

Giancarlo Ghirardi

List of Publications by Year in descending order

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51
papers

1,974
citations

586496

16
h-index

299063

42
g-index

52
all docs

52
docs citations

52
times ranked

861
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Conceptual Difficulties of Standard Quantum Mechanics and the Role of Noise in Overcoming Them. Fluctuation and Noise Letters, 2016, 15, 1640007. | 1.0 | 1 |
| 2 | Quantum Mechanics and Perceptive Processes: A Reply to Elio Conte. International Journal of Theoretical Physics, 2015, 54, 2135-2140. | 0.5 | 0 |
| 3 | Is a description deeper than the quantum one possible?. Physica Scripta, 2014, T163, 014028. | 1.2 | 3 |
| 4 | Matter Density and Relativistic Models of Wave Function Collapse. Journal of Statistical Physics, 2014, 154, 623-631. | 0.5 | 107 |
| 5 | The parts and the whole: Collapse theories and systems with identical constituents. Studies in History and Philosophy of Science Part B - Studies in History and Philosophy of Modern Physics, 2013, 44, 40-47. | 1.4 | 1 |
| 6 | About Possible Extensions of Quantum Theory. Foundations of Physics, 2013, 43, 881-894. | 0.6 | 14 |
| 7 | Ontological Models Predictively Inequivalent to Quantum Theory. Physical Review Letters, 2013, 110, 170404. | 2.9 | 9 |
| 8 | General hidden-variable model for a two-qubit system. Physical Review A, 2012, 85, . | 1.0 | 2 |
| 9 | Local parts of hidden variable models for maximally entangled bipartite qudits. Physical Review A, 2012, 86, . | 1.0 | 3 |
| 10 | Vedral, V.: Decoding Reality: the Universe as Quantum Information. Foundations of Physics, 2011, 41, 637-639. | 0.6 | 0 |
| 11 | Does Quantum Nonlocality Irremediably Conflict with Special Relativity?. Foundations of Physics, 2010, 40, 1379-1395. | 0.6 | 6 |
| 12 | The interpretation of quantum mechanics: where do we stand?. Journal of Physics: Conference Series, 2009, 174, 012013. | 0.3 | 9 |
| 13 | Proofs of nonlocality without inequalities revisited. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 1982-1985. | 0.9 | 53 |
| 14 | Reconsidering Mermin's Praise of Measurement. Foundations of Physics, 2008, 38, 1011-1019. | 0.6 | 1 |
| 15 | Some reflections inspired by my research activity in quantum mechanics. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 2891-2917. | 0.7 | 8 |
| 16 | The Hilbert-space operator formalism within dynamical reduction models. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 13755-13772. | 0.7 | 11 |
| 17 | Critical analysis of Popper's experiment. Physical Review A, 2007, 75, . | 1.0 | 6 |
| 18 | The Trieste Lecture of John Stewart Bell. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 2919. | 0.7 | 9 |

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|----|--|------|-----------|
| 19 | The Conway-Kochen Argument and Relativistic GRW Models. Foundations of Physics, 2007, 37, 169-185. | 0.6 | 64 |
| 20 | Hardy's proof of nonlocality in the presence of noise. Physical Review A, 2006, 74, . | 1.0 | 9 |
| 21 | Greenberger-Horne-Zeilinger argument of nonlocality without inequalities for mixed states. Physical Review A, 2006, 74, . | 1.0 | 5 |
| 22 | Hardy's criterion of nonlocality for mixed states. Physical Review A, 2006, 73, . | 1.0 | 11 |
| 23 | Nonlocality without inequalities for almost all entangled states of any quantum system. Physical Review A, 2005, 72, . | 1.0 | 7 |
| 24 | General criterion for the entanglement of two indistinguishable particles. Physical Review A, 2004, 70, . | 1.0 | 221 |
| 25 | Dynamical reduction models. Physics Reports, 2003, 379, 257-426. | 10.3 | 634 |
| 26 | Dynamical reduction models with general Gaussian noises. Physical Review A, 2002, 65, . | 1.0 | 35 |
| 27 | Entanglement and Properties of Composite Quantum Systems: A Conceptual and Mathematical Analysis. Journal of Statistical Physics, 2002, 108, 49-122. | 0.5 | 177 |
| 28 | John Stewart Bell and the Dynamical Reduction Program. , 2002, , 287-305. | | 3 |
| 29 | Counting Marbles: Reply to Clifton and Monton. British Journal for the Philosophy of Science, 2001, 52, 125-130. | 1.4 | 14 |
| 30 | A general argument against the universal validity of the superposition principle. Physics Letters, Section A: General, Atomic and Solid State Physics, 2000, 275, 373-381. | 0.9 | 45 |
| 31 | About the notion of truth in the decoherent histories approach: a reply to Griffiths. Physics Letters, Section A: General, Atomic and Solid State Physics, 2000, 265, 153-155. | 0.9 | 12 |
| 32 | Decoherent Histories and Realism. Journal of Statistical Physics, 2000, 98, 457-494. | 0.5 | 23 |
| 33 | Consistent Quantum Realism: A Reply to Griffiths. Journal of Statistical Physics, 2000, 99, 1427-1427. | 0.5 | 3 |
| 34 | Local Measurements of Nonlocal Observables and the Relativistic Reduction Process. Foundations of Physics, 2000, 30, 1337-1385. | 0.6 | 22 |
| 35 | The role of identity and entanglement in quantum mechanics. AIP Conference Proceedings, 2000, , . | 0.3 | 0 |
| 36 | More about Dynamical Reduction and the Enumeration Principle. British Journal for the Philosophy of Science, 1999, 50, 719-734. | 1.4 | 22 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Can the decoherent histories description of reality be considered satisfactory?. Physics Letters, Section A: General, Atomic and Solid State Physics, 1999, 257, 247-263. | 0.9 | 29 |
| 38 | Quantum superpositions and definite perceptions: envisaging new feasible experimental tests. Physics Letters, Section A: General, Atomic and Solid State Physics, 1999, 262, 1-14. | 0.9 | 71 |
| 39 | Some lessons from relativistic reduction models. , 1999, , 117-152. | | 5 |
| 40 | Interpreting a macrorealistic quantum theory. , 1999, , . | | 0 |
| 41 | The Dynamical Reduction Program: An Example of a Quantum Theory without Observers. , 1999, , 43-58. | | 0 |
| 42 | Quantum Dynamical Reduction and Reality: Replacing Probability Densities with Densities in Real Space. , 1997, , 209-225. | | 9 |
| 43 | Properties and events in a relativistic context: Revisiting the dynamical reduction program. Foundations of Physics Letters, 1996, 9, 313-355. | 0.6 | 16 |
| 44 | Bohm's Theory Versus Dynamical Reduction. Boston Studies in the Philosophy and History of Science, 1996, , 353-377. | 0.4 | 10 |
| 45 | Quantum dynamical reduction and reality: Replacing probability densities with densities in real space. Erkenntnis, 1996, 45, 349-365. | 0.6 | 6 |
| 46 | Spontaneous Wave Packet Reductiona. Annals of the New York Academy of Sciences, 1995, 755, 506-523. | 1.8 | 1 |
| 47 | Outcome predictions and property attribution: the EPR argument reconsidered. Studies in History and Philosophy of Science Part A, 1994, 25, 397-423. | 0.6 | 42 |
| 48 | Comment on "explicit collapse and superluminal signals". Physics Letters, Section A: General, Atomic and Solid State Physics, 1992, 166, 435-438. | 0.9 | 9 |
| 49 | Continuous-spontaneous-reduction model involving gravity. Physical Review A, 1990, 42, 1057-1064. | 1.0 | 223 |
| 50 | CP-violation and Einstein's locality reconsidered. Foundations of Physics Letters, 1989, 2, 319-329. | 0.6 | 3 |
| 51 | John Bell: Recollections of a Great Scientist and a Great Man. , 0, , 25-46. | | 0 |