

List of Publications of Doctor-Engineer Didier El Baz (HDR)

Habilitation à Diriger des Recherches (H.D.R.)

D. El Baz, Contribution à l'algorithmique parallèle, Le concept d'asynchronisme : étude théorique, mise en œuvre et application. Habilitation to Lead Researchs of Institut National Polytechnique de Toulouse defended on 6 October 1998 at LAAS-CNRS. Rapport LAAS 98428, 143 pages jury, J.-C. Miellou president, F. Robert reviewer, D. Bertsekas reviewer, P. Spiteri : reviewer, P. Bertrand examiner, D. Litaize examiner, B. Plateau examiner.

Ph.D. Thesis of Doctor-Engineer

D. El Baz, Etude d'algorithmes itératifs de calcul parallèle. Application à la résolution distribuée du problème du routage optimal dans un réseau maillé à commutation de paquets. Ph.D. thesis of INSA Toulouse, defended on 12 January 1984 at LAAS-CNRS. Rapport LAAS 2985, jury, G. Grateloup president, G. Authie codirector of thesis, J. Bernussou examiner, P. Bertrand examiner, P. Dorio examiner, J. C. Miellou examiner.

Papers in Scientific Journals

RI1 Jia Luo, Didier El Baz, Rui Xue, Jinglu Hu, A Fully Parallel NSGA II for Optimization of Flexible Shop Floor Production Performance and Schedule Stability under Dynamic Environments, *Annals of Operations Research*, 2025.

<https://doi.org/10.1007/s10479-025-06482-2>

Q1

number of readings Research Gate: **4**.

RI2 Jia Luo, Didier El Baz, Lei Shi, Utilizing Deep Learning Models for Ternary Classification in COVID-19 Infodemic Detection, *Digital Health*, Vol 10, 1-12, 2024.

DOI: 10.1177/20552076241284773/ ID: DHJ-24-0520.R2

Q2

Number of quotes Research Gate: **1**; number of readings Research Gate: **11**.

RI3 J. Luo, D. Peng, L. Shi, D. El Baz, X. Liu, A Comparative Analysis of the COVID-19 Infodemic in Chinese and English: Insights from Social Media Textual Data, *Frontiers, Frontiers in Public Health*, published 10 November 2023 pp. 1-13; doi: 10.3389/fpubh.2023.1281259

Q1

Number of quotes Research Gate: **1**; number of readings Research Gate: **62**.

RI4 K. Asfour, R. Martin, D. El Baz and L. Bodet, B. Plazolles, Impact of source modeling and poroelastic models on numerical modeling of unconsolidated granular media: application at the laboratory scale, *Surveys in Geophysics*, 19 December 2023.

Q1

number of readings Research Gate: **34**.

RI5 D. El Baz, Can we Trust Chatbots for now? Accuracy, reproducibility, traceability; a Case Study on Leonardo da Vinci's Contribution to Astronomy, *Advances in Artificial Intelligence and Machine Learning*, June 2023, Volume 3, Number 2, 1094-1109; arXiv:2304.11852, hal-04078350v1 <https://www.oajaiml.com/uploads/archivepdf/33221164.pdf>

Number of quotes Google Scholar: **2**;

Number of quotes Research Gate: **2**; number of readings Research Gate: **64**.

RI6 J. Luo, R. Xue, D. El Baz; Optimization Models and Solving Approaches in Relief Distribution Concerning Victims' Satisfaction: A Review, *Applied Software Computing Journal*, Volume 143, August 2023; *provisionally selected for the Best Researcher Award at the upcoming International Research Awards on Network Protocols*

<https://doi.org/10.1016/j.asoc.2023.110398>

Q1

Number of quotes Google Scholar: **5**; Number of quotes Scopus: **5**.

Number of quotes Research Gate: **1**; Number of reading on Research Gate: **10**.

RI7 A. Benachour, S. Yahiaoui; D. El Baz; N. Nouali-Taboudjemat, H. Kheddouci, Fast parallel algorithms for finding elementary circuits of a directed graph: A GPU-based approach, *The Journal of Supercomputing*, Volume 79, Issue 5 March 2023, p. 4791–4819.

<https://laas.hal.science/hal-03793115>

Q2,

Number of quotes Google Scholar: **1**; Number of quotes Scopus: **1**.
Number of quotes Research Gate: **1**; number of readings Research Gate: **60**.

RI8 Lei Shi, Jia Luo, Peiying Zhang, Hongqi Han, Didier El Baz, Gang Cheng, Zeyu Liang, Understanding User Preferences in Location-Based Social Networks via a Novel Self-Attention Mechanism, Sustainability, 8 December 2022, 14, 16414, doi 10.3390/su142416414

Q1

Number of quotes Google Scholar: **3**; Number of quotes Scopus: **3**.
Number of quotes Research Gate: **5**; Number of reading on Research Gate: **71**.

RI9 Didier El Baz, Bilal Fakhri, Romeo Sánchez Nigenda, Vincent Boyer, Parallel Best-first Search Algorithms for Planning Problems on Multi-core Processors, The Journal of Supercomputing, Volume 78, Issue 3, February 2022, p. 3122-3151.

<https://doi.org/10.1007/s11227-021-03986-z>

https://link.springer.com/epdf/10.1007/s11227-021-03986-z?sharing_token=YdeH1D66I0hVduV3_xeePfe4RwlQNchNByi7wbcMAY4DT21SA6zkDotxoKN2ASE7qGYeiv_DTlh-1PHFsiygXoyJ2HtnX5Men523QGcYu5ghs516THwPdsV4jTPLBDPwIaFQZ5QbuDEWWAMMqPH3RvmBj7CkbfIgnUUjVxp1yUw%3D

z?sharing_token=YdeH1D66I0hVduV3_xeePfe4RwlQNchNByi7wbcMAY4DT21SA6zkDotxoKN2ASE7qGYeiv_DTlh-1PHFsiygXoyJ2HtnX5Men523QGcYu5ghs516THwPdsV4jTPLBDPwIaFQZ5QbuDEWWAMMqPH3RvmBj7CkbfIgnUUjVxp1yUw%3D

Q2,

Number of quotes Google Scholar: **6**; Number of quotes Scopus: **4**.
Number of quotes Research Gate: **6**; Number of reading on Research Gate: **314**.

RI10 Didier El Baz, Andrei Doncescu, Fuzzy Multi-Agent Simulation of COVID-19 Pandemic Spreading. Biomed J Sci & Tech Res 39(4)-2021. BJSTR. MS.ID.006331. ISSN: 2574-1241, 2021, Vol. 39, Issue 4, pp. 31519-31521.

DOI: 10.26717/BJSTR.2021.39.006331

Number of quotes Research Gate: **24**.

RI11 Jia Luo, Rui Xue, Jinglu Hu, Didier El Baz, Combating the Infodemic: A Chinese Infodemic Dataset for Misinformation Identification, Healthcare, 2021, 9, 1094, Special Issue "Novel Coronavirus (SARS-CoV-2) Outbreak: Epidemiology, Research and Implications for Public Health", 13 pages.

doi : 10.3390/healthcare9091094

Q2

Number of quotes Google Scholar: **15**; Number of quotes Scopus: **13**.
Number of quotes Research Gate: **15**; Number of reading Research Gate: **163**.

RI12 H. Zhang, D. El Baz, V. C. Leung, Guest Editor's Introduction: Special Section on Green Computing in Internet of Things, IEEE Transactions on Emerging Topics in Computing (IEEE TETC), Volume 8, N° 3, 3 September 2020, p. 750-751,

doi: 10.1109/TETC.2020.2999237

Q1

Number of quotes Research Gate: **3**.

RI13 Jia Luo, Didier El Baz, Rui Xue, Jinglu Hu, Solving the dynamic energy aware job shop scheduling problem with the heterogeneous parallel genetic algorithm, Future Generation Computer Systems, Vol. 108, July 2020, p. 119–134. doi: 10.1016/j.future.2020.02.019

Q1, SJR 2018: 1,22 (Rank A Core)

Number of quotes Google Scholar: **51**; Number of quotes Scopus: **43**.
Number of quotes Research Gate: **45**; Number of reading on Research Gate: **17**.

RI14 Bilal Fakhri, Didier El Baz, Igor Kottenko, GRIDHPC, A Decentralized Environment for High Performance Computing, Concurrency and Computation Practice and Experience, Vol. 32, N° 10, 25 May 2020,

<http://dx.doi.org/10.1002/cpe.5320>

Q2, SJR 2018: 0,31 (Rank A Core)

Number of quotes Google Scholar: **2**; Number of quotes Scopus: **2**.
Number of quotes Research Gate: **6**; Number of reading on Research Gate: **123**.

RI15 Maxim Kolomeets, Amira Benachour, Didier El Baz, Andrey Chechulin, Martin Strecker, Igor Kottenko, Reference architecture for social networks graph analysis, Journal of Wireless Mobile Networks, Ubiquitous Computing, and Dependable Applications, JoWUA, Vol 10, N° 4, December 2019, 109-125,

doi:10.22667/JOWUA.2019.12.31.109

Q2, SJR 2018: 0,44 (Rank A Core)

Number of quotes Google Scholar: **8**; Number of quotes Scopus: **8**.
Number of quotes Research Gate: **11**; Number of reading on Research Gate: **203**.

RI16 Li Zhu, Didier El Baz, A programmable actuator for combined motion and connection and its application to modular robot, *Mechatronics*, Vol. 58, April 2019, 9-19. doi.org/10.1016/j.mechatronics.2019.01.002

Q1, SJR 2018: 0,85

Number of quotes Google Scholar: **11**; Number of quotes Scopus: **8**.

Number of quotes Research Gate: **11**; Number of reading on Research Gate: **67**.

RI17 Jia Luo, Didier El Baz, A dual heterogeneous island genetic algorithm for solving large size flexible flow shop scheduling problems on hybrid multi-core CPU and GPU platforms, *Mathematical Problems in Engineering*, 13 March 2019, 1-13. doi.org/10.1155/2019/1713636

Q2, SJR 2018: 0,27

Number of quotes Google Scholar: **7**; Number of quotes Scopus: **6**.

Number of quotes Research Gate: **7**; Number of reading on Research Gate: **96**.

RI18 Jia Luo, Shigeru Fujimura, Didier El Baz, Bastien Plazolles, GPU based parallel genetic algorithm for solving an energy efficient dynamic flexible flow shop scheduling problem, *Journal of Parallel and Distributed Computing*, Vol. 133, November 2019, 244-257.

doi.org/10.1016/j.jpdc.2018.07.022

Q1, SJR 2018: 0,42 (Rank A* Core)

Number of quotes Google Scholar: **81**; Number of quotes Scopus: **54**.

Number of quotes Research Gate: **63**; Number of reading on Research Gate: **78**.

RI19 Adel Dabah, Ahcène Bendjoudi, Abdelhakim AitZai, Didier El Baz, Nadia Nouali Taboudjemat, Hybrid Multi-core CPU and GPU-based B&B Approaches for the Blocking Job Shop Scheduling Problem, *Journal of Parallel and Distributed Computing*, July 2018, 117, 73-86. doi.org/10.1016/j.jpdc.2018.02.005

Q1, SJR 2018: 0,42 (Rank A* Core)

Number of quotes Google Scholar: **20**; Number of quotes Scopus: **16**.

Number of quotes Research Gate: **17**; Number of reading on Research Gate: **73**.

RI20 Bastien Plazolles, Didier El Baz, Martin Spel, Vincent Rivola, Pascal Gegout, SIMD Monte-Carlo Numerical Simulations accelerated on GPU and Xeon Phi, *International Journal of Parallel Programming*, Vol. 46, N° 3 June 2018, 584-606, doi 10.1007/s10766-017-0509-y

Q2, SJR 2018: 0,29 (Rank A* Core)

Number of quotes Google Scholar: **17**; Number of quotes Scopus: **9**;

Number of quotes Research Gate: **11**; Number of reading on Research Gate: **201**.

RI21 D. El Baz, J. Bourgeois, Smart Cities in Europe and the ALMA Logistics Project, *ZTE Communications*, December 2015, Vol. 13, N° 4, p. 10 - 15.

Number of quotes Google Scholar: **25**; Number of quotes Scopus: **5**;

Number of quotes Research Gate: **15**; Number of reading on Research Gate: **33**.

RI22 W. Zhang, Q. Jin, D. El Baz, Enabling social Internet of things and social cloud, *IEEE Cloud Computing*, December 2015, Vol. 3, N° 9.

Q1, SJR 2018: 0,67

Number of quotes Google Scholar: **12**; Number of quotes Scopus: **9**;

Number of quotes Research Gate: **12**; Number of reading on Research Gate: **106**.

RI23 D. El Baz, V. Boyer, J. Bourgeois, E. Dedu, K. Boutoustous, Distributed part differentiation in a smart surface, *Mechatronics*, Vol. 22, Issue 5, 2012, p. 522-530.

Q1, SJR 2018: 0,85

Number of quotes Google Scholar: **37**; Number of quotes Scopus: **20**;

Number of quotes Research Gate: **32**; Number of reading on Research Gate: **79**.

RI24 V. Boyer, D. El Baz, M. Elkihel, Solving knapsack problems on GPU, *Computers and Operations Research*, Vol. 39, N° 1, 2012, p. 42-47.

Q1, SJR 2018 : 1,86

Impact factor de la revue : 2,60.

Number of quotes Google Scholar: **119**; Number of quotes Scopus: **62**;

Number of quotes Research Gate: **80**; Number of reading on Research Gate: **439**.

RI25 M. Lalami, M. Elkihel, D. El Baz, V. Boyer, A procedure-based heuristic for 0-1 multiple knapsack problems, *International Journal of Mathematics in Operational Research*, Vol. 4, N° 3, 2012, p. 214-224.

Q3, SJR 2018: 0,27

Number of quotes Google Scholar: **31**; Number of quotes Scopus: **15**;

Number of quotes Research Gate: **25**; Number of reading on Research Gate: **326**.

RI26 V. Boyer, D. El Baz, M. Elkihel, A dynamic programming method with lists for the knapsack sharing problem, *Computers and Industrial Engineering*, Vol. 61, N° 1, 2011, p. 274-278.

Q1, SJR 2018: 1,33

Number of quotes Google Scholar: **19**; Number of quotes Scopus: **15**;

Number of quotes Research Gate: **17**; Number of reading on Research Gate: **341**.

RI27 V. Boyer, D. El Baz, M. Elkihel, Solution of multidimensional knapsack problems via cooperation of dynamic programming and branch and bound, *European Journal of Industrial Engineering*, Vol. 4, N. 4, 2010, p. 434-449.

Q2, SJR 2018: 0,53

Number of quotes Google Scholar: **36**; Number of quotes Scopus: **19**;

Number of quotes Research Gate: **30**; Number of reading on Research Gate: **1342**.

RI28 D. El Baz, M. Elkihel, L. Gély, G. Plateau, Improved time and space complexity for Kianfar's inequality rotation algorithm, *European Journal of Industrial Engineering*, Vol. 3, N° 1, 2009, p. 90-98.

Q2, SJR 2018: 0,53

Number of quotes Research Gate: **61**.

RI29 V. Boyer, M. Elkihel, D. El Baz, Heuristics for the 0-1 multidimensional knapsack problem, *European Journal of Operational Research*, Vol. 199, N° 3, 2009, p. 658-664.

Q1, SJR 2018: 2,21 (rank A Core)

Number of quotes Google Scholar: **104**; Number of quotes Scopus: **66**;

Number of quotes Research Gate: **76**; Number of reading on Research Gate: **731**.

RI30 J.-C. Miellou, P. Spiteri, D. El Baz, A new stopping criterion for linear perturbed asynchronous iterations, *Journal of Computational and Applied Mathematics*, Vol. 219, N° 2, October 1, 2008, p. 471-483.

Q2, SJR 2018: 0,85

Number of quotes Google Scholar: **28**; Number of quotes Scopus: **16**;

Number of quotes Research Gate: **20**; Number of reading on Research Gate: **46**.

RI31 M. Chau, D. El Baz, R. Guivarch, P. Spiteri, MPI implementation of parallel sub-domain methods for linear and nonlinear convection-diffusion problems, *Journal of Parallel and Distributed Computing*, Vol. 67, 2007, p. 581-591.

Q1, SJR 2018: 0,42 (Rank A* Core)

Number of quotes Google Scholar: **33**; Number of quotes Scopus: **22**;

Number of quotes Research Gate: **32**; Number of reading on Research Gate: **104**.

RI32 J.-C. Miellou, P. Spiteri, D. El Baz, Stopping criteria, forward and backward errors for perturbed asynchronous linear fixed-point methods in finite precision, *IMA Journal of Numerical Analysis*, vol. 25, 2005, p. 429-442.

Q1, SJR 2018: 1,76

Number of quotes Google Scholar: **8**;

Number of quotes Research Gate: **11**; Number of reading on Research Gate: **51**.

RI33 D. El Baz, A. Frommer, P. Spiteri, Asynchronous iterations with flexible communication: Contracting operators, *Journal of Computational and Applied Mathematics*, Vol. 176, Issue 1, April 2005, p. 91-103.

Q2, SJR 2018: 0,85

Number of quotes Google Scholar: **44**; Number of quotes Scopus: **23**;

Number of quotes Research Gate: **37**; Number of reading on Research Gate: **54**.

RI34 D. El Baz, M. Elkihel, Load balancing methods and parallel dynamic programming algorithm using dominance technique applied to the 0-1 knapsack problem, *Journal of Parallel and Distributed Computing*, Vol. 65, 2005, p. 74-84.

Q1, SJR 2018: 0,42 (Rank A* Core)

Number of quotes Google Scholar: **46**; Number of quotes Scopus: **24**;

Number of quotes Research Gate: **31**; Number of reading on Research Gate: **111**.

RI35 P. Spiteri, J.C. Miellou, D. El Baz, Parallel asynchronous Schwarz and Multisplitting method for a nonlinear diffusion problem, Numerical Algorithms, Vol. 33, N°4, p. 461-474, 2003.

Q2, SJR 2018: 0,94

Number of quotes Google Scholar: **31**; Number of quotes Scopus: **19**;

Number of quotes Research Gate: **28**; Number of reading on Research Gate: **53**.

RI36 P. Spiteri, J.C. Miellou, D. El Baz, Perturbation of parallel asynchronous linear iterations by floating point errors, Electronic Transactions on Numerical Analysis, Vol. 13, p. 38-55, 2002.

Q2, SJR 2018: 0,95

Number of quotes Google Scholar: **11**; Number of quotes Scopus: **9**;

Number of quotes Research Gate: **9**; Number of reading on Research Gate: **74**.

RI37 M. Jarraya, D. El Baz, Implementation of distributed iterative algorithm for optimal control problems on several parallel architectures, Journal of Systems and Software, Vol. 60, p. 141-148, 2002.

Q1, SJR 2018: 0,55 (rank A Core)

Number of quotes Google Scholar: **3**;

Number of reading on Research Gate: **12**.

RI38 D. El Baz, P. Spiteri, J.C. Miellou, M. Jarraya, Mathematical study of perturbed asynchronous iterations designed for distributed termination, International Mathematical Journal, Vol. 1, N°5, p. 491-503, 2002.

Number of quotes Google Scholar: **5**;

Number of quotes Research Gate: **3**; Number of reading on Research Gate: **22**.

RI39 J.C. Miellou, D. El Baz, P. Spiteri, A new class of asynchronous iterative methods with order intervals, Mathematics of Computation, Vol. 67, N°221 p. 237-255, 1998.

Q1, SJR 2018: 1,5 (rank A Core)

Number of quotes Google Scholar: **88**; Number of quotes Scopus: **49**;

nombre de citations sur Research Gate: **69**; Number of reading on Research Gate: **55**.

RI40 D. El Baz, P. Spiteri, J.C. Miellou, D. Gazen, Asynchronous iterative algorithms with flexible communication for nonlinear network flow problems, Journal of Parallel and Distributed Computing, Vol. 38, p. 1-15, 1996.

Q1, SJR 2018: 0,42 (Rank A* Core)

Number of quotes Google Scholar: **70**; Number of quotes Scopus: **39**;

Number of quotes Research Gate: **59**; Number of reading on Research Gate: **45**.

RI41 D. El Baz, A method of terminating asynchronous iterative algorithms on message passing systems, Parallel Algorithms and Applications, Vol. 9, N°1, p. 153-158, 1996.

Number of quotes Google Scholar: **45**;

Number of quotes Research Gate: **35**; Number of reading on Research Gate: **44**.

RI42 D. El Baz, Asynchronous gradient algorithms for a class of convex separable network flow problems, Computational Optimization and Applications, Vol. 5, p. 187-205, 1996.

Q1, SJR 2018: 1

Number of quotes Google Scholar: **23**; Number of quotes Scopus: **13**;

Number of quotes Research Gate: **20**; Number of reading on Research Gate: **56**.

RI43 D. El Baz, Asynchronous implementation of relaxation and gradient algorithms for convex network flow problems, Parallel Computing, Vol. 19, p. 1019-1028, 1993.

Q2, SJR 2018: 0,33 (rank A Core)

Number of quotes Google Scholar: **14**; Number of quotes Scopus: **5**;

RI44 C. Ribeiro and D. El Baz, A parallel optimal routing algorithm, Parallel Computing, Vol. 18, p. 1393-1402, 1992.

Q2, SJR 2018: 0,33(rank A Core)

Number of quotes Google Scholar: **5**; Number of quotes Scopus: **5**;

Number of quotes Research Gate: **39**.

RI45 D. El Baz, M-functions and parallel asynchronous algorithms, SIAM Journal on Numerical Analysis, Vol. 27, N°1, p. 136-140, 1990.

Q1, SJR 2018: 2,07

Number of quotes Google Scholar: **62**; Number of quotes Scopus: **25**;
Number of quotes Research Gate: **42**; Number of reading on Research Gate: **24**.

RI46 D. P. Bertsekas, D. El Baz, Distributed asynchronous relaxation methods for convex network flow problems, SIAM Journal on Control and Optimization, Vol. 25, N°1, p. 74-85, 1987.

Q1, SJR 2018: 1,19

Number of quotes Google Scholar: **130**; Number of quotes Scopus: **50**;
Number of quotes Research Gate: **104**; Number of reading on Research Gate: **123**.

RI47 J. Bernussou, G. Authie, J.L. Calvet, D. El Baz, Routage distribué dans les réseaux de communication, RAIRO APII Automatique, Vol. 18, N°2, p. 161-172, 1984.

Papers Submitted in Scientific Journals

RIAS1 Hao Mo, Didier El Baz, Ligu Zhua, Suping Wanga, Songfu Tana, Hongning Zhaoa, Lei Shi, Jia Luo, mCache: Enable Importance-Aware Model Cacheability for Inference Serving, submitted to Engineering Applications of Artificial Intelligence.

RIAS2 Mohamed Jarraya, Didier El Baz, Efficient Exam Timetabling Heuristics in the Context of the COVID-19 Pandemic, submitted to Expert Systems with Applications.

RIAS3 Didier El Baz, On Geometry, Motion and Turbulence in Leonardo's Virgin and Child with Saint Anne, hal-03767784v1, 2022, submitted to Leonardo.

RIAS4 Jia Luo, Xiaoye Feng, Yang Yang, Didier El Baz, A Hybrid Transfer Learning Model for Ternary Classification in Health Misinformation Detection, submitted to Engineering Applications of Artificial Intelligence.

Papers in National Journals

RN1 P. Spiteri, J. C. Miellou, D. El Baz, Asynchronous Schwarz alternating methods with flexible communication for the obstacle problem, Calculateurs Parallèles, Réseaux et Systèmes Répartis, Vol. 13, N°1, p. 47-66, 2001.

Number of quotes Google Scholar: **24**.

Number of quotes Research Gate: **20**; Number of reading on Research Gate: **175**.

RN2 M. Jarraya, D. El Baz, D. Gazen, Mise en oeuvre de méthodes itératives asynchrones avec communication flexible II, implémentations sur Cray T3E, SMP, et réseau de stations, Calculateurs Parallèles, Réseaux et Systèmes Répartis, Vol. 10, N°4, p. 439-447, 1998.

Number of quotes Google Scholar: **2**.

Number of quotes Research Gate: **2**; Number of reading on Research Gate : **1**.

RN3 D. El Baz, D. Gazen, J. C. Miellou, P. Spiteri, Mise en œuvre de méthodes itératives asynchrones avec communication flexible I, application à la résolution d'une classe de problèmes d'optimisation, Calculateurs Parallèles, Réseaux et Systèmes Répartis, Vol. 8, N°4, p. 393-410, 1996.

Number of quotes Research Gate: **3**; Number of reading on Research Gate : **68**.

RN4 D. El Baz, Mise en œuvre d'algorithmes itératifs distribués asynchrones sur un réseau de Transputers, Calculateurs Parallèles, Réseaux et Systèmes Répartis, Vol 1, N°3, p. 31-40, 1989.

Edited Books or Special Issues of Journals

ELO01 G. Danoy, D. El Baz, Guest Editors, Special issue on Parallel/Distributed Combinatorics and Optimization, Algorithms, December 2022

ELO02 G. Danoy, D. El Baz, B. Dorronsoro, Guest editor special issue on Parallel/Distributed Combinatorics and Optimization, Swarm and Evolutionary Computation, December 2020 DOI: 10.1016/j.swevo.2020.100798
Number of reading on Research Gate: **72**.

ELO03 H. Zhang, D. El Baz, V. C. Leung, IEEE Transactions on Emerging Topics in Computing (IEEE TETC), Volume 8, N° 3, 3 September 2020, Special Section on Green Computing in Internet of Things, 10.1109/TETC.2020.2999237

ELO04 I. Kotenko, C. Badica, V. Desnitsky, D. El Baz, M. Ivanovic editors, Intelligent Distributed Computing XIII, Conference proceedings IDC 2019, Studies in Computational Intelligence, 868, Springer, 2019. ISSN 1860-9503, ISBN 978-3-030-32257-1

Nombre de citations sur Google Scholar : **2** ;

Number of quotes Research Gate: **4**, Number of reading on Research Gate: **62**.

ELO05 B. Dorronsoro, G. Danoy, D. El Baz, The Journal of Parallel and Distributed Computing, Special Issue on Advances in Parallel and Distributed Combinatorial Optimization, Vol. 133, 358 pages, Elsevier, 2019.

Q2, SJR 2018: 0,42 (Rank A* Core)

Number of reading on Research Gate: **38**.

ELO06 L. Bellatreche, C. Leung, Y. Xia, D. El Baz editors, Foreword to the Special Issue of Advances in Cloud and Big Data Computing of the Journal of Concurrency and Computation: Practice and Experience (CCPE), Wiley Intersciences, 25 January 2019. doi 10.1002/cpe.5053

Q1, SJR 2018: 0,85 (rank A Core)

Number of quotes Google Scholar: **9**; Number of quotes Scopus: **9**.

Number of quotes Research Gate: **9**, Number of reading on Research Gate: **32**.

ELO07 H. Ning, D. El Baz, L. T. Yang and R. Wang, Heterogeneous Sensors Based Object Identification and Information Fusion, International Journal of Communication Systems, Wiley Intersciences, 25 Mars 2017.

doi 10.1002/dac.3298

Q2, SJR 2018: 0,28

Number of quotes Google Scholar: **1**; Number of quotes Scopus: **1**.

Number of quotes Research Gate: **1**, Number of reading on Research Gate: **14**.

ELO08 L. Veiga, D. El Baz, J. M. P. Cardoso editors, Special Issue on Recent Advances in Computational Science and Engineering Research of the Journal of Computational Science, Elsevier, Vol. 23, September 15, 2017.

Q1, SJR 2018: 0,58

Number of quotes Google Scholar: **1**; Number of quotes Scopus: **1**.

Number of quotes Research Gate: **1**, Number of quotes Research Gate: **14**.

ELO09 D. El Baz et al. editors, Proceedings of the 3rd IEEE Smart World Congress, 17th IEEE International Conference on Scalable Computing and Communications, 14th IEEE International Conference on Ubiquitous Intelligence and Computing, San Francisco USA, 4-8 Août 2017, ISBN: 978-1-5386-0434-2

(Rank B Core) B2 (Qualis).

Number of quotes Research Gate: **1**, Number of reading on Research Gate: **140**.

ELO10 D. El Baz, J. Bourgeois, editors, Proceedings of the 13th IEEE International Conference on Ubiquitous Intelligence and Computing, 13th IEEE International Conference on Advanced and Trusted Computing, 16 IEEE International Conference on Scalable Computing and Communications, IEEE International Conference on Cloud and Big Data Computing, IEEE International Conference on Internet of People, IEEE Smart World Congress, IEEE Computer Society, Toulouse France, July 18 - 21, 2016.

DOI: 10.1109/UIC-ATC-ScalCom-CBDCCom-IoP-SmartWorld.2016.0007

SJR 2018: 0,21 (Rank B Core) B2 (Qualis).

ELO11 W. Zhang, Q. Jiny, D. El Baz editors, Enabling Social Internet of Things and Social Cloud, IEEE Cloud Computing, Vol. 3, N° 9, December 2015.

doi 10.1109/MCC.2015.112

Q1, SJR 2018: 0,67

Number of quotes Google Scholar: **11**; Number of quotes Scopus: **7**;

Number of quotes Research Gate: **9**; Number of reading on Research Gate: **71**.

ELO12 Ch. Plessl, D. El Baz, Guojing Cong, J. M. P. Cardoso, L. Veiga, T. Rauber, editors, Proceedings of the 18th IEEE International Conference on Computational Science and Engineering (CSE-2015), IEEE Computer Society, Porto Portugal, 978-1-4673-8297-7, 21 - 23 October 2015, doi 10.1109/CSE.2015.5.
SJR 2018: 0,15; B4 (Qualis).

ELO13 D. El Baz, editor, Proceedings of the 17th IEEE International Conference on Computational Science and Engineering (CSE-2014), IEEE Computer Society, Chengdu China, 19 - 21 December 2014, doi: 10.1109/CSE.2014.8.
SJR 2018: 0,15; B4 (Qualis).

ELO14 D. El Baz, F. Spies, editors, Proceedings of the 17th International Conference on Parallel, Distributed and network-based Processing, Weimar, Germany, 18 - 20 February 2009, IEEE CPS, 460 pages.
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