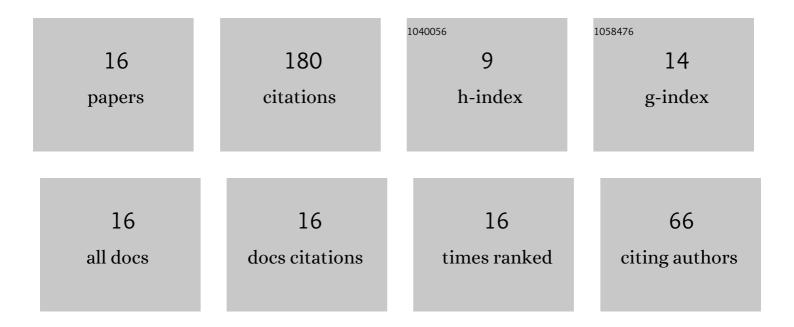
## Jacques Atangana

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5768217/publications.pdf Version: 2024-02-01



| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Bifurcations analysis and experimental study of the dynamics of a thermosensitive neuron conducted simultaneously by photocurrent and thermistance. European Physical Journal: Special Topics, 2022, 231, 993-1004.  | 2.6 | 18        |
| 2  | Multi-Raman soliton self-frequency shifts and dissipative rogue wave trains induced by<br>cubic-quintic-Raman contributions in a double-negative material. Physica B: Condensed Matter, 2022,<br>632, 413731.  | 2.7 | 3         |
| 3  | Phase synchronization between two thermo-photoelectric neurons coupled through a Josephson<br>Junction. European Physical Journal B, 2022, 95, 1.  | 1.5 | 16        |
| 4  | Phase synchronization, extreme multistability and its control with selection of a desired pattern in hybrid coupled neurons via a memristive synapse. Nonlinear Dynamics, 2022, 109, 925-942.  | 5.2 | 20        |
| 5  | Coexistence of Attractors and Its Control with Selection of a Desired Attractor in a Model of<br>Extended Hindmarsh–Rose Neuron with Nonlinear Smooth Fitting Function: Microcontroller<br>Implementation. Journal of Vibration Engineering and Technologies, 2022, 10, 2751-2764. | 2.2 | 1         |
| 6  | M-shaped and other exotic solitons generated by cubic-quintic saturable nonlinearities in a nonlinear electrical transmission network with higher-order dispersion effects. Chaos, Solitons and Fractals, 2022, 161, 112320.   | 5.1 | 4         |
| 7  | Multi-wave trains and Sasa - Satsuma freak events generation in an optical metamaterial. Chinese<br>Journal of Physics, 2021, 69, 50-69.   | 3.9 | 6         |
| 8  | Dynamical Evolution of Sasa–Satsuma Rogue Waves, Breather Solutions, and New Special Wave<br>Phenomena in a Nonlinear Metamaterial. Physica Status Solidi (B): Basic Research, 2021, 258, 2000316.   | 1.5 | 7         |
| 9  | Tree-like structures and Freak waves generation induced by quintic-nonlinearity and cubic-Raman effect in a nonlinear metamaterial. Optical and Quantum Electronics, 2020, 52, 1.  | 3.3 | 9         |
| 10 | Nonlinear surface waves at ferrite-metamaterial waveguide structure. Journal of Modern Optics, 2016, 63, 1552-1557.  | 1.3 | 5         |
| 11 | Akhmediev–Peregrine rogue waves generation in a composite right/left-handed transmission line.<br>Optical and Quantum Electronics, 2016, 48, 1.  | 3.3 | 15        |
| 12 | Kuznetsov–Ma waves train generation in a left-handed material. Journal of Modern Optics, 2015, 62,<br>392-402.   | 1.3 | 14        |
| 13 | Efficient method of calculation of Raman soliton self-frequency shift in nonlinear optical media.<br>Optics Communications, 2015, 339, 194-208.  | 2.1 | 13        |
| 14 | Influence of the refractive index cladding on guided modes in a negative-index slab waveguide. , 2014, ,   |     | 2         |
| 15 | Rogue wave train generation in a metamaterial induced by cubic-quintic nonlinearities and second-order dispersion. Physical Review E, 2014, 90, 032911.  | 2.1 | 25        |
| 16 | Optical rogue waves generation in a nonlinear metamaterial. Optics Communications, 2014, 331, 334-347.   | 2.1 | 22        |