

1

Part of the work belonging to the institution

1

Percent of the whole work belonging to the UoA

100

Bibliographic description in original language

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Applied mathematics and computation. New York : Elsevier Science. ISSN 0096-3003. 2013, vol. 225. DOI:

10.1016/j.amc.2013.09.029. [Compendex; Science Citation Index Expanded (Web of Science); Academic Search Premier] [Impact. f.: 1,600 (2013, InCites JCR SCIE)] [CiteScore: 1,92, SNIP: 1,478, SJR: 1,143 (2013, Scopus JM)] [FOR: 01P] [Contribution: 1,000]

<https://www.sciencedirect.com/science/article/abs/pii/S0096300313010011>

2

Part of the work belonging to the institution

0,75

Percent of the whole work belonging to the UoA

100

Bibliographic description in original language

Valantinas, Jonas; Kančelkis, Deividas; Valantinas, Rokas; Viščiūtė, Gintarė. Improving space localization properties of the discrete wavelet transform = Diskrečių bangelių transformacijų lokalizavimo erdvėje savybių gerinimas // Informatica. Vilnius : Institute of Mathematics and Informatics. ISSN 0868-4952. 2013, Vol. 24, no. 4, p. 657-675. [MathSciNet; Zentralblatt MATH (zbMATH); Scopus; INSPEC; Science Citation Index Expanded (Web of Science)] [Impact. f.: 0,901 (2013, InCites JCR SCIE)] [CiteScore: 1,07, SNIP: 0,843, SJR: 0,364 (2013, Scopus JM)] [FOR: 01P] [Contribution: 0,750]

<http://www.mii.lt/informatica/pdf/INFO1007.pdf>

3

Part of the work belonging to the institution

1

Percent of the whole work belonging to the UoA

100

Bibliographic description in original language

Palubeckis, Gintaras. An improved exact algorithm for least-squares unidimensional scaling // Journal of applied mathematics. New York : Hindawi. ISSN 1110-757X. 2013, p. [1-15]. DOI: 10.1155/2013/890589. [MathSciNet; Academic Search Complete; Current Abstracts; INSPEC; Science Citation Index Expanded (Web of Science)] [Impact. f.: 0,720 (2013, InCites JCR SCIE)] [CiteScore: 0,76, SNIP: 0,632, SJR: 0,294 (2013, Scopus JM)] [FOR: 01P] [Contribution: 1,000]

<https://www.hindawi.com/journals/jam/2013/890589/>

4

Part of the work belonging to the institution

0,75

Percent of the whole work belonging to the UoA

100

Bibliographic description in original language

Navickas, Zenonas; Bikulčienė, Liepa; Rahula, Maido; Ragulskis, Minvydas Kazys. Algebraic operator method for the construction of solitary solutions to nonlinear differential equations // Communications in nonlinear science and numerical simulation. Amsterdam : Elsevier Science. ISSN 1007-5704. 2013, vol. 18, iss. 6, p. 1374-1389. DOI:

10.1016/j.cnsns.2012.10.009. [Science Citation Index Expanded (Web of Science)] [Impact. f.: 2,569 (2013, InCites JCR SCIE)]

[CiteScore: 3,15, SNIP: 1,899, SJR: 1,534 (2013, Scopus JM)] [FOR: 01P] [Contribution: 0,750]

<https://pdfs.semanticscholar.org/cff8/3877a84fae439f90a0a1ceac68d19a1e2b4e.pdf>

5

Part of the work belonging to the institution

Percent of the whole work belonging to the UoA

Bibliographic description in original language

Alzbutas, Robertas; lešmantas, Tomas; Povilaitis, Mantas; Vitkutė, Jūratė. Risk and uncertainty analysis of gas pipeline failure and gas combustion consequence // Stochastic environmental research and risk assessment. Berlin : Springer. ISSN 1436-3240. eISSN 1436-3259. 2014, Vol. 28, Iss.6, p. 1431-1446. DOI: 10.1007/s00477-012-0608-7. [SpringerLink; Science Citation Index Expanded (Web of Science); Academic Search Premier] [Impact. f.: 2,086 (2014, InCites JCR SCIE)] [CiteScore: 2,30, SNIP: 1,429, SJR: 1,008 (2014, Scopus JM)] [FOR: 01P, 09P, 06T] [Contribution: 0,375]

<https://link.springer.com/article/10.1007/s00477-013-0845-4>

6

Part of the work belonging to the institution

Percent of the whole work belonging to the UoA

Bibliographic description in original language

Pranevičius, Henrikas; Pranevičius, Mindaugas; Pranevičius, Osvaldas; Šnipas, Mindaugas; Paulauskas, Nerijus; Bukauskas, Feliksas. Continuous time Markov chain models of voltage gating of gap junction channels = Ląstelių plyšinių jungčių kanalų laidumo modeliavimas tolydaus laiko Markovo grandinėmis // Informacinės technologijos ir valdymas = Information technology and control / Kauno technologijos universitetas. Kaunas : Technologija. ISSN 1392-124X. 2014, T. 43, nr. 2, p. 133-142. DOI: 10.5755/j01.itc.43.2.3198. [VINITI; Scopus; INSPEC; Science Citation Index Expanded (Web of Science)] [Impact. f.: 0,623 (2014, InCites JCR SCIE)] [CiteScore: 1,03, SNIP: 0,827, SJR: 0,300 (2014, Scopus JM)] [FOR: 01P, 07T] [Contribution: 0,249]

<http://itc.ktu.lt/index.php/ITC/article/view/3198/3660>

7

Part of the work belonging to the institution

Percent of the whole work belonging to the UoA

Bibliographic description in original language

Alzbutas, Robertas; lešmantas, Tomas. Application of Bayesian methods for age-dependent reliability analysis // Quality and reliability engineering international. Hoboken : Wiley-Blackwell. ISSN 0748-8017. 2014, Vol. 30, iss. 1, p. 121-132. DOI:

10.1002/qre.1482. [Academic Search Complete; Scopus; Science Citation Index Expanded (Web of Science)] [Impact. f.:

1,191 (2014, InCites JCR SCIE)] [CiteScore: 1,50, SNIP: 1,613, SJR: 1,118 (2014, Scopus JM)] [FOR: 01P, 06T] [Contribution:

0,250]

<https://onlinelibrary.wiley.com/doi/abs/10.1002/qre.1482>

8

Part of the work belonging to the institution

1

Percent of the whole work belonging to the UoA

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Bibliographic description in original language

Žukienė, Kristina; Jankauskaitė, Virginija; Petraitiienė, Stasė. Three-dimensional modeling of chloroprene rubber surface topography upon composition // Applied Surface Science. Amsterdam : Elsevier. ISSN 0169-4332. eISSN 1873-5584. 2014, Vol. 292, p. 506-513. DOI: 10.1016/j.apsusc.2013.12.002. [Scopus; Compendex; INSPEC; Science Citation Index Expanded (Web of Science)] [Impact. f.: 2,711 (2014, InCites JCR SCIE)] [CiteScore: 2,96, SNIP: 1,477, SJR: 0,958 (2014, Scopus JM)] [FOR: 01P, 08T] [Contribution: 0,333]

<https://www.sciencedirect.com/science/article/pii/S0169433213022599>

9

Part of the work belonging to the institution

1

Percent of the whole work belonging to the UoA

100

Bibliographic description in original language

Palubeckis, Gintaras. Fast simulated annealing for single-row equidistant facility layout // Applied mathematics and computation. New York : Elsevier. ISSN 0096-3003. eISSN 1873-5649. 2015, vol. 263, p. 287-301. DOI:

10.1016/j.amc.2015.04.073. [Current Contents / Physical, Chemical & Earth Sciences; ScienceDirect; Science Citation Index Expanded (Web of Science); Academic Search Premier] [Impact. f.: 1,345 (2015, InCites JCR SCIE)] [CiteScore: 1,70, SNIP: 1,250, SJR: 0,950 (2015, Scopus JM)] [FOR: 01P, 09P] [Contribution: 1,000]

<http://www.sciencedirect.com/science/article/pii/S0096300315005354>

10

Part of the work belonging to the institution

1

Percent of the whole work belonging to the UoA

100

Bibliographic description in original language

Vaidelys, Martynas; Ragulskienė, Jūratė; Žiaukas, Pranas; Ragulskis, Minvydas. Image hiding scheme based on the atrial fibrillation model // Applied sciences. Basel : MDPI AG. ISSN 2076-3417. 2015, vol. 5, iss. 4, p. 1980-1991. DOI:

10.3390/app5041980. [Scopus; Current Contents / Physical, Chemical & Earth Sciences; Science Citation Index Expanded (Web of Science)] [Impact. f.: 1,726 (2015, InCites JCR SCIE)] [FOR: 01P] [Contribution: 1,000]

<http://www.mdpi.com/2076-3417/5/4/1980>

11

Part of the work belonging to the institution

1

Percent of the whole work belonging to the UoA

100

Bibliographic description in original language

Valakevičius, Eimutis; Bražėnas, Mindaugas. Application of the seasonal Holt-Winters model to study exchange rate volatility // Inžinerinė ekonomika = Engineering economics. Kaunas : KTU. ISSN 1392-2785. eISSN 2029-5839. 2015, vol. 26, iss. 4, p. 384-390. DOI: 10.5755/j01.ee.26.4.5210. [IBSS: International Bibliography of the Social Sciences; Social Sciences Citation Index (Web of Science); DOAJ (Directory of Open Access Journals) (nenaudotinas); Business Source Complete] [Impact. f.: 0,806 (2015, InCites JCR SSCI)] [CiteScore: 1,13, SNIP: 0,922, SJR: 0,479 (2015, Scopus JM)] [FOR: 01P] [Contribution: 1,000]

<http://inzeko.ktu.lt/index.php/EE/article/view/5210>

12

Part of the work belonging to the institution

0,334

Percent of the whole work belonging to the UoA

100

Bibliographic description in original language

Kabašinskas, Audrius; Vaičiulytė, Ingrida; Vasiliauskaitė, Asta. Accounting and governance risk forecasting in the health care industry // Economic research-Ekonomska istraživanja. Oxfordshire : Routledge-Taylor & Francis. ISSN 1331-677X. 2015, vol. 28, iss. 1, p. 487-501. DOI: 10.1080/1331677X.2015.1082434. [Scopus; Social Sciences Citation Index (Web of Science)] [Impact. f.: 0,466 (2015, InCites JCR SSCI)] [CiteScore: 0,58, SNIP: 0,420, SJR: 0,233 (2015, Scopus JM)] [FOR: 04S, 01P] [Contribution: 0,334]

<http://dx.doi.org/10.1080/1331677X.2015.1082434>

13

Part of the work belonging to the institution

0,25

Percent of the whole work belonging to the UoA

100

Bibliographic description in original language

Čiegis, Raimondas; Starikovičius, Vadimas; Tumanova, Natalija; Ragulskis, Minvydas Kazys. Application of distributed parallel computing for dynamic visual cryptography // The journal of supercomputing. New York : Springer Science+Business Media. ISSN 0920-8542. eISSN 1573-0484. 2016, Vol. 72, iss. 11, p. 4204-4220. DOI: 10.1007/s11227-016-1733-8. [Zentralblatt MATH (zbMATH); Scopus; SpringerLink; INSPEC; Science Citation Index Expanded (Web of Science)] [Impact. f.: 1,326 (2016, InCites JCR SCIE)] [CiteScore: 1,79, SNIP: 1,169, SJR: 0,419 (2016, Scopus JM)] [FOR: 01P, 09P, 07T] [Contribution: 0,250]

<http://link.springer.com/article/10.1007/s11227-016-1733-8>

14

Part of the work belonging to the institution

1

Percent of the whole work belonging to the UoA

100

Bibliographic description in original language

Vaidelienė, Gintarė; Valantinas, Jonas; Ražanskas, Petras. On the use of discrete wavelets in implementing defect detection system for texture images // Informacinės technologijos ir valdymas = Information technology and control. Kaunas : KTU. ISSN 1392-124X. eISSN 2335-884X. 2016, vol. 45, iss. 2, p. 214-222. DOI: 10.5755/j01.itc.45.2.12654. [Scopus; INSPEC; Science Citation Index Expanded (Web of Science)] [Impact. f.: 0,475 (2016, InCites JCR SCIE)] [CiteScore: 1,00, SNIP: 0,608, SJR: 0,276 (2016, Scopus JM)] [FOR: 01P] [Contribution: 1,000]

<https://www.ias-iss.org/ojs/IAS/article/view/1561>

15

Part of the work belonging to the institution

1

Percent of the whole work belonging to the UoA

33

Bibliographic description in original language

Karpušenkaitė, Aistė; Ruzgas, Tomas; Denafas, Gintaras. Forecasting medical waste generation using short and extra short datasets: case study of Lithuania // Waste management and research. London : SAGE Publications. ISSN 0734-242X. eISSN 1096-3669. 2016, vol. 34, iss. 4, p. 378-387. DOI: 10.1177/0734242X16628977. [Current Contents / Agriculture, Biology & Environmental Sciences; Current Contents / Engineering, Computing & Technology; BIOSIS Previews; Current Contents Collections / Business Collection; Compendex; INSPEC; MEDLINE; Science Citation Index Expanded (Web of Science)] [Impact. f.: 1,803 (2016, InCites JCR SCIE)] [CiteScore: 1,76, SNIP: 1,091, SJR: 0,673 (2016, Scopus JM)] [FOR: 01P, 04T] [Contribution: 0,333]

<http://wmr.sagepub.com/content/34/4/378.abstract>

16

Part of the work belonging to the institution

0,166

Percent of the whole work belonging to the UoA

100

Bibliographic description in original language

Puida, Mantas; Dabulytė-Bagdonavičienė, Jurgita; Ivanauskas, Feliksas; Razumas, Valdemaras; Razumienė, Julija; Šakinytė,

leva. Glucose sensor based on nanostructured carbon electrode with immobilized PQQ-containing glucose dehydrogenase:

Construction, experimental study and mathematical modeling // Nonlinear Analysis: Modelling and Control. Vilnius : Institute of Mathematics and Informatics. ISSN 1392-5113. 2016, Vol. 21, No. 5, p. 702-715. DOI: 10.15388/NA.2016.5.9. [Zentralblatt MATH (zbMATH); Scopus; INSPEC; Science Citation Index Expanded (Web of Science); IndexCopernicus] [Impact. f.: 0,952 (2016, InCites JCR SCIE)] [CiteScore: 0,99, SNIP: 0,747, SJR: 0,405 (2016, Scopus JM)] [FOR: 01P, 04P] [Contribution: 0,166]

[https://www.mii.lt/na/issues/NA\\_2105/NA2159.pdf](https://www.mii.lt/na/issues/NA_2105/NA2159.pdf)

17

Part of the work belonging to the institution

1

Percent of the whole work belonging to the UoA

100

Bibliographic description in original language

Sakalauskas, Eligijus; Michalkovič, Aleksejus. Improved asymmetric cipher based on matrix power function resistant to linear algebra attack // Informatica. Vilnius : Institute of Mathematics and Informatics. ISSN 0868-4952. eISSN 1822-8844. 2017, Vol. 28, iss. 3, p. 517-524. DOI: 10.15388/Informatica.2017.142. [Zentralblatt MATH (zbMATH); Scopus; MatSciNet; Science Citation Index Expanded (Web of Science)] [Impact. f.: 1,386 (2017, InCites JCR SCIE)] [CiteScore: 1,43, SNIP: 0,705, SJR: 0,465 (2017, Scopus JM)] [FOR: 01P] [Contribution: 1,000]

<http://dx.doi.org/10.15388/Informatica.2017.142>

18

Part of the work belonging to the institution

1

Percent of the whole work belonging to the UoA

100

Bibliographic description in original language

Navickas, Zenonas; Ragulskis, Minvydas; Marcinkevičius, Romas; Telksnys, Tadas. Kink solitary solutions to generalized Riccati equations with polynomial coefficients // Journal of mathematical analysis and applications. Atlanta, GA : Elsevier. ISSN 0022-247X. 2017, vol. 448, iss. 1, p. 156-170. DOI: 10.1016/j.jmaa.2016.11.011. [Scopus; Current Contents / Physical, Chemical & Earth Sciences; Science Citation Index Expanded (Web of Science)] [Impact. f.: 1,138 (2017, InCites JCR SCIE)] [CiteScore: 1,19, SNIP: 1,261, SJR: 1,103 (2017, Scopus JM)] [FOR: 01P, 09P] [Contribution: 1,000]

<http://dx.doi.org/10.1016/j.jmaa.2016.11.011>

19

Part of the work belonging to the institution

0,75

Percent of the whole work belonging to the UoA

100

Bibliographic description in original language

Palevičius, Paulius; Aleksa, Algiment; Maskeliūnas, Rimas; Ragulskis, Minvydas Kazys. Circular geometric moiré for degradation prediction of mechanical components performing angular oscillations // Mechanical systems and signal processing. Amsterdam : Elsevier. ISSN 0888-3270. 2017, vol. 86, pt. A, p. 278-285. DOI: 10.1016/j.ymsp.2016.10.011. [Current Contents / Engineering, Computing & Technology; Scopus; Science Citation Index Expanded (Web of Science)] [Impact. f.: 4,370 (2017, InCites JCR SCIE)] [CiteScore: 5,05, SNIP: 2,874, SJR: 1,805 (2017, Scopus JM)] [FOR: 09P, 01P] [Contribution: 0,750]

<http://dx.doi.org/10.1016/j.ymsp.2016.10.011>

20

Part of the work belonging to the institution

0,667

Percent of the whole work belonging to the UoA

100

Bibliographic description in original language

Šnipas, Mindaugas; Radziukynas, Virginijus; Valakevičius, Eimutis. Modeling reliability of power systems substations by using stochastic automata networks // Reliability engineering & system safety. Oxford : Elsevier. ISSN 0951-8320. eISSN 1879-0836. 2017, vol. 157, p. 13-22. DOI: 10.1016/j.res.2016.08.006. [Academic Search Research & Development; Academic Search Complete; Scopus; Science Citation Index Expanded (Web of Science)] [Impact. f.: 4,139 (2017, InCites JCR SCIE)] [CiteScore: 4,65, SNIP: 2,403, SJR: 1,665 (2017, Scopus JM)] [FOR: 09P, 01P] [Contribution: 0,667]

<http://dx.doi.org/10.1016/j.res.2016.08.006>