# Hasan Bulut

List of Publications by Year
in descending order

| | | |
|---|---|---|
| 70 papers | 2,345 citations | 304743 22 h-index |
| 71 all docs | 71 docs citations | 71 times ranked |

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|---|
| 233421 45 g-index |
| 1550 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | A robust test statistic for independence in high dimensional data. Communications in Statistics Part B: Simulation and Computation, 2024, 53, 702-713. | 1.2 | 1 |
| 2 | A robust Hotelling test statistic for one sample case in high dimensional data. Communications in Statistics - Theory and Methods, 2023, 52, 4590-4604. | 1.0 | 0 |
| 3 | An improved class of robust ratio estimators by using the minimum covariance determinant estimation. Communications in Statistics Part B: Simulation and Computation, 2022, 51, 2457-2463. | 1.2 | 11 |
| 4 | Metaheuristic task scheduling algorithms for cloud computing environments. Concurrency Computation Practice and Experience, 2022, 34, e6513. | 2.2 | 12 |
| 5 | <scp>SubStream</scp>: Online subtractive stream clustering algorithm. Concurrency Computation Practice and Experience, 2022, 34, . | 2.2 | 4 |
| 6 | Some new results of nonlinear model arising in incompressible visco€elastic Kelvin€"Voigt fluid. Mathematical Methods in the Applied Sciences, 2022, 45, 10347-10362. | 2.3 | 11 |
| 7 | Analysis and numerical computations of the fractional regularized long€wave equation with damping term. Mathematical Methods in the Applied Sciences, 2021, 44, 7538-7555. | 2.3 | 36 |
| 8 | Nonlinear dynamics of (2‰+‰1)€dimensional Bogoyavlenskii€"Schieff equation arising in plasma physics. Mathematical Methods in the Applied Sciences, 2021, 44, 10321-10330. | 2.3 | 18 |
| 9 | Improving hash-q exact string matching algorithm with perfect hashing for DNA sequences. Computers in Biology and Medicine, 2021, 131, 104292. | 7.0 | 9 |
| 10 | The WM-q multiple exact string matching algorithm for DNA sequences. Computers in Biology and Medicine, 2021, 136, 104656. | 7.0 | 8 |
| 11 | Preventing translation quality deterioration caused by beam search decoding in neural machine translation using statistical machine translation. Information Sciences, 2021, 581, 791-807. | 6.9 | 2 |
| 12 | Modified regression estimators using robust regression methods and covariance matrices in stratified random sampling. Communications in Statistics - Theory and Methods, 2020, 49, 3407-3420. | 1.0 | 33 |
| 13 | Optical Soliton Solutions of the Cubic-Quartic Nonlinear Schrödinger and Resonant Nonlinear Schrödinger Equation with the Parabolic Law. Applied Sciences (Switzerland), 2020, 10, 219. | 2.5 | 107 |
| 14 | An improved ant-based algorithm based on heaps merging and fuzzy c-means for clustering cancer gene expression data. Sadhana - Academy Proceedings in Engineering Sciences, 2020, 45, 1. | 1.3 | 9 |
| 15 | The construction of a composite index for general satisfaction in Turkey and the investigation of its determinants. Socio-Economic Planning Sciences, 2020, 71, 100811. | 5.0 | 10 |
| 16 | Mahalanobis distance based on minimum regularized covariance determinant estimators for high dimensional data. Communications in Statistics - Theory and Methods, 2020, 49, 5897-5907. | 1.0 | 9 |
| 17 | A robust EM clustering approach: ROBEM. Communications in Statistics - Theory and Methods, 2020, , 1-19. | 1.0 | 2 |
| 18 | On the new wave behavior of the Magneto-Electro-Elastic(MEE) circular rod longitudinal wave equation. International Journal of Optimization and Control: Theories and Applications, 2020, 10, 1-8. | 1.7 | 6 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | Singular solitons in the pseudo-parabolic model arising in nonlinear surface waves. Results in Physics, 2019, 12, 1712-1715. | 4.1 | 30 |
| 20 | New solitary wave structures to the (3â€¯+â€¯1) dimensional Kadomtsevâ€"Petviashvili and SchrÃ¶dinger equation. Journal of Ocean Engineering and Science, 2019, 4, 373-378. | 4.3 | 35 |
| 21 | Boussinesq equations: M-fractional solitary wave solutions and convergence analysis. Journal of Ocean Engineering and Science, 2019, 4, 1-6. | 4.3 | 29 |
| 22 | Modified ratio estimators using robust regression methods. Communications in Statistics - Theory and Methods, 2019, 48, 2039-2048. | 1.0 | 41 |
| 23 | Dark, bright optical and other solitons with conformable space-time fractional second-order spatiotemporal dispersion. Optik, 2018, 163, 1-7. | 2.9 | 47 |
| 24 | Investigations of dark, bright, combined dark-bright optical and other soliton solutions in the complex cubic nonlinear SchrÃ¶dinger equation with Î´-potential. Superlattices and Microstructures, 2018, 115, 19-29. | 3.1 | 58 |
| 25 | Optical solitons to the resonant nonlinear SchrÃ¶dinger equation with both spatio-temporal and inter-modal dispersions under Kerr law nonlinearity. Optik, 2018, 163, 49-55. | 2.9 | 58 |
| 26 | Fireworks: an intelligent location discovery algorithm for vehicular ad hoc networks. Wireless Networks, 2018, 24, 1361-1378. | 3.0 | 4 |
| 27 | Numerical simulation and solutions of the twoâ€component second order KdV evolutionarysystem. Numerical Methods for Partial Differential Equations, 2018, 34, 211-227. | 3.6 | 116 |
| 28 | Dark, bright and other soliton solutions to the Heisenberg ferromagnetic spin chain equation. Superlattices and Microstructures, 2018, 123, 12-19. | 3.1 | 55 |
| 29 | K-Ortalamalar ve parÃ§acÄ±k sÃ¼rÃ¼ optimizasyonu tabanlÄ± kÃ¼meleme algoritmalarÄ± iÃ§in yeni ilklendirme yaklaÅŸÄ±mlarÄ±. Journal of the Faculty of Engineering and Architecture of Gazi University, 2018, 33, 413-424. | 0.8 | 4 |
| 30 | An improved ant algorithm with LDA-based representation for text document clustering. Journal of Information Science, 2017, 43, 275-292. | 3.3 | 52 |
| 31 | The Effect of Neighborhood Selection on Collaborative Filtering and a Novel Hybrid Algorithm. Intelligent Automation and Soft Computing, 2017, 23, 261-269. | 2.1 | 1 |
| 32 | A hybrid ensemble pruning approach based on consensus clustering and multi-objective evolutionary algorithm for sentiment classification. Information Processing and Management, 2017, 53, 814-833. | 8.6 | 235 |
| 33 | Multiloop transportation simplex algorithm. Optimization Methods and Software, 2017, 32, 1206-1217. | 2.4 | 4 |
| 34 | The evaluation of socio-economic development of development agency regions in Turkey using classical and robust principal component analyses. Journal of Applied Statistics, 2017, 44, 2936-2948. | 1.3 | 9 |
| 35 | A hierarchical P2P clustering framework for video streaming systems. Computer Standards and Interfaces, 2017, 49, 44-58. | 5.4 | 12 |
| 36 | On scalable RDFS reasoning using a hybrid approach. Turkish Journal of Electrical Engineering and Computer Sciences, 2016, 24, 1208-1222. | 1.4 | 0 |

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|---|---------|-----|-----------|
| 37 | Ensemble of keyword extraction methods and classifiers in text classification. Expert Systems With Applications, 2016, 57, 232-247. | 7.6 | 469 |
| 38 | Auto-Bäcklund transformation for some nonlinear partial differential equation. Optik, 2016, 127, 10780-10785. | 2.9 | 12 |
| 39 | Performance comparison of non Delay Tolerant VANET routing protocols. , 2016, , . | | 6 |
| 40 | A multiobjective weighted voting ensemble classifier based on differential evolution algorithm for text sentiment classification. Expert Systems With Applications, 2016, 62, 1-16. | 7.6 | 280 |
| 41 | New prediction methods for collaborative filtering. Pamukkale University Journal of Engineering Sciences, 2016, 22, 123-128. | 0.4 | 0 |
| 42 | New solitary wave solutions of Maccari system. Ocean Engineering, 2015, 103, 153-159. | 4.3 | 53 |
| 43 | The Investigation Of The Factors Affecting On The Prices Of Real Estates In Samsun Via Hedonic Price Model. Alphanumeric Journal, 2015, 3, . | 0.7 | 3 |
| 44 | Overcoming limitations of term-based partitioning for distributed RDFS reasoning. , 2013, , . | | 1 |
| 45 | The Analytical Solution of Some Fractional Ordinary Differential Equations by the Sumudu Transform Method. Abstract and Applied Analysis, 2013, 2013, 1-6. | 0.7 | 62 |
| 46 | Classification of Exact Solutions for Generalized Form of Equation. Abstract and Applied Analysis, 2013, 2013, 1-11. | 0.7 | 6 |
| 47 | The Modified Trial Equation Method for Fractional Wave Equation and Time Fractional Generalized Burgers Equation. Abstract and Applied Analysis, 2013, 2013, 1-8. | 0.7 | 76 |
| 48 | New Multiple Solution to the Boussinesq Equation and the Burgers-Like Equation. Journal of Applied Mathematics, 2013, 2013, 1-6. | 0.9 | 4 |
| 49 | A New Method with a Different Auxiliary Equation to Obtain Solitary Wave Solutions for Nonlinear Partial Differential Equations. Advances in Mathematical Physics, 2013, 2013, 1-11. | 0.8 | 4 |
| 50 | The solutions of partial differential equations with variable coefficient by Sumudu Transform Method. AIP Conference Proceedings, 2012, , . | 0.4 | 9 |
| 51 | Comparing numerical methods for response of beams with moving mass. Advances in Engineering Software, 2010, 41, 976-980. | 3.8 | 19 |
| 52 | Comparing numerical methods for Boussinesq equation model problem. Numerical Methods for Partial Differential Equations, 2009, 25, 783-796. | 3.6 | 3 |
| 53 | Building and applying geographical information system Grids. Concurrency Computation Practice and Experience, 2008, 20, 1653-1695. | 2.2 | 31 |
| 54 | Fault-Tolerant Reliable Delivery of Messages in Distributed Publish/Subscribe Systems. , 2007, , . | | 9 |

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|---|---------|----|-----------|
| 55 | Management of real-time streaming data Grid services. Concurrency Computation Practice and Experience, 2007, 19, 983-998. | 2.2 | 14 |
| 56 | Service oriented architecture for VoIP conferencing. International Journal of Communication Systems, 2006, 19, 445-461. | 2.5 | 17 |
| 57 | Real Time Streaming Data Grid Applications. , 2006, , 253-267. | | 24 |
| 58 | Grid service architecture for videoconferencing. WIT Transactions on State-of-the-art in Science and Engineering, 2006, , 57-88. | 0.0 | 1 |
| 59 | Optimized communication using the SOAP infoset for mobile multimedia collaboration applications. , 2005, , . | | 14 |
| 60 | The Adomian decomposition method for the approximate solution of homogeneous differential equations with dual variable and dual coefficients. International Journal of Computer Mathematics, 2005, 82, 977-986. | 1.8 | 3 |
| 61 | Adapting H.323 Terminals in a Service-Oriented Collaboration System. IEEE Internet Computing, 2005, 9, 43-50. | 3.3 | 5 |
| 62 | Numerical solution of a viscous incompressible flow problem through an orifice by Adomian decomposition method. Applied Mathematics and Computation, 2004, 153, 733-741. | 2.2 | 30 |
| 63 | Global multimedia collaboration system. Concurrency Computation Practice and Experience, 2004, 16, 441-447. | 2.2 | 16 |
| 64 | On the oscillatory solutions of nonlinear hyperbolic differential equations by the decomposition method. International Journal of Computer Mathematics, 2004, 81, 639-645. | 1.8 | 1 |
| 65 | The numerical solution of the telegraph equation by the alternating group explicit (AGE) method. International Journal of Computer Mathematics, 2003, 80, 1289-1297. | 1.8 | 36 |
| 66 | Oscillations Of Solutions Of Initial Value Problems For Parabolic Equations By The Decomposition Method. International Journal of Computer Mathematics, 2003, 80, 863-868. | 1.8 | 2 |
| 67 | The numerical solution of multidimensional partial differential equations by the decomposition method. International Journal of Computer Mathematics, 2003, 80, 1189-1198. | 1.8 | 9 |
| 68 | Grid services for earthquake science. Concurrency Computation Practice and Experience, 2002, 14, 371-393. | 2.2 | 21 |
| 69 | eSports: Collaborative and Synchronous Video Annotation System in Grid Computing Environment. , 0, , . | | 16 |
| 70 | q â€frame hash comparison based exact string matching algorithms for DNA sequences. Concurrency Computation Practice and Experience, 0, , e6505. | 2.2 | 1 |