

Vicente Galiano

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

607
citations

840585

11
h-index

610775

24
g-index

47
all docs

47
docs citations

47
times ranked

1017
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Comment on "Parameter extraction of single-diode photovoltaic module using experimental current-voltage data". International Journal of Circuit Theory and Applications, 2022, 50, 772-773. | 1.3 | 0 |
| 2 | Quick and Accurate Strategy for Calculating the Solutions of the Photovoltaic Single-Diode Model Equation. IEEE Journal of Photovoltaics, 2022, 12, 493-500. | 1.5 | 8 |
| 3 | Noise-Scaled Euclidean Distance: A Metric for Maximum Likelihood Estimation of the PV Model Parameters. IEEE Journal of Photovoltaics, 2022, 12, 815-826. | 1.5 | 7 |
| 4 | In-depth analysis of single-diode model parameters from manufacturer's datasheet. Renewable Energy, 2021, 163, 1370-1384. | 4.3 | 16 |
| 5 | Performance Overview of the Latest Video Coding Proposals: HEVC, JEM and VVC. Journal of Imaging, 2021, 7, 39. | 1.7 | 4 |
| 6 | Load Balancing Strategies for Slice-Based Parallel Versions of JEM Video Encoder. Algorithms, 2021, 14, 320. | 1.2 | 0 |
| 7 | Aggregation of 25-hydroxycholesterol in a complex biomembrane. Differences with cholesterol. Biochimica Et Biophysica Acta - Biomembranes, 2020, 1862, 183413. | 1.4 | 12 |
| 8 | Location, Orientation and Aggregation of Bardoxolone-ME, CDDO-ME, in a Complex Phospholipid Bilayer Membrane. Journal of Membrane Biology, 2020, 253, 115-128. | 1.0 | 2 |
| 9 | Feasibility study of portable microwave microstrip open-loop resonator for non-invasive blood glucose level sensing: proof of concept. Medical and Biological Engineering and Computing, 2019, 57, 2389-2405. | 1.6 | 19 |
| 10 | A highly scalable parallel encoder version of the emergent JEM video encoder. Journal of Supercomputing, 2019, 75, 1429-1442. | 2.4 | 1 |
| 11 | Heterogeneous CPU plus GPU approaches for HEVC. Journal of Supercomputing, 2019, 75, 1215-1226. | 2.4 | 5 |
| 12 | Two-Step Linear Least-Squares Method For Photovoltaic Single-Diode Model Parameters Extraction. IEEE Transactions on Industrial Electronics, 2018, 65, 6301-6308. | 5.2 | 125 |
| 13 | New Mammalian Target of Rapamycin (mTOR) Modulators Derived from Natural Product Databases and Marine Extracts by Using Molecular Docking Techniques. Marine Drugs, 2018, 16, 385. | 2.2 | 29 |
| 14 | Discovery of nonnucleoside inhibitors of polymerase from infectious pancreatic necrosis virus (IPNV). Drug Design, Development and Therapy, 2018, Volume 12, 2337-2359. | 2.0 | 10 |
| 15 | Frame-Based and Subpicture-Based Parallelization Approaches of the HEVC Video Encoder. Applied Sciences (Switzerland), 2018, 8, 854. | 1.3 | 3 |
| 16 | Distributed memory parallel approaches for HEVC encoder. Journal of Supercomputing, 2017, 73, 164-175. | 2.4 | 6 |
| 17 | Molecular dynamics study of the membrane interaction of a membranotropic dengue virus C protein-derived peptide. Journal of Biomolecular Structure and Dynamics, 2017, 35, 1283-1294. | 2.0 | 10 |
| 18 | Spontaneous membrane insertion of a dengue virus NS2A peptide. Archives of Biochemistry and Biophysics, 2017, 627, 56-66. | 1.4 | 7 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Performance analysis of frame partitioning in parallel HEVC encoders. <i>Journal of Supercomputing</i> , 2017, 73, 543-556. | 2.4 | 2 |
| 20 | GPU-based HEVC intra-prediction module. <i>Journal of Supercomputing</i> , 2017, 73, 455-468. | 2.4 | 1 |
| 21 | Location of the bioactive pentacyclic triterpene ursolic acid in the membrane. A molecular dynamics study. <i>Journal of Biomolecular Structure and Dynamics</i> , 2017, 35, 2688-2700. | 2.0 | 6 |
| 22 | An Updated Review on Marine Anticancer Compounds: The Use of Virtual Screening for the Discovery of Small-Molecule Cancer Drugs. <i>Molecules</i> , 2017, 22, 1037. | 1.7 | 155 |
| 23 | Looking for inhibitors of the dengue virus NS5 RNA-dependent RNA-polymerase using a molecular docking approach. <i>Drug Design, Development and Therapy</i> , 2016, Volume 10, 3163-3181. | 2.0 | 38 |
| 24 | The Location of the Protonated and Unprotonated Forms of Arbidol in the Membrane: A Molecular Dynamics Study. <i>Journal of Membrane Biology</i> , 2016, 249, 381-391. | 1.0 | 7 |
| 25 | Shared Memory Tile-Based vs Hybrid Memory GOP-Based Parallel Algorithms for HEVC Encoder. <i>Lecture Notes in Computer Science</i> , 2016, , 521-528. | 1.0 | 2 |
| 26 | Oleuropein aglycone in lipid bilayer membranes. A molecular dynamics study. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 2849-2858. | 1.4 | 32 |
| 27 | Multicore-based 3D-DWT video encoder. <i>Eurasip Journal on Advances in Signal Processing</i> , 2013, 2013, . | 1.0 | 0 |
| 28 | GPU-based 3D lower tree wavelet video encoder. <i>Eurasip Journal on Advances in Signal Processing</i> , 2013, 2013, . | 1.0 | 1 |
| 29 | Fast 3D wavelet transform on multicore and many-core computing platforms. <i>Journal of Supercomputing</i> , 2013, 65, 848-865. | 2.4 | 8 |
| 30 | Enhancing LTW image encoder with perceptual coding and GPU-optimized 2D-DWT transform. <i>Eurasip Journal on Advances in Signal Processing</i> , 2013, 2013, . | 1.0 | 1 |
| 31 | Parallel strategies for 2D Discrete Wavelet Transform in shared memory systems and GPUs. <i>Journal of Supercomputing</i> , 2013, 64, 4-16. | 2.4 | 21 |
| 32 | The Association Between the North Atlantic Oscillation and the Interannual Variability of the Tropospheric Transport Pathways in Western Europe. <i>Geophysical Monograph Series</i> , 2013, , 127-142. | 0.1 | 4 |
| 33 | Improving image compression through the use of evolutionary computing algorithms. <i>WIT Transactions on Information and Communication Technologies</i> , 2013, , . | 0.0 | 1 |
| 34 | Benefits of Virtual Worlds in Educational Environments. <i>Advances in Game-based Learning Book Series</i> , 2013, , 305-315. | 0.2 | 0 |
| 35 | Review of simulations tools for channel coding. <i>WIT Transactions on Information and Communication Technologies</i> , 2013, , . | 0.0 | 0 |
| 36 | GPU-based parallel algorithms for sparse nonlinear systems. <i>Journal of Parallel and Distributed Computing</i> , 2012, 72, 1098-1105. | 2.7 | 13 |

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|----|--|-----|-----------|
| 37 | Parallel nonlinear preconditioners on multicore architectures. Journal of Supercomputing, 2011, 58, 160-167. | 2.4 | 1 |
| 38 | PyPnetCDF: A high level framework for parallel access to netCDF files. Advances in Engineering Software, 2010, 41, 92-98. | 1.8 | 3 |
| 39 | PyACTS: A Python Based Interface to ACTS Tools and Parallel Scientific Applications. International Journal of Parallel Programming, 2009, 37, 58-77. | 1.1 | 0 |
| 40 | Interfaces for parallel numerical linear algebra libraries in high level languages. Advances in Engineering Software, 2009, 40, 652-658. | 1.8 | 3 |
| 41 | A Case Study in Distributing a SystemC Model. Lecture Notes in Computer Science, 2009, , 99-106. | 1.0 | 0 |
| 42 | Air mass origin and its influence over the aerosol size distribution: a study in SE Spain. Advances in Science and Research, 2008, 2, 47-52. | 1.0 | 17 |
| 43 | Influence of meteorological input data on backtrajectory cluster analysis â€“ a seven-year study for southeastern Spain. Advances in Science and Research, 2008, 2, 65-70. | 1.0 | 23 |
| 44 | PyACTS: A High-Level Framework for Fast Development of High Performance Applications. , 2006, , 417-425. | | 2 |
| 45 | High-Level User Interfaces for the DOE ACTS Collection. , 2006, , 251-259. | | 2 |
| 46 | Speeding Up in Distributed SystemC Simulations. Advances in Soft Computing, 0, , 24-28. | 0.4 | 0 |
| 47 | GPU-Based Parallel Nonlinear Conjugate Gradient Algorithms. , 0, , . | | 0 |