# Cristina Morel

List of Publications by Year
in descending order

| 14 | 419 | 1163117 | 1281871 |
|----|-----|---------|---------|
| **14** papers | **419** citations | **8** h-index | **11** g-index |
| **14** all docs | **14** docs citations | **14** times ranked | **434** citing authors |

| # | ARTICLE | IF | CITATIONS |
|---|---------|----|-----------| 
| 1 | A novel MPPT (maximum power point tracking) algorithm based on a modified genetic algorithm specialized on tracking the global maximum power point in photovoltaic systems affected by partial shading. Energy, 2014, 74, 374-388. | 8.8 | 237 |
| 2 | A novel global MPPT based on genetic algorithms for photovoltaic systems under the influence of partial shading. , 2013, , . | | 44 |
| 3 | A novel maximum power point tracker based on analog and digital control loops. Solar Energy, 2011, 85, 588-600. | 6.1 | 37 |
| 4 | Low cost single stage micro-inverter with MPPT for grid connected applications. Solar Energy, 2013, 92, 241-255. | 6.1 | 31 |
| 5 | IMPROVEMENT OF POWER SUPPLY ELECTROMAGNETIC COMPATIBILITY BY EXTENSION OF CHAOS ANTICONTROL. Journal of Circuits, Systems and Computers, 2005, 14, 757-770. | 1.5 | 12 |
| 6 | Generating independent chaotic attractors by chaos anticontrol in nonlinear circuits. Chaos, Solitons and Fractals, 2005, 26, 541-549. | 5.1 | 10 |
| 7 | Anticontrol of Chaos Reduces Spectral Emissions. Journal of Computational and Nonlinear Dynamics, 2008, 3, . | 1.2 | 9 |
| 8 | A new technique to generate independent periodic attractors in the state space of nonlinear dynamic systems. Nonlinear Dynamics, 2010, 59, 45-60. | 5.2 | 9 |
| 9 | Velocity Sensor Fault-Tolerant Controller for Induction Machine Using Intelligent Voting Algorithm. Energies, 2022, 15, 3084. | 3.1 | 9 |
| 10 | A novel global MPPT algorithm for distributed MPPT systems. , 2013, , . | | 6 |
| 11 | Fault Diagnosis Methods and Fault Tolerant Control Strategies for the Electric Vehicle Powertrains. Energies, 2022, 15, 4840. | 3.1 | 6 |
| 12 | Open-Circuit Fault-Tolerant Strategy for Interleaved Boost Converters via Filippov Method. Energies, 2022, 15, 352. | 3.1 | 5 |
| 13 | Synchronization of chaotic attractors with different equilibrium points. International Journal of Computer Mathematics, 2014, 91, 1255-1280. | 1.8 | 3 |
| 14 | Reduction of EMI using anticontrol of chaos. , 2011, , . | | 1 |