής του ΑΠΘ.
- 2001-2005 Εργαστηριακή διδασκαλία του προπτυχιακού μαθήματος *Λογικός και Συναρτησιακός Προγραμματισμός*, στο Τμήμα Πληροφορικής του ΑΠΘ (2 εξάμηνα).
- 2003-2005 Φροντιστηριακή διδασκαλία του μεταπτυχιακού μαθήματος *Μηχανική Μάθηση* στο Τμήμα Πληροφορικής του ΑΠΘ (2 εξάμηνα).
- 2001-2002 Ωρομίσθιος εκπαιδευτής στα Κρατικά Ι.Ε.Κ. *Καλαμαριάς* και *Θεσσαλονίκη 2*, για συνολικά 377 ώρες, στις ειδικότητες *Τεχνικός Βιομηχανικού Λογισμικού, Τεχνικός Τηλεπληροφορικής* και *Ειδικός Εφαρμογών Πληροφορικής* (3 εξάμηνα).
- 2002-2003 Επιμορφωτής για 57 ώρες στο έργο "Επιμόρφωση Εκπαιδευτικών στην Αξιοποίηση των Τεχνολογιών της Πληροφορίας και των Επικοινωνιών στην Εκπαίδευση" του Επιχειρησιακού Προγράμματος "Κοινωνία της Πληροφορίας" του Γ' ΚΠΣ.
- 2002-2004 Σύμβουλος Υποστήριξης και Καθοδήγησης μικρό-μεσαίων Επιχειρήσεων των νομών Θεσσαλονίκης και Χαλκιδικής, Πρόγραμμα "Δικτυωθείτε", Υπουργείο Εργασίας.
- 2001-2003 Εισηγητής σεμιναρίων στην Ένωση Ελλήνων Φυσικών, παράρτημα Κ.Δ. Μακεδονίας με θέμα τον προγραμματισμό σε γλώσσα C και C++, καθώς και την επεξεργασία κειμένου και υπολογιστικών φύλλων.

Μέλος Τριμελούς Συμβουλευτικής Επιτροπής για την Εκπόνηση Μεταπτυχιακής Εργασίας

- Φενέρης Ιωάννης, Α.Μ.: 208, "Η Ενισχυτική Μάθηση σε Συστήματα Πολλαπλών Πρακτόρων", 2008-2009
- Μπελόγια Αικατερίνη, Α.Μ.: 154, "Σύστημα Ανάλυσης Βιολογικών Αλληλουχιών", 2007-2008
- Ζιώγκου Μαρία, Α.Μ.: 140, "Προσομοίωση Ασύρματης Μετάδοσης Πληροφορίας σε Στόλο Οχημάτων με Χρήση Τεχνικών Ευφυών Πρακτόρων και Σημασιολογικού Ιστού", 2007-2008
- Σαμπαζιώτης Ιωάννης, Α.Μ.: 123, "Τεχνικές Μηχανικής Μάθησης για Σύσταση Ενοικίασης Ταινίας", 2006-2007

7. Επιστημονική Δραστηριότητα

- Έχω δώσει τις παρακάτω διαλέξεις:
 - Tutorial on Learning from Multi-Label Data at ECML PKDD 2009, Bled, Slovenia, 7 September 2009
 - Seminar on Learning from Multi-Label Data at the 1st Hellenic Artificial Intelligence Summer School, Thessaloniki, Greece, 24 August 2009
- Έχω συνδιοργανώσει τις παρακάτω διεθνείς ημερίδες:
 - ECML PKDD 2009 Workshop on Learning from Multi-Label Data (MLD'09)
 - ECAI'08 Workshop on Mining Social Data (MSoDa'08)
- Έχω διατελέσει μέλος της Επιτροπής Προγράμματος των ακόλουθων συνεδρίων/ημερίδων:
 - The 13th Pacific-Asia Conference on Knowledge Discovery and Data Mining (PAKDD 2009)
 - Workshop on Artificial Intelligence Applications in Environmental Protection (AIAEP 2009)
 - The IEEE 23rd International Conference on Advanced Information Networking and Applications (AINA-09)
 - 5th IFIP Conference on Artificial Intelligence Applications & Innovations (AIAI 2009)
 - Workshop on Artificial Intelligence Techniques in Software Engineering (AISEW '09, '08)

- International Conference on Enterprise Information Systems (ICEIS) 2007, 2008, 2009
- 2007 International Conference on Advanced Data Mining and Applications (ADMA 2007)
- 19th IEEE International Conference on Tools with Artificial Intelligence (ICTAI 2007) (<http://doi.ieeecomputersociety.org/10.1109/ICTAI.2007.152>)
- 2007 IADIS Data Mining Conference
- 2007 International Conference on Artificial Intelligence and Pattern Recognition (AIPR-07)
- 2nd ADBIS workshop on Data Mining and Knowledge Discovery, ADMKD 2006
- 2005 Information Resources Management Association (IRMA) International Conference
- Έχω διατελέσει πρόεδρος συνεδρίας (session chairman) στα ακόλουθα συνέδρια:
 - 10th International Conference on Engineering Applications of Neural Networks (EANN 2007)
 - 2nd ADBIS Workshop on Data Mining and Knowledge Discovery (ADMKD 2006)
 - 3^o Πανελλήνιο Συνέδριο Τεχνητής Νοημοσύνης (SETN 2004)
- Έχω διατελέσει κριτής εργασιών στα ακόλουθα:
 - A) *Περιοδικά:*
 - Expert Systems (1), Journal of Machine Learning Research (2007:2, 2008:1)
 - IEEE TKDE (1), IEEE Internet Computing (1), Computational Intelligence (1)
 - International Journal on Artificial Intelligence Tools (1), Information Sciences (2007:1), IEEE TPAMI (2007:1), Pattern Analysis and Applications (2007:1), Machine Learning Journal (2007:2), Statistical Analysis and Data Mining (2008:1), Pattern Recognition (2009:1), IEEE Transactions on Neural Networks (2009:1).
 - B) *Συνέδρια:*
 - ECML PKDD 2009, 2008
 - 9^o, 10^o, 12^o Πανελλήνιο Συνέδριο Πληροφορικής (PCI 2008, 2005, 2003)
 - 10th International Conference on Engineering Applications of Neural Networks (EANN 2007)
 - 20th Australian Joint Conference on Artificial Intelligence (AI 2007)
 - 2^o, 4^o Πανελλήνιο Συνέδριο Τεχνητής Νοημοσύνης (SETN 2006, 2002)
 - 9th International Conference on Extending Database Technology (EDBT 2004)
 - 1st Balkan Informatics Conference (BCI 2003)
 - 13th International Conference on Information Systems Development
 - Γ) *Εγκυκλοπαίδειες:*
 - Encyclopedia of Data Warehousing and Mining (2nd Edition)
- Είμαι μέλος των εξής Επιστημονικών Σωματείων:
 - Ελληνική Εταιρία Τεχνητής Νοημοσύνης (EETN) από το 1999
 - ACM & ACM SIGKDD
 - IEEE

8. Δημοσιεύσεις

Έχω δημοσιεύσει 2 [διατριβές](#) 1 συλλογικό τόμο και 51 εργασίες (6 [κεφάλαια σε συλλογικούς τόμους](#), 12 [άρθρα σε περιοδικά](#), 1 [λήμμα σε εγκυκλοπαίδεια](#) και 32 [άρθρα σε διεθνή και εθνικά συνέδρια](#)). Αναλυτικότερα:

Διατριβές

- T1. Tsoumakas, G. (2000) "A Knowledge Based System for Rock Fracture Classification in Deep Boreholes", M.Sc. Thesis, Division of Informatics, University of Edinburgh, U.K., September 2000.

- T2. Τσουμάκας, Γ. (2005) "*Μηχανική Μάθηση για το Συγκρασμό Πολλαπλών, Κατακεμημένων Ευφών Συστημάτων*", Διδακτορική Διατριβή, Τμήμα Πληροφορικής, Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης, Ιούλιος 2005.

Συλλογικοί τόμοι

- V1. Pliadis, L., Maglogiannis, I., Tsoumakas, G., Vlahavas, I., Bramer, M. (2009) "Artificial Intelligence Applications and Innovations: Proceedings of the 5th IFIP Conference on Artificial Intelligence Applications and Innovations (AIAI'2009)", April 23-25, 2009, Vol. 2962009, VIII, ISBN: 978-1-4419-0220-7.

Κεφάλαια σε συλλογικούς τόμους

- A1. Tsoumakas, G., Vlahavas, I. (2001) "Land Evaluation - An Artificial Intelligence Approach", in *Environmental Information Systems in Industry and Public Administration*, C. Rautenstrauch and S. Patig (eds.), Ch. 9, pp. 158-166, Idea Group Publishing.
- A2. Tsoumakas, G., Bassiliades, N., Vlahavas, I. (2004) "A Knowledge-based Web Information System for the Federation of Distributed Classifiers", in *Web Information Systems*, D. Taniar and W. Rahayu (eds.), Ch. 8, pp. 271-308, Idea Group Publishing.
- A3. Vrakas, D., Tsoumakas, G., Bassiliades, N., Vlahavas I. (2005) "Machine Learning for Adaptive Planning", in *Intelligent Techniques for Planning*, I. Vlahavas and D. Vrakas (eds.), Ch. 3, pp. 90-120, Idea Group Publishing.
- A4. Katakis, I., Tsoumakas, G., Vlahavas I. (2006) "Email Mining: Emerging Techniques for Email Management", in *Web Data Management Practices: Emerging Techniques and Technologies*, A. Vakali and G. Pallis (eds.), Ch. 10, pp 219-241, Idea Group Publishing.
- A5. Tsoumakas, G., Partalas, I., Vlahavas, I. (2009) "An Ensemble Pruning Primer", in *Applications of Supervised and Unsupervised Ensemble Methods*, G. Valentini and O. Okun (eds.), (accepted), Springer.
- A6. Tsoumakas, G., Katakis, I., Vlahavas, I. (2009) "Mining Multi-Label Data", in *Data Mining and Knowledge Discovery Handbook*, L. Rokach and O. Maimon (eds.), (accepted), Springer.

Περιοδικά

- J1. Tsoumakas, G., Angelis L., Vlahavas, I. (2004) "Clustering Classifiers for Knowledge Discovery from Physically Distributed Databases", *Data & Knowledge Engineering*, 49(3), pp. 223-242, Elsevier.
- J2. Vrakas, D., Tsoumakas, G., Bassiliades, N., Vlahavas, I. (2005) "HAP_{RC}: An Automatically Configurable Planning System", *AI Communications*, 18(1), pp. 41-60, IOS Press.
- J3. Tsoumakas, G., Angelis, L., Vlahavas, I. (2005) "Selective Fusion of Heterogeneous Classifiers", *Intelligent Data Analysis*, 9(6), pp. 511-525, IOS Press.
- J4. Tsoumakas, G., Vlahavas, I. (2007) "A Scalable and Interoperable System for Classifier Sharing and Fusion", *Expert Systems with Applications*, 33(3), pp. 716-724, Elsevier.
- J5. Vrakas, D., Tsoumakas, G., Kokkoras, F., Bassiliades, N. Vlahavas, I., Anagnostopoulos, D. (2007) "PASER: A Curricula Synthesis System based on Automated Problem Solving", *International Journal on Teaching and Case Studies (IJTCS)*, 1(1/2), pp. 159-170, Inderscience.
- J6. Tsoumakas, G., Katakis, I. (2007) "Multi-Label Classification: An Overview", *International Journal of Data Warehousing and Mining*, 3(3), pp. 1-13, Idea Group Publishing.
- J7. Bibi, S., Tsoumakas, G., Vlahavas, I., Stamelos, I. (2008) "Regression via Classification applied on Software Defect Prediction", *Expert Systems with Applications*, 34(3), pp 2091-2101, Elsevier.
- J8. Katakis, I., Tsoumakas, G., Banos, E., Bassiliades, N., Vlahavas, I. (2008) "An Adaptive Personalized News Dissemination System", *Journal of Intelligent Information Systems*, 32(2), pp. 191-212, Springer.

- J9. Hatzikos, E.V., Tsoumakas, G., Tzanis, G., Bassiliades, N., Vlahavas, I. (2008) "An Empirical Study on Sea Water Quality Prediction", *Knowledge Based Systems*, 21(6), pp. 471-478, Elsevier.
- J10. Partalas, I., Tsoumakas, G., Hatzikos, E.V., Vlahavas, I. (2008) "Greedy Regression Ensemble Selection: Theory and an Application to Water Quality Prediction", *Information Sciences*, 178(20), pp. 3867-2879, Elsevier.
- J11. Partalas, I., Tsoumakas, G., Vlahavas, I. (2009) "Pruning an Ensemble of Classifiers via Reinforcement Learning", *Neurocomputing*, 72(7-9), pp. 1900-1909, Elsevier.
- J12. I. Katakis, G. Tsoumakas, I. Vlahavas, (?) "Tracking Recurring Contexts using Ensemble Classifiers: An Application to Email Filtering", *Knowledge and Information Systems*, (accepted), Springer.

Λήμματα σε εγκυκλοπαίδειες

- E1. Tsoumakas, G., Vlahavas, I. (2008) "Distributed Data Mining", in *Encyclopedia of Data Warehousing and Mining – 2nd Edition*, J. Wang (ed.), pp. 709-715, Idea Group Reference.

Συνέδρια

- C1. Tsoumakas, G., Vlahavas, I. (1999) "ISLE: An Intelligent System for Land Evaluation", *Proc. ACAI'99 Workshop on Intelligent Techniques for Spatio-Temporal Data Analysis in Environmental Applications*, pp. 26-32, Chania, Greece.
- C2. Tsoumakas, G., Vlahavas, I. (2001) "Fuzzy Meta-Learning: Preliminary Results", *Proc. UK Workshop on Computational Intelligence (UKCI 01)*, pp. 43-48, Edinburgh, September 2001.
- C3. Tsoumakas, G., Vlahavas, I. (2002) "Distributed Data Mining of Large Classifier Ensembles", *Proc. (Companion Volume) 2nd Hellenic Conference on AI (SETN 2002)*, pp. 249-255, Thessaloniki, April 2002.
- C4. Tsoumakas, G., Vlahavas, I. (2002) "Effective Stacking of Distributed Classifiers", *Proc. 15th European Conference on Artificial Intelligence (ECAI 2002)*, IOS Press, pp. 340-344, Lyon, France, July 2002.
- C5. Vrakas, D., Tsoumakas, G., Vlahavas, I. (2002) "Towards adaptive Heuristic Planning through Machine Learning", *Proc. 21st Workshop of the UK Planning and Scheduling Special Interest Group (PlanSIG 2002)*, pp 12-21, Delft, The Netherlands, November 2002.
- C6. Vrakas, D., Tsoumakas, G., Bassiliades, N., Vlahavas, I. (2003) "Learning Rules for Adaptive Planning", *Proc. 13th International Conference on Automated Planning and Scheduling (ICAPS 2003)*, pp. 82-91, Trento, Italy, June 2003.
- C7. Tsoumakas, G., Vrakas, D., Bassiliades, N., Vlahavas, I. (2004) "Using the k Nearest Problems for Adaptive Multicriteria Planning", *Proc. 3rd Hellenic Conference on Artificial Intelligence (SETN 2004)*, Springer-Verlag, LNAI 3025, pp. 132-141, Samos, Greece, May 2004.
- C8. Tsoumakas, G., Vrakas, D., Bassiliades, N., Vlahavas, I. (2004) "Lazy Adaptive Multicriteria Planning", *Proc. 16th European Conference on Artificial Intelligence (ECAI 2004)*, IOS Press, pp. 693-697, Valencia, Spain, August 2004.
- C9. Tsoumakas, G., Katakis, I., Vlahavas, I. (2004) "Effective Voting of Heterogeneous Classifiers", *Proc. 15th European Conference on Machine Learning (ECML 2004)*, Springer-Verlag, LNAI 3201, pp. 465-476, Pisa, Italy, September 2004.
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Έχω παρουσιάσει προσωπικά τις 13 (C1, C2, C3, C4, C7, C8, C9, C10, C15, C19, C22, C31, C32) από τις 30 παραπάνω εργασίες (όλες τις εργασίες στις οποίες είμαι πρώτος συγγραφέας πλην της C24), ενώ όλες οι υπόλοιπες έχουν παρουσιαστεί από συν-συγγραφείς.

9. Αναφορές

Δείκτης H-Index: 8

Υπάρχουν συνολικά 262 αναφορές, εξαιρουμένων των αυτό-αναφορών, στις εξής εργασίες μου:

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