Ra'Fat A. AL-Msie'Deen

Publications

P.O. Box 61710, Mu'tah University, Alkarak - Jordan
00962795423410
rafatals3ode@gmail.com
https://rafat66.github.io/Al-Msie-Deen/
Linkedin
RafatALs3ode

PUBLICATIONS

Journal:

[1] R. Al-Msie'deen, H. E. Salman, A. H. Blasi, M. A. Alsuwaiket, "Naming the Identified Feature Implementation Blocks from Software Source Code," *Journal of Communications Software and Systems*, vol. , no. , pp. 1–10, 2022.

[2] R. Al-Msie'deen, A. H. Blasi, H. E. Salman, S. S. Alja'afreh, A. Abadleh, M. A. Alsuwaiket, A. Hammouri, A. J. Al_Nawaiseh, W. Tarawneh, S. A. Al-Showarah, "Detecting Commonality and Variability in Use-Case Diagram Variants," *Journal of Theoretical and Applied Information Technology*, vol. 100, no. 4, pp. 1113–1126, 2022.

[3] A. Abadleh, A. Al-saraireh, H. E. Salman, A. Al-akasasbeh, S. Alja'afreh, A. Hammouri, R. Al-Msie'deen, and A. Hassanat, "Covid-19 Disease Recognition Using Distributed Data Mining and Deep Learning," *Journal of Theoretical and Applied Information Technology*, vol. 100, no. 2, pp. 469–479, 2022.

[4] R. Al-Msie'deen, "SoftCloud: A Tool for Visualizing Software Artifacts as Tag Clouds," *Mu'tah Lil-Buhuth wad-Dirasat, Natural and Applied Sciences Series*, vol. 37, no. 2, pp. 1–14, 2022.

[5] R. Al-Msie'deen, A. Blasi, and M. Alsuwaiket, "Constructing a Software Requirements Specification and Design for Electronic IT News Magazine System," *International Journal of Advanced and Applied Sciences*, vol. 8, no. 11, pp. 104–118, 2021.

[6] R. Al-Msie'deen, and A. Blasi, "Software Evolution Understanding: Automatic Extraction of Software Identifiers Map for Object-Oriented Software Systems," *Journal of Communications Software and Systems*, vol. 17, no. 1, pp. 20–28, 2021.

[7] R. Al-Msie'deen, "Tag Clouds for Software Documents Visualization," *International Journal on Informatics Visualization*, vol. 3, no. 4, pp. 361–364, 2019.

[8] R. Al-Msie'deen, "Tag Clouds for Object-Oriented Source Code Visualization," *Engineering, Technology & Applied Science Research*, vol. 9, no. 3, pp. 4243–4248, 2019.

[9] M. Alsuwaiket, A. Blasi, and R. Al-Msie'deen, "Formulating Module Assessment for Improved Academic Performance Predictability in Higher Education," *Engineering, Technology & Applied Science Research*, vol. 9, no. 3, pp. 4287–4291, 2019.

[10] R. Al-Msie'deen, and A. Blasi, "Supporting software documentation with source code summarization," *International Journal of Advanced and Applied Sciences*, vol. 6, no. 1, pp. 59–67, 2019.

[11] R. Al-Msie'deen, and A. Blasi, "The Impact of the Object-Oriented Software Evolution on Software Metrics: The Iris Approach," *Indian Journal of Science and Technology*, vol. 11, no. 8, pp. 1–8, 2018.

[12] R. Al-Msie'deen, "Automatic labeling of the object-oriented source code: The Lotus approach," *Science International-Lahore*, vol. 30, no. 1, pp. 45–48, 2018.

[13] R. Al-Msie'deen, "Visualizing object-oriented software for understanding and documentation," *International Journal of Computer Science and Information Security*, vol. 13, no. 5, pp. 18–27, 2015.

[14] R. Al-Msie'deen, M. Huchard, A. Seriai, C. Urtado, and S. Vauttier, "Automatic documentation of [mined] feature implementations from source code elements and use-case diagrams with the REVPLINE approach," *International Journal of Software Engineering and Knowledge Engineering*, vol. 24, no. 10, pp. 1413–1438, 2014.

[15] A. M. Frijat and R. Al-Msie'deen "A requirement model of local news wap/web application for rural community," *Advances in Computer Science and Engineering*, vol. 4, no. 1, pp. 37–53, 2010.

Book:

[1] R. Al-Msie'deen, *Object-oriented Software Documentation.* Lambert Academic Publishing, 2019.

[2] R. Al-Msie'deen, A. Seriai, and M. Huchard, *Reengineering Software Product Variants Into Software Product Line: REVPLINE Approach.* Lambert Academic Publishing, 2014.

[3] R. Al-Msie'deen, *A Requirement Model of Local News Application for Rural Communities: A New Model for Rural News.* Lambert Academic Publishing, 2014.

[4] R. Al-Msie'deen, M. Huchard, and C. Urtado, *Reverse Engineering Feature Models.* Lambert Academic Publishing, 2014.

[5] R. Al-Msie'deen, *Feature Location in a Collection of Software Product Variants.* Lambert Academic Publishing, 2014.

International Conference:

[1] R. Al-Msie'deen, M. Huchard, A. Seriai, C. Urtado, and S. Vauttier, "Reverse engineering feature models from software configurations using formal concept analysis," in *Proceedings of the Eleventh International Conference on Concept Lattices and Their Applications, Košice, Slovakia, October 7-10, 2014.*, ser. CEUR Workshop Proceedings, K. Bertet and S. Rudolph, Eds., vol. 1252. CEUR-WS.org, 2014, pp. 95–106.

[2] R. Al-Msie'deen, A. Seriai, M. Huchard, C. Urtado, and S. Vauttier, "Documenting the mined feature implementations from the object-oriented source code of a collection of software product variants," in *The 26th International Conference on Software Engineering and Knowledge Engineering, Hyatt Regency, Vancouver, BC, Canada, July 1-3, 2013.*, M. Reformat, Ed. Knowledge Systems Institute Graduate School, 2014, pp. 138–143.

[3] R. Al-Msie'deen, A. Seriai, M. Huchard, C. Urtado, S. Vauttier, and H. E. Salman, "Feature location in a collection of software product variants using formal concept analysis," in *Safe and Secure Software Reuse - 13th International Conference on Software Reuse, ICSR 2013, Pisa, Italy, June 18-20. Proceedings*, ser. Lecture Notes in Computer Science, J. M. Favaro and M. Morisio, Eds., vol. 7925. Springer, 2013, pp. 302–307.

[4] R. Al-Msie'deen, A. Seriai, M. Huchard, C. Urtado, and S. Vauttier, "Mining features from the object-oriented source code of software variants by combining lexical and structural similarity," in *IEEE 14th International Conference on Information Reuse & Integration, IRI 2013, San Francisco, CA, USA, August 14-16, 2013*. IEEE, 2013, pp. 586–593.

[5] R. Al-Msie'deen, A. Seriai, M. Huchard, C. Urtado, S. Vauttier, and H. E. Salman, "Mining features from the object-oriented source code of a collection of software variants using formal concept analysis and latent semantic indexing," in *The 25th International Conference on Software Engineering and Knowledge Engineering, Boston, MA, USA, June 27-29, 2013.* Knowledge Systems Institute Graduate School, 2013, pp. 244–249.

[6] R. Al-Msie'deen, M. Huchard, A. D. Seriai, C. Urtado, S. Vauttier, and A. Al-Khlifat, "Concept lattices: A representation space to structure software variability," in *Information and Communication Systems (ICICS), 2014 5th International Conference on*, Irbid, Jordan, April 2014, pp. 1–6.

International Workshop:

[1] R. Al-Msie'deen, A. D. Seriai, M. Huchard, C. Urtado, S. Vauttier, and H. E. Salman, "An approach to recover feature models from object-oriented source code," in *Actes de la Journée Lignes de Produits 2012*, Lille, France, Novembre 2012, pp. 15–26.

[2] R. Al-Msie'deen, A. D. Seriai, M. Huchard, C. Urtado, S. Vauttier, and H. E. Salman, "Feature mining from a collection of software product variants," in *Actes de la Journées GDR - GPL - CIEL - AFADL 2013*, Nancy, France, April 2013, pp. 1–2.

[3] H. E. Salman, A. Seriai, C. Dony, and R. Al-Msie'deen, "Recovering traceability links between feature models and source code of product variants," in *Proceedings of the VARiability for You Workshop: Variability Modeling Made Useful for Everyone*, ser. VARY '12. New York, NY, USA: ACM, 2012, pp. 21–25.

[4] H. E. Salman, A. Seriai, C. Dony, and R. Al-Msie'deen, "Identifying traceability links between product variants and their features," in *REVE'2013: 1st International workshop on Reverse Variability Engineering*, 2013, pp. 17–23.

[5] H. E. Salman, A. Seriai, C. Dony, and R. Al-Msie'deen, "Genetic algorithms as recovering traceability links method between feature models and source code of product variants," in *Actes de la Journée Lignes de Produits 2012*, Lille, France, Novembre 2012, pp. 3–14.

Poster:

[1] R. Al-Msie'deen, A. Seriai, M. Huchard, C. Urtado, S. Vauttier, and H. E. Salman, "A methodology to recover feature models from object-oriented source code," Innsbruck, Austria, September 2012.

Doctoral Symposium:

[1] R. Al-Msie'deen, "Mining feature models from the object-oriented source code of a collection of software product variants," in *Doctoral Symposium of ECOOP'13*, Montpellier, France, July 2013, pp. 1–10.

Publications in Google Scholar:

Ra'Fat AL-Msie'Deen

Assistant Professor @ Mutah University
Verified email at mutah.edu.jo - Homepage

Software Engineering Formal Concept Analysis Software Product Line Engi...
Software Evolution Software Visualization

TITLE	CITED BY	YEAR
Feature location in a collection of software product variants using formal concept analysis R Al-msie'deen, A Seriai, M Huchard, C Urtado, S Vauttier, HE Salman International Conference on Software Reuse, 302-307	50	2013
Mining features from the object-oriented source code of software variants by combining lexical and structural similarity R Al-msie'deen, AD Seriai, M Huchard, C Urtado, S Vauttier 2013 IEEE 14th International Conference on Information Reuse & Integration ...	38	2013
Mining features from the object-oriented source code of a collection of software variants using formal concept analysis and latent semantic indexing R Al-msie'deen, AD Seriai, M Huchard, C Urtado, S Vauttier, HE Salman SEKE: Software Engineering and Knowledge Engineering	35	2013
Reverse engineering feature models from software configurations using formal concept analysis R Al-msie'deen, M Huchard, A Seriai, C Urtado, S Vauttier Proceedings of the Eleventh International Conference on Concept Lattices and ...	21	2014
An approach to recover feature models from object-oriented source code R Al-msie'deen, AD Seriai, M Huchard, C Urtado, S Vauttier, HE Salman Actes de la Journée Lignes de Produits, 15-26	20	2012
Automatic documentation of [mined] feature implementations from source code elements and use-case diagrams with the REVPLINE approach R Al-msie'deen, M Huchard, AD Seriai, C Urtado, S Vauttier International Journal of Software Engineering and Knowledge Engineering 24 ...	16	2014
Concept lattices: a representation space to structure software variability R Al-msie'deen, M Huchard, AD Seriai, C Urtado, S Vauttier, A Al-Khlifat Information and Communication Systems (ICICS), 2014 5th International ...	16 *	2014
Reverse Engineering Feature Models From Software Variants to Build Software Product Lines R AL-Msie'Deen Montpellier 2 University, France	16 *	2014
Recovering traceability links between feature models and source code of product variants H Eyal-Salman, AD Seriai, C Dony, R Al-msie'deen Proceedings of the VARiability for You Workshop: Variability Modeling Made ...	14	2012
Documenting the mined feature implementations from the object-oriented source code of a collection of software product variants R Al-msie'deen, AD Seriai, M Huchard, C Urtado, S Vauttier SEKE: Software Engineering and Knowledge Engineering, 138-143	13	2014
Formulating Module Assessment for Improved Academic Performance Predictability in Higher Education M Alsuwaiket, A Blasi, R Al-msie'deen Engineering, Technology & Applied Science Research 9 (3), 4287-4291	12	2019

Publications in Scopus:

Conference Paper • *Open access*

Feature location in a collection of software product variants using formal concept analysis

26 Citations

Al-Msie'Deen, R., Seriai, A., Huchard, M., ...Vauttier, S., Salman, H.E.

Lecture Notes In Computer Science (Including subseries Lecture Notes In Artificial Intelligence and Lecture Notes In Bioinformatics)

, 2013, 7925 LNCS, pp. 302–307

Show abstract ⌄ View at Publisher ↗ Related documents DOC XML ↗ SOLR JSON ↗

Conference Paper

Reverse engineering feature models from software configurations using formal concept analysis

20 Citations

AL-Msie'Deen, R., Huchard, M., Seriai, A.-D., Urtado, C., Vauttier, S.

CEUR Workshop Proceedings, 2014, 1252, pp. 95–106

Show abstract ⌄ Related documents DOC XML ↗ SOLR JSON ↗

Conference Paper

Mining features from the object-oriented source code of a collection of software variants using formal concept analysis and latent semantic indexing

19 Citations

AL-Msie'deen, R., Seriai, A.-D., Huchard, M., ...Vauttier, S., Salman, H.E.

Proceedings of the International Conference on Software Engineering and Knowledge Engineering, SEKE

, 2013, 2013-January(January), pp. 244–249

Show abstract ⌄ Related documents DOC XML ↗ SOLR JSON ↗

Conference Paper • *Open access*

Mining features from the object-oriented source code of software variants by combining lexical and structural similarity

19 Citations

Al-Msie'Deen, R., Seriai, A.-D., Huchard, M., Urtado, C., Vauttier, S.

Proceedings of the 2013 IEEE 14th International Conference on Information Reuse and Integration, IEEE IRI 2013

, 2013, pp. 586–593, 6642522

Show abstract ⌄ View at Publisher ↗ Related documents DOC XML ↗ SOLR JSON ↗

Conference Paper • *Open access*

Concept lattices: A representation space to structure software variability

9 Citations

Al-Msie'Deen, R., Huchard, M., Seriai, A.-D., ...Vauttier, S., Al-Khlifat, A.

2014 5th International Conference on Information and Communication Systems, ICICS 2014

, 2014, 6841949

Show abstract ⌄ View at Publisher ↗ Related documents DOC XML ↗ SOLR JSON ↗

Conference Paper

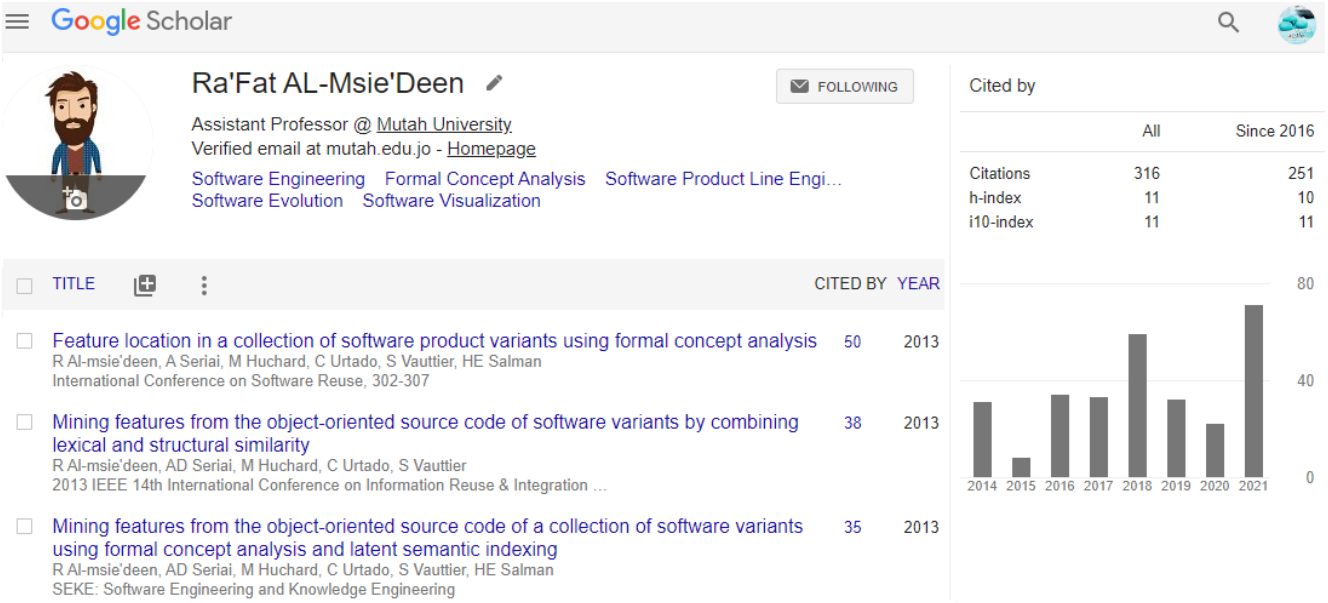
Recovering traceability links between feature models and source code of product variants

8 Citations

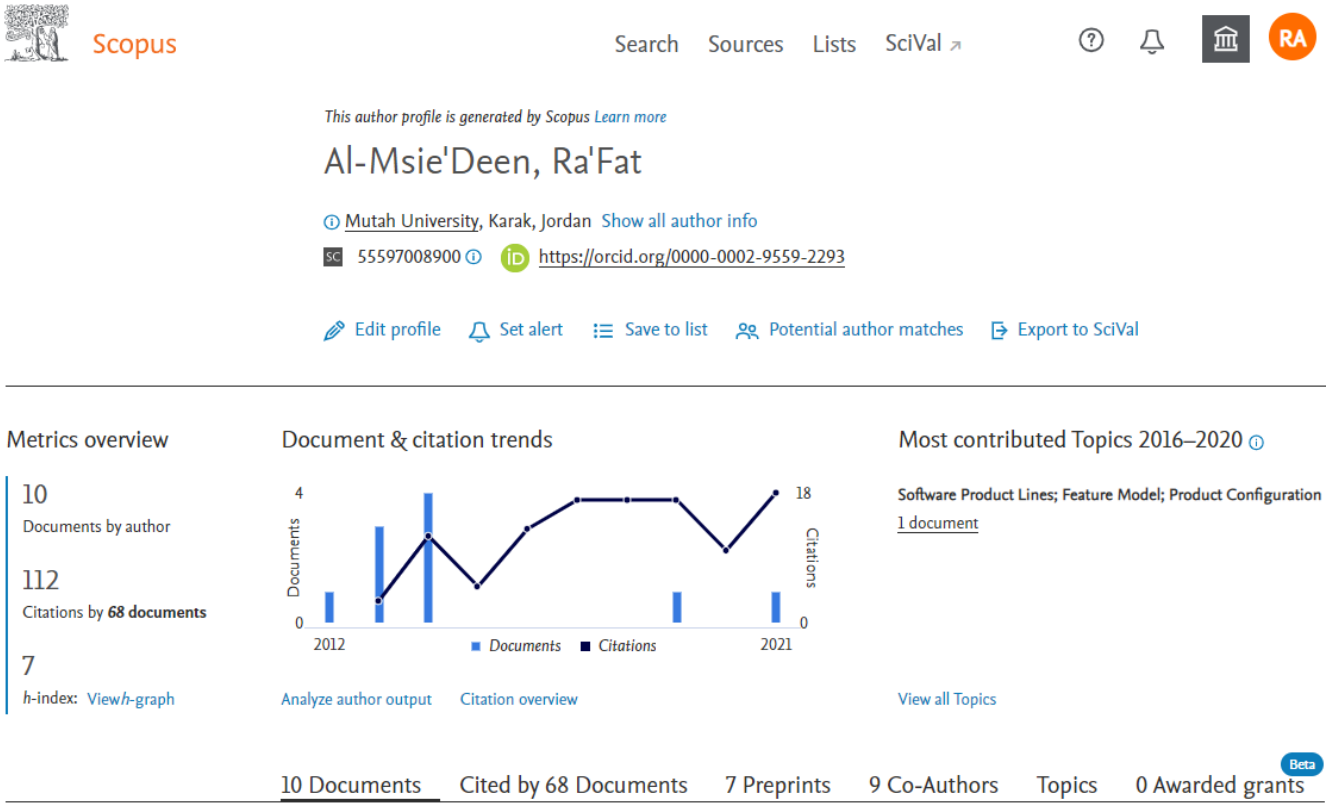
Eyal-Salman, H., Seriai, A.-D., Dony, C., Al-msie'deen, R.

Proceedings of the VARiability for You Workshop: Variability Modeling Made Useful for

h-index - Google Scholar:



h-index - Scopus:



Dr. Ra'Fat A. AL-Msie'Deen
P.O. Box 61710, Mu'tah University, Alkarak - Jordan RafatALs3ode Github
https://rafat66.github.io/Al-Msie-Deen/ rafatals3ode@gmail.com