Top Ten Publications (in chronological order)

1.- *A generalized Weyl correspondence*,
M. Gadella, E. Santos,
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2.- *A rigged Hilbert space of Hardy class functions: applications to resonances.*
M. Gadella.
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3.- *On the RHS description of resonances and virtual states*,
M. Gadella,
J. Math. Phys., **25**, 2481, (1984).

4.- *A RHS for the free radiation field*,
M. Gadella,
J. Math. Phys., **26**, 725, (1985).

5.- *Quadratic Hamiltonians in phase space quantum mechanics*,
M. Gadella, J.M. Gracia Bondia, L.M. Nieto, and J.C. Varilly,
J. Phys A: Math. Gen. **22**, 2709, (1989).

6.- *Dirac kets, Gamow vectors and Gelfand triplets*
A. Bohm, M. Gadella,
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7.- *The Stratonovich-Weyl correspondence for one dimensional kinematical groups*,
M. Gadella, M.A. Martín, L.M. Nieto, M.A. del Olmo,
J. Math. Phys., **32**, 1182 (1991).

8.- *Moyal Formulation of Quantum Mechanics*,
M. Gadella,
Fortschritte der Physik, **43**, 229 (1995).

9.- *Vector States for Single and Multiple Pole Resonances*,
M. Gadella,
Int. J. Theor. Phys., **36**, 2271 (1997).

10.- *Derivation of Gamow Vectors for resonances in Cut-Off Potentials*,
M. Gadella
Lett. Math. Phys. **41**, 279 (1997).

Current Preprints

1.- *Relativistic Gamow Vectors*,
I. Antoniou, M. Gadella, I. Prigogine, and G.E. Pron'ko,
J. Math. Phys. (1998).

2.- *Resonances and Time Reversal Operator in Rigged Hilbert Spaces*,
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Int. J. Theor. Phys. (1998).

3.- *Some Comments on the RHS Formulation of Resonance Scattering*,
M. Gadella, A. Ordóñez,
Int. J. Theor. Phys. (1998).