# JarosÅ,aw Pykacz

List of Publications by Year
in descending order

| | | | |
|---|---|---|---|
| 32 papers | 275 citations | 933447<br>10 h-index | 940533<br>16 g-index |
| 34 all docs | 34 docs citations | 34 times ranked | 81 citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | Bell's theorem: Proposition of realizable experiment using linear momenta. Physics Letters, Section A: General, Atomic and Solid State Physics, 1988, 127, 1-4. | 2.1 | 36 |
| 2 | Fuzzy set ideas in quantum logics. International Journal of Theoretical Physics, 1992, 31, 1767-1783. | 1.2 | 27 |
| 3 | Example of a Finite Game with No Berge Equilibria at All. Games, 2019, 10, 7. | 0.6 | 27 |
| 4 | Åukasiewicz Operations in Fuzzy Set and Many-Valued Representations of Quantum Logics. Foundations of Physics, 2000, 30, 1503-1524. | 1.3 | 24 |
| 5 | Locality and Measurements Within the SR Model for an Objective Interpretation of Quantum Mechanics. Foundations of Physics, 2004, 34, 449-475. | 1.3 | 22 |
| 6 | On subgame perfect equilibria in quantum Stackelberg duopoly. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 561-565. | 2.1 | 14 |
| 7 | Fuzzy quantum logic I. International Journal of Theoretical Physics, 1993, 32, 1691-1708. | 1.2 | 13 |
| 8 | Can Many-Valued Logic Help to Comprehend Quantum Phenomena?. International Journal of Theoretical Physics, 2015, 54, 4367-4375. | 1.2 | 11 |
| 9 | On Some New Operations on Orthomodular Lattices. International Journal of Theoretical Physics, 2000, 39, 641-652. | 1.2 | 10 |
| 10 | Towards many-valued/fuzzy interpretation of quantum mechanics. International Journal of General Systems, 2011, 40, 11-21. | 2.5 | 10 |
| 11 | Arbiter as the Third Man in Classical and Quantum Games. International Journal of Theoretical Physics, 2010, 49, 3243-3249. | 1.2 | 8 |
| 12 | The Problem of Conjunction and Disjunction in Quantum Logics. International Journal of Theoretical Physics, 2017, 56, 3963-3970. | 1.2 | 7 |
| 13 | Direct detection of empty waves contradicts special relativity. Physics Letters, Section A: General, Atomic and Solid State Physics, 1992, 171, 141-144. | 2.1 | 6 |
| 14 | Quantum Machine and Semantic Realism Approach: a Unified Model. Foundations of Physics, 2006, 36, 862-882. | 1.3 | 6 |
| 15 | Unification of Two Approaches to Quantum Logic: Every Birkhoff â€" von Neumann Quantum Logic is a Partial Infinite-Valued Åukasiewicz Logic. Studia Logica, 2010, 95, 5-20. | 0.6 | 6 |
| 16 | Bell-Type Inequalities for Bivariate Maps on Orthomodular Lattices. Foundations of Physics, 2015, 45, 900-913. | 1.3 | 6 |
| 17 | Attempt at the Logical Explanation of the Wave-Particle Duality. , 1999, , 269-282. | | 6 |
| 18 | Quantum Logic as a Basis for Computations. International Journal of Theoretical Physics, 2000, 39, 839-840. | 1.2 | 5 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | Quantum Games with Strategies Induced by Basis Change Rules. International Journal of Theoretical Physics, 2017, 56, 4017-4028. | 1.2 | 5 |
| 20 | Finite Local Models for the GHZ Experiment. International Journal of Theoretical Physics, 2014, 53, 622-644. | 1.2 | 3 |
| 21 | New Operations on Orthomodular Lattices: ``Disjunction'' and ``Conjunction'' Induced by Mackey Decompositions. Notre Dame Journal of Formal Logic, 2000, 41, . | 0.4 | 3 |
| 22 | Interference in the double-slit experiment with only one slit open at a time. Physics Letters, Section A: General, Atomic and Solid State Physics, 1989, 135, 411-416. | 2.1 | 2 |
| 23 | Quantum Computation of Fuzzy Numbers. International Journal of Theoretical Physics, 2004, 43, 1423-1432. | 1.2 | 2 |
| 24 | Quantum Probability Calculus as Fuzzy-Kolmogorovian Probability Calculus. , 2009, , . | | 1 |
| 25 | The Many-Valued Logic of Quantum Mechanics. International Journal of Theoretical Physics, 2021, 60, 677-686. | 1.2 | 1 |
| 26 | Modelling of Uncertainty and Biâ€"Variable Maps. Journal of Electrical Engineering, 2016, 67, 169-176. | 0.7 | 1 |
| 27 | Conjunctions, disjunctions, and Bell-type inequalities in orthoalgebras. International Journal of Theoretical Physics, 1996, 35, 2353-2363. | 1.2 | 0 |
| 28 | â€œSolutionâ€•of the EPR Paradox: Negative, or Rather Fuzzy Probabilities?. Foundations of Physics, 2006, 36, 437-442. | 1.3 | 0 |
| 29 | The 9th Biennial Meeting ofÂtheÂInternational Quantum Structures Association. International Journal of Theoretical Physics, 2010, 49, 2945-2946. | 1.2 | 0 |
| 30 | On Extension of Joint Distribution Functions on Quantum Logics. International Journal of Theoretical Physics, 2020, 59, 274-291. | 1.2 | 0 |
| 31 | A Note on Berge Equilibria in n-Person 2-Strategy Games. International Game Theory Review, 2021, 23, 2050018. | 0.5 | 0 |
| 32 | Unification of Two Approaches to Quantum Logic: Every Birkhoff â€" von Neumann Quantum Logic is a Partial Infinite-Valued Åukasiewicz Logic. Studia Logica, 2010, 95, 5. | 0.6 | 0 |