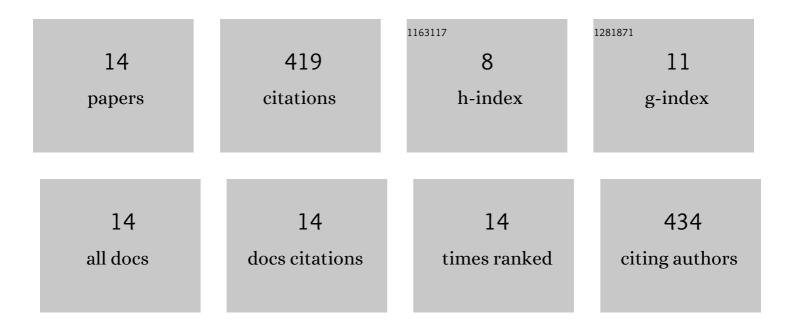
## **Cristina Morel**

List of Publications by Year in descending order

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| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | A novel MPPT (maximum power point tracking) algorithm based on a modified genetic algorithm<br>specialized on tracking the global maximum power point in photovoltaic systems affected by partial<br>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,<br>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,<br>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.<br>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.<br>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         |