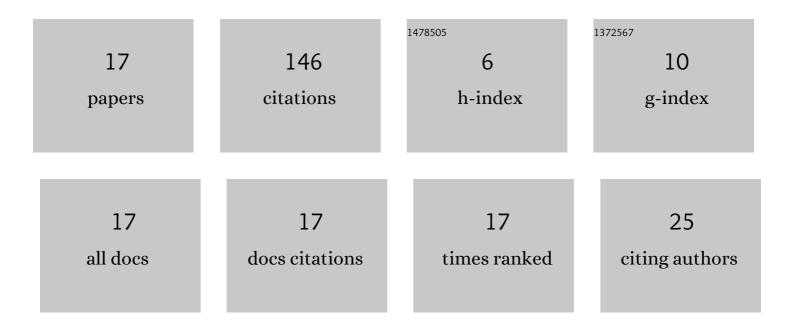
Alain Deville

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Statistical intrusion detection and eavesdropping in quantum channels with coupling: multiple-preparation and single-preparation methods. Quantum Information Processing, 2022, 21, 1. | 2.2 | 1 |
| 2 | Two-Qubit Unitary Quantum Process Tomography by Multiple-Delay Output Measurements for One Unknown Input Pure State Value. , 2021, , . | | 1 |
| 3 | New Single-Preparation Methods for Unsupervised Quantum Machine Learning Problems. IEEE Transactions on Quantum Engineering, 2021, 2, 1-24. | 4.9 | 10 |
| 4 | Quantum process tomography with unknown single-preparation input states: Concepts and application to the qubit pair with internal exchange coupling. Physical Review A, 2020, 101, . | 2.5 | 9 |
| 5 | N-qubit system in a pure state: a necessary and sufficient condition for unentanglement. Quantum Information Processing, 2019, 18, 1. | 2.2 | 3 |
| 6 | New Classes of Blind Quantum Source Separation and Process Tomography Methods Based on Spin Component Measurements Along Two Directions. Lecture Notes in Computer Science, 2018, , 204-214. | 1.3 | 0 |
| 7 | Blind quantum source separation: Quantum-processing qubit uncoupling systems based on disentanglement. , 2017, 67, 30-51. | | 11 |
| 8 | The Blind Version of Quantum Process Tomography: Operating with Unknown Input Values. IFAC-PapersOnLine, 2017, 50, 11731-11737. | 0.9 | 7 |
| 9 | Concepts and Criteria for Blind Quantum Source Separation and Blind Quantum Process Tomography. Entropy, 2017, 19, 311. | 2.2 | 10 |
| 10 | Fast disentanglement-based blind quantum source separation and process tomography using a feedforward quantum-classical adapting structure. , 2016, , . | | 3 |
| 11 | From Blind Quantum Source Separation to Blind Quantum Process Tomography. Lecture Notes in Computer Science, 2015, , 184-192. | 1.3 | 14 |
| 12 | Blind qubit state disentanglement with Quantum processing: Principle, criterion and algorithm using measurements along two directions. , 2014, , . | | 11 |
| 13 | Quantum-Source Independent Component Analysis and Related Statistical Blind Qubit Uncoupling Methods. Signals and Communication Technology, 2014, , 3-37. | 0.5 | 7 |
| 14 | A Quantum-feedforward and classical-feedback separating structure adapted with monodirectional measurements; Blind qubit uncoupling capability and links with ICA. , 2013, , . | | 10 |
| 15 | Clarifying the link between von Neumann and thermodynamic entropies. European Physical Journal H, 2013, 38, 57-81. | 0.8 | 5 |
| 16 | Classical-processing and quantum-processing signal separation methods for qubit uncoupling. Quantum Information Processing, 2012, 11, 1311-1347. | 2.2 | 26 |
| 17 | Blind Separation of Quantum States: Estimating Two Qubits from an Isotropic Heisenberg Spin Coupling Model. , 2007, , 706-713. | | 18 |