

3. Produção vinculada a Teses e Dissertações

3.1 Artigos completos publicados em periódicos

1	MORAES, D. K. T.; ROCHA, G. K.; A Hiperidrose no Contexto Escolar; ISSN: 01021117; EDUCAÇÃO EM DEBATE (UFC); 2018
2	ROCHA, H. L.; Almeida, Regina C.; LIMA, E. A. B. F.; RESENDE, A. C. M.; Oden, J. Tinsley; YANKEELOV, T. E.; A hybrid three-scale model of tumor growth; ISSN: 02182025; MATHEMATICAL MODELS & METHODS IN APPLIED SCIENCES; 2018
3	BARBOSA, HELIO J. C.; BERNARDINO, HEDER S.; ANGELO, JAQUELINE S.; An improved differential evolution algorithm for optimization including linear equality constraints; ISSN: 18659284; Memetic Computing; 2018
4	Ramos Pereira P I; GALES, A C; Marti M; TURJANSKI, ADRIÁN G.; NICOLÁS, Marisa Fabiana; PORTO, D. F.; LANZAROTTI, E.; SOSA, E.; BURGUENER, G.; PARDO, A. M.; Klein, Cecília C; Sagot M F; VASCONCELOS, A. T. R.; An integrative, multi-omics approach towards the prioritization of Klebsiella pneumoniae drug targets; ISSN: 20452322; Scientific Reports; 2018
5	XAVIER, M.; GOETHEM, N. VAN; NOVOTNY, A.A.; A simplified model of fracking based on the topological derivative concept; ISSN: 00207683; INTERNATIONAL JOURNAL OF SOLIDS AND STRUCTURES; 2018
6	IGREJA, IURY; LOULA, ABIMAEEL F.D.; A stabilized hybrid mixed DGFEM naturally coupling Stokes-Darcy flows; ISSN: 00457825; COMPUTER METHODS IN APPLIED MECHANICS AND ENGINEERING; 2018
7	MONDELLI, MARIA LUIZA; OCAÑA, KARY; GADELHA, LUIZ M.R.; MAGALHÃES, THIAGO; LOSS, GUILHERME; Wilde, Michael; Foster, Ian; Mattoso, Marta; KATZ, DANIEL; BARBOSA, HELIO; DE VASCONCELOS, ANA TEREZA R.; BioWorkbench: a high-performance framework for managing and analyzing bioinformatics experiments; ISSN: 21678359; PeerJ; 2018
8	Ferro, Mariza; SILVA, G. D.; KLOH, V. P.; Yokoyama, A. M.; Mury, Antonio; Schulze, B.; Challenges in HPC Evaluation: Towards a Methodology for Scientific Application Requirements; ISSN: 1879808X; Advances in Parallel Computing; 2018
9	Fernanda Alves de Freitas Guedes; ROSSETTO, P. B.; GUIMARAES, F.; WILWERTH, M. W.; PAES, J. E. S.; NICOLÁS, Marisa Fabiana; Reinert F; PEIXOTO, R.; ALVES-FERREIRA, M.; Characterization of Laguncularia racemosa transcriptome and molecular response to oil pollution; ISSN: 0166445X; AQUATIC TOXICOLOGY; 2018
10	VICENTE, A. C. P.; COIMBRA, R. S.; Ramos Pereira P I; CARVALHO, F. M.; CAMARGO, D. R. A.; ALVES, C. F. M.; MORAES, G. L.; ALMEIDA, L. G. P.; Souza, R. C.; CIAPINA, L. P.; Nicolás, Marisa F.; RIBEIRO DE VASCONCELOS, ANA T.; Almeida, Luiz G. P.; Souza, Rangel C.; Comparative Genomic Analysis of a Clinical Isolate of Klebsiella quasipneumoniae subsp. similipneumoniae, a KPC-2 and OKP-B-6 Beta-Lactamases Producer Harboring Two Drug-Resistance Plasmids from Southeast Brazil; ISSN: 1664302X; Frontiers in Microbiology; 2018
11	BLANCO, P. J.; BULANT, C. A.; MÜLLER, L. O.; Talou, G. D. Maso; Bezerra, C. Guedes; LEMOS, P. L.; FEIJÓO, R. A.; Comparison of 1D and 3D Models for the Estimation of Fractional Flow Reserve; ISSN: 20452322; Scientific Reports; 2018
12	BOETTCHER, STEFAN; LI, SHANSHAN; FERNANDES, THARSO D.; Portugal, Renato; Complexity bounds on quantum search algorithms in finite-dimensional networks; ISSN: 24699926; PHYSICAL REVIEW A; 2018
13	LOPES, JOÃO PAULO BIZARRO; ALVIM GUEDES, ISABELLA; EMMANUEL DARDENNE, LAURENT; SILVA, LUANA; DA COSTA FRANARIN, GABRIELA; ANTONIO CESCHI, MARCO; SEIBERT LÜDTKE, DIOGO; FERREIRA DANTAS, RAFAEL; DE SALLES, CRISTIANE MARTINS CARDOSO; PAES SILVA-JR, FLORIANO; ROBERTO SENGHER, MARIO; Design, synthesis, cholinesterase inhibition and molecular modelling study of novel tacrine hybrids with carbohydrate derivatives; ISSN: 09680896; BIOORGANIC & MEDICINAL CHEMISTRY; 2018
14	FREITAS, ROSANA H. C. N.; FERNANDES, PATRÍCIA D.; FRAGA, CARLOS A. M.; CORDEIRO, NATÁLIA M.; CARVALHO, PATRÍCIA R.; ALVES, MARINA A.; GUEDES, ISABELLA A.; VALERIO, TAYNA S.; DARDENNE, LAURENT E.; LIMA, LÍDIA M.; BARREIRO, ELIEZER J.; Discovery of naphthyl- N -acylhydrazone p38α MAPK inhibitors with in vivo anti-inflammatory and anti-TNF-α activity; ISSN: 17470277; Chemical Biology & Drug Design; 2018

15	Ítalo Messias Felix Santos; MIRANDA JUNIOR, G. F.; RODRIGUES, Paulo Sérgio; GIRALDI, G. A.; Dual Active Contour Models for Segmentation: Survey on Level Set and Variational Formulations; ISSN: 24703532; Internal Medicine Review; 2018
16	OLIVEIRA, RAFAEL SACHETTO; ALONSO, SERGIO; CAMPOS, Fernando Otaviano; ROCHA, Bernardo Martins; FERNANDES, JOÃO FILIPE; KUEHNE, TITUS; dos Santos, Rodrigo Weber; Ectopic beats arise from micro-reentries near infarct regions in simulations of a patient-specific heart model; ISSN: 20452322; Scientific Reports; 2018
17	Portugal, Renato; Element distinctness revisited; ISSN: 15700755; Quantum Information Processing; 2018
18	ABRAHAO, F. S.; WEHMUTH, K.; ZIVIANI, A.; Emergent Open-Endedness from Contagion of the Fittest; ISSN: 08912513; COMPLEX SYSTEMS; 2018
19	GUEDES, ISABELLA A.; PEREIRA, FELIPE S. S.; DARDENNE, LAURENT E.; Empirical Scoring Functions for Structure-Based Virtual Screening: Applications, Critical Aspects, and Challenges; ISSN: 16639812; Frontiers in Pharmacology; 2018
20	GUIMARÃES, KARINE; Extension of reward-attention circuit model: Alcohol's influence on attentional focus and consequences on autism spectrum disorder; ISSN: 09252312; NEUROCOMPUTING; 2018
21	T.J. Machado; A. Canelas; A.A. Novotny; J.R. Roche; Fast solution of the inverse electromagnetic casting problem; ISSN: 1615147X; STRUCTURAL AND MULTIDISCIPLINARY OPTIMIZATION; 2018
22	GUIMARÃES, KARINE; MADUREIRA, DANIELE Q.M.; MADUREIRA, Alexandre L.; Interactions between Astrocytes and the Reward-Attention Circuit: A Model for Attention Focusing in the Presence of Nicotine; ISSN: 13890417; Cognitive Systems Research; 2018
23	MASO TALOU, GONZALO D.; BLANCO, PABLO J.; ARES, GONZALO D.; GUEDES BEZERRA, CRISTIANO; LEMOS, PEDRO A.; FEIJÓO, RAÚL A.; Mechanical Characterization of the Vessel Wall by Data Assimilation of Intravascular Ultrasound Studies; ISSN: 1664042X; Frontiers in Physiology; 2018
24	ISKIN DA S. COSTA, MICHEL; DOS ANJOS, LUCAS; Multiple hydra effect in a predator-prey model with Allee effect and mutual interference in the predator; ISSN: 03043800; ECOLOGICAL MODELLING; 2018
25	ROCHA, FELIPE FIGUEREDO; Blanco, Pablo Javier; SÁNCHEZ, PABLO JAVIER; FEIJÓO, RAÚL ANTONINO; Multi-scale modelling of arterial tissue: Linking networks of fibres to continua; ISSN: 00457825; COMPUTER METHODS IN APPLIED MECHANICS AND ENGINEERING; 2018
26	MENDONCA, M. R. F.; ZIVIANI, A.; Network-Based Procedural Story Generation; ISSN: 15443574; COMPUTERS IN ENTERTAINMENT; 2018
27	FERNANDEZ, L.; Novotny, A. A.; PRAKASH, R.; Noniterative Reconstruction Method for an Inverse Potential Problem Modeled by a Modified Helmholtz Equation; ISSN: 15322467; Numerical Functional Analysis and Optimization; 2018
28	ROSALINO JR., E.; SILVA, A. J.; Baczynski, J.; LEAO, D.; Pricing and hedging barrier options; ISSN: 15241904; APPLIED STOCHASTIC MODELS IN BUSINESS AND INDUSTRY; 2018
29	OSOWSKY, J.; DE SOUZA, C. E.; COUTINHO, D.; Regional Stability of Two-Dimensional Nonlinear Polynomial Fornasini-Marchesini Systems; ISSN: 10498923; INTERNATIONAL JOURNAL OF ROBUST AND NONLINEAR CONTROL; 2018
30	DOS SANTOS, RENATHA BATISTA; TORII, ANDRÉ JACOMEL; NOVOTNY, ANTONIO ANDRÉ; Reliability-based topology optimization of structures under stress constraints; ISSN: 00295981; INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN ENGINEERING; 2018
31	CHAGAS, BRUNO; Portugal, Renato; BOETTCHER, STEFAN; SEGAWA, ETSUO; Staggered quantum walk on hexagonal lattices; ISSN: 24699926; PHYSICAL REVIEW A; 2018
32	HIDEO-KAJITA, ALEXANDRE; Blanco, Pablo; LEMOS, PEDRO A.; GARCIA-GARCIA, HECTOR; BEZERRA, CRISTIANO; PINTON, FÁBIO A.; FALCÃO, BRENO; MARIANI, JOSE; BULANT, CARLOS; TALOU, GONZALO MASO; FILH ESTEVES, ANTONIO ESTEVES; TCT-308 Comparison between fractional flow reserve (FFR) and Computational fractional flow reserve derived from three-dimensional intravascular ultrasound (FFR-IVUS), percentage of diameter stenosis by visual estimation and bi-dimensional quantitative coronary angiography.; ISSN: 07351097; JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY; 2018
33	BEZERRA, CRISTIANO; LEMOS, PEDRO A.; PINTON, FÁBIO A.; MÜLLER, LUCAS; BULANT, CARLOS; TALOU, GONZALO MASO; FEIJÓO, RAUL A.; FILH ESTEVES, ANTONIO ESTEVES; Blanco, Pablo; TCT-619 Comparison of one-dimensional (1D) and three-dimensional (3D) models for the estimation of coronary fractional flow reserve through cardiovascular imaging; ISSN: 07351097; JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY; 2018

34	LOULA, A. F. D.; Faria, C.O.; Núñez, Y.R.; MALTA, S.M.C.; The influence of velocity field approximations in tracer injection processes; ISSN: 16771966; TEMA. Tendências em Matemática Aplicada e Computacional; 2018
35	BULANT, C.A.; Blanco, P.J.; CLAUSSE, A.; BEZERRA, C.; LIMA, T.P.; ÁVILA, L.F.R.; LEMOS, P.A.; Feijóo, R.A.; Thermodynamic analogies for the characterization of 3D human coronary arteries; ISSN: 17468094; Biomedical Signal Processing and Control; 2018
36	L. Fernandez; A. A. Novotny; R. Prakash; Topological Asymptotic Analysis of an Optimal Control Problem Modeled by a Coupled System; ISSN: 09217134; ASYMPTOTIC ANALYSIS; 2018

3.2 Capítulos de livros

1	Yokoyama, D.; DIAS, VICTOR; BANDINI, MATHEUS; Kloh, H; Gomes Pinto, R C; REBELLO, E. F. V.; SCHULZE, B.; Affinity Aware Scheduler of Cluster Virtual Nodes on Clouds; Advances in Computers and Software Engineering: Reviews; ISBN: 9788409055593; 2018
2	DUFEEK, AMANDA SABATINI; Augusto, Douglas Adriano; Barbosa, Helio José Corrêa; Dufek, Amanda Sabatini; Augusto, Douglas Adriano; da Silva Dias, Pedro Leite; Multi- and Many-Threaded Heterogeneous Parallel Grammatical Evolution; Handbook of Grammatical Evolution; DOI: 10.1007/978-3-319-78717-6_9; ISBN: 9783319787169; 2018
3	Karam-Filho, José; GIRALDI, GILSON A.; Judice, Sicilia Ferreira; Rendering Equation; Encyclopedia of Computer Graphics and Games; DOI: 10.1007/978-3-319-08234-9_106-2; ISBN: 9783319082349; 2018
4	Orlando, José Ignacio; Barbosa Breda, João; van Keer, Karel; Blaschko, Matthew B.; BLANCO, PABLO J.; BULANT, CARLOS A.; Towards a Glaucoma Risk Index Based on Simulated Hemodynamics from Fundus Images; Lecture Notes in Computer Science; DOI: 10.1007/978-3-030-00934-2_8; ISBN: 9783030009335; 2018

3.3 Artigos aceitos

1	C. C. Graciani Rodrigues; M. G. Todorov; M. D. Fragoso; A Detector-based Approach for H∞ Filtering of Markov Jump Linear Systems with Partial Mode Information; DOI: 10.1049/iet-cta.2018.5640; ISSN: 17518644; 2018
2	Barbosa, Helio J. C.; Bernardino, Heder S.; ANGELO, JAQUELINE S.; An improved differential evolution algorithm for optimization including linear equality constraints; DOI: 10.1007/s12293-018-0268-3; ISSN: 18659292; 2018
3	BEZERRA, CRISTIANO G.; FEIJÓO, RAÚL A.; KALIL-FILHO, ROBERTO; GARCIA-GARCIA, HECTOR M.; BLANCO, PABLO J.; LEMOS, PEDRO A.; HIDEO-KAJITA, ALEXANDRE; BULANT, CARLOS A.; MASO-TALOU, GONZALO D.; MARIANI, JOSE; PINTON, FABIO A.; FALCÃO, BRENO A. A.; ESTEVES-FILHO, ANTÔNIO; FRANKEN, MARCELO; Coronary fractional flow reserve derived from intravascular ultrasound imaging: Validation of a new computational method of fusion between anatomy and physiology; DOI: 10.1002/ccd.27822; ISSN: 15221946; 2018
4	XAVIER, M.; A. A. Novotny; J. Sokolowski; Crack Growth Control Based on the Topological Derivative of the Rice's Integral; ISSN: 03743535; 2018
5	Judice, Sicilia Ferreira; ANTONIO GIRALDI, GILSON; Fluid Animation Using Sketching, Diffusion-Reaction and Lattice Boltzmann Models; ISSN: 15480992; 2018
6	MENDONCA, M. R. F.; ZIVIANI, A.; BARRETO, A. M. S.; Graph-Based Skill Acquisition for Reinforcement Learning; ISSN: 03600300; 2018

3.4 Trabalhos completos publicados em Anais de Congressos

1	MENDONCA, M. R. F.; ZIVIANI, A.; BARRETO, A. M. S.; Abstract State Transition Graphs for Model-Based Reinforcement Learning; 7th Brazilian Conference on Intelligent Systems (BRACIS); 2018
2	ZIVIANI, A.; WEHMUTH, KLAUS; COSTA, B. B. A.; BECHARA, J. V. M.; A Multilayer and Time-varying Structural Analysis of the Brazilian Air Transportation Network; Latin America Data Science (LADaS) Workshop, International Conference on Very Large Data Bases (VLDB 2018); 2018
3	MASCARENHAS, J. G. Z.; VIEIRA, A. B.; ZIVIANI, A.; Análise da Rede de Transações do Ethereum; I Workshop de Blockchain: Teoria, Tecnologias e Aplicações (WBlockchain), SBRC 2018; 2018

4	RODRIGUES, F. M.; XAVIER, C.; EVSUKOFF, A.; ZIVIANI, A.; VIEIRA, V.; Análise de Mobilidade Urbana em Diferentes Estratos Sociais a partir de uma Rede de Telefonia Móvel; II Workshop de Computação Urbana (CoUrb 2018); 2018
5	ALVAREZ, LUIS ALONSO MANSILLA; Blanco, Pablo Javier; FEIJÓO, RAÚL ANTONINO; An efficient method for the numerical solution of blood flow in 3D bifurcated regions; CNMAC 2017 XXXVII Congresso Nacional de Matemática Aplicada e Computacional; 2018
6	SOUTO, Y. M.; Porto, Fabio; Moura, A. M. C.; BEZERRA, E.; A Spatiotemporal Ensemble Approach to Rainfall Forecasting; International Joint Conference on Neural Networks.; 2018
7	Gomes, A. T. A.; ZILLMER, F.; Avaliação de desempenho de um simulador numérico distribuído e tolerante a falhas baseado no modelo de atores; Workshop em Clouds e Aplicações (WCGA); 2018
8	WEHMUTH, KLAUS; ZIVIANI, A.; Avoiding Spurious Paths in Centralities based on Shortest Paths in High Order Networks; Latin American Symposium on Dependable Computing (LADC), 2018; 2018
9	ZIVIANI, A.; WEHMUTH, K.; Centralities in High Order Networks; III Encontro de Teoria de Computação (ETC 2018), CSBC 2018; 2018
10	Porto, Fabio; KHATIBI, A.; RITTMAYER, J. G.; Ogasawara, E.; VALDURIEZ, Patrick; SHASHA, D.; Constellation Queries over Big Data; 33 Simposio Brasileiro de Bancos de dados - SBBDD 2018; 2018
11	Eliaquim Monteiro Ramos; Leandro Tavares da Silva; J.S. Cardoso; GIRALDI, G.A.; Deep Neural Network for Vector Field Topology Recognition with Applications to Fluid Flow Summarization; CILAMCE 2018 ? XXXIX Ibero-Latin American Congress on Computational Methods in Engineering; 2018
12	LEMONS, PEDRO A.; BLANCO, P. J.; BULANT, C.A.; MÜLLER, L.O.; MASO TALOU, GONZALO; GUEDES BEZERRA, C.; FEIJÓO, R. A.; Desenvolvimento e validação de um método de baixo custo computacional para a estimativa da reserva fracionada de fluxo coronário através de imagens cardiovasculares; XXXIX Congresso da Sociedade de Cardiologia do Estado de São Paulo; 2018
13	Bernardino, Heder S.; BARBOSA, HELIO J.C.; ANGELO, JAQUELINE S.; Differential Evolution with Adaptive Penalty and Tournament Selection for Optimization Including Linear Equality Constraints; 2018 IEEE Congress on Evolutionary Computation (CEC); 2018
14	SILVA, A. J.; Baczynski, J.; Efficient Solutions for Pricing and Hedging IDI Options with Jumps and Stochastic Volatility; Research in Options 2018; 2018
15	LIMA, EMERSON CORREIA; CUSTODIO, FABIO LIMA; ROCHA, GREGORIO KAPPAUN; DARDENNE, LAURENT E.; Estimating Protein Structure Prediction Models Quality Using Convolutional Neural Networks; 2018 International Joint Conference on Neural Networks (IJCNN); 2018
16	ABRAHAO, F. S.; WEHMUTH, K.; ZIVIANI, A.; SOBREIRA, F. A.; Expected Emergence of Algorithmic Information from a Lower Bound for Stationary Prevalence.; III Encontro de Teoria de Computação (ETC 2018), CSBC 2018; 2018
17	ABRAHAO, F. S.; WEHMUTH, K.; ZIVIANI, A.; Expected Emergent Algorithmic Creativity and Integration in Dynamic Complex Networks.; III Encontro de Teoria de Computação (ETC 2018), CSBC 2018; 2018
18	PRADO JUNIOR, G. F. A.; BITTENCOURT, M. S.; Blanco, P.J.; BULANT, C.A.; HOFFMANN, U.; RASSI, C.; HULTEN, E. A.; BLANKSTEIN, R.; LEMOS, PEDRO A.; Geometria tridimensional coronária é fator determinante de infarto miocárdico futuro; XXXIX Congresso da Sociedade de Cardiologia do Estado de São Paulo; 2018
19	ROCHA, GREGORIO K.; DOS SANTOS, KARINA B.; ANGELO, JAQUELINE S.; CUSTODIO, FABIO L.; BARBOSA, HELIO J.C.; DARDENNE, LAURENT E.; Inserting Co-Evolution Information from Contact Maps into a Multiobjective Genetic Algorithm for Protein Structure Prediction; 2018 IEEE Congress on Evolutionary Computation (CEC); 2018
20	GRACIANI RODRIGUES, C. C.; TODOROV, M. G.; FRAGOSO, M. D.; Mean Square Stability and H2 -Control for Markov Jump Linear Systems with Multiplicative Noises and Partial Mode Information; 57th IEEE Conference on Decision and Control; 2018
21	CARNIVALI, G. S.; VIEIRA, A. B.; ESQUEF, P. A. A.; ZIVIANI, A.; Método Rápido de Agrupamento de Vértices para Detecção de Comunidades em Redes Complexas de Larga-escala; WPerformance 2018; 2018
22	SOUTO, R. P.; WELTER, M. E. S.; MELO, M. S.; OSTHOFF, C.; BORSETI, R. J. P.; RODRIGUES, L. F.; DIAS, P. L. S.; VIGILANT, F.; New computational developments on chemistry module of BRAMS numerical weather prediction (to appear); XXXVIII Congresso Nacional de Matemática Aplicada e Computacional (CNMAC 2018); 2018

23	FILISBINO, T. A.; C.E. Thomaz; ANTONIO GIRALDI, GILSON; Nonlinear Discriminant Principal Component Analysis for Image Classification and Reconstruction; Brazilian Conference on Intelligent Systems (BRACIS); 2018
24	BEIRIGO, R. L.; TODOROV, M. G.; BARRETO, A. M. S.; Online TD (λ) for Discrete-Time Markov Jump Linear Systems; 2018 57th IEEE Conference on Decision and Control (CDC); 2018
25	MONDELLI, M. L. B.; GADELHA JUNIOR, L. M. R.; ZIVIANI, A.; O Que os Países Escutam: Analisando a Rede de Gêneros Musicais ao Redor do Mundo; BraSNAM; 2018
26	MAGALHAES, T. T.; KREMPSE, EDUARDO; BARBOSA, H. J. C.; Parallel Models of Differential Evolution for Bilevel Programming; 2018 Int'l Conf. Artificial Intelligence; 2018
27	KLOH, V. P.; SILVA, G. D.; Yokoyama, A. M.; Ferro, M; SCHULZE, B.; Performance and Energy Efficiency Evaluation for HPC Applications in Heterogeneous Architectures; XIX Simposio em Sistemas Computacionais de Alto Desempenho (WSCAD); 2018
28	MULLER, L. O.; CAIAZZO, A.; BLANCO, P. J.; Personalization of one-dimensional blood flow models via a reduced-order unscented Kalman filter in the frequency domain; VPH2018, Virtual Physiological Human; 2018
29	PORTO, FABIO; RITTMAYER, JOÃO N.; Ogasawara, Eduardo; KRONE-MARTINS, ALBERTO; Valdúriez, Patrick; SHASHA, DENNIS; Point pattern search in big data; the 30th International Conference; 2018
30	ROSALINO JR., E.; Baczynski, J.; Pricing Multi-Asset Options with Hyperplane Barrier; Research in Options 2018; 2018
31	Baczynski, J.; Otazu, J.B.R.; Pricing Path-dependent Derivative Securities: A New Approach; Research in Options 2018; 2018
32	GUZZETTI, S.; ALVAREZ, L. A. M.; BLANCO, P. J.; CARLBERG, K. T.; VENEZIANI, A.; Reduced models for uncertainty quantification in the cardiovascular network via domain decomposition; Model Reduction of Parametrized Systems IV; 2018
33	Valdúriez, P.; MASSEGLIA, F.; Silva, V.; OCANA, K.; Eduardo Ogaswara; DE OLIVEIRA, DANIEL; PACITTI, Esther; Porto, Fabio; SHASHA, D.; Akbarinia, R.; BORGES, H.; Alvaro Countinho; GASPAS, D.; LEMUS, N.; LIU, J.; LUSTOSA, H.; MATTOSO, Marta; Camata, J.; Scientific Data Analysis Using Data-Intensive Scalable Computing: the SciDISC Project; 1st LADaS - Latin American Data Science Workshop; 2018
34	KLOH, V. P.; SILVA, G. D.; Yokoyama, A. M.; Ferro, M; SCHULZE, B.; SMCis: um sistema para o monitoramento de aplicações científicas em ambientes HPC; XIX Simposio em Sistemas Computacionais de Alto Desempenho (WSCAD); 2018
35	Abreu, A.; Cunha, L.; T.D. Fernandes; Figueiredo, C.; Kowada, L.; F. L. Marquezino; Posner, D.; R Portugal; The Graph Tessellation Cover Number: Extremal Bounds, Efficient Algorithms and Hardness; 13th Latin American Symposium; 2018
36	VALENTIN, F.; Gabriel R. Barrenechea; JAILLET, F.; Paredes, D.; The multiscale hybrid-mixed finite element method in polygonal meshes; 13th International Workshop on Variational Multiscale and Stabilized Finite Elements (VMS 18); 2018
37	Marlo Moesia Barroso; José Karam F.; ANTONIO GIRALDI, GILSON; Uma Nova Metodologia para a Extensão de Operações Matemáticas Sucessivas; Congresso Nacional de Matemática Aplicada e Computacional; 2018
38	BARREIRO, DAIANA SOARES; KARAM-FILHO, JOSÉ; DE FARIA, CRISTIANE OLIVEIRA; Um Estudo de Estabilidade para uma Formulação Híbrida Primal Estabilizada Aplicada ao Problema de Calor; CNMAC 2017 XXXVII Congresso Nacional de Matemática Aplicada e Computacional; 2018