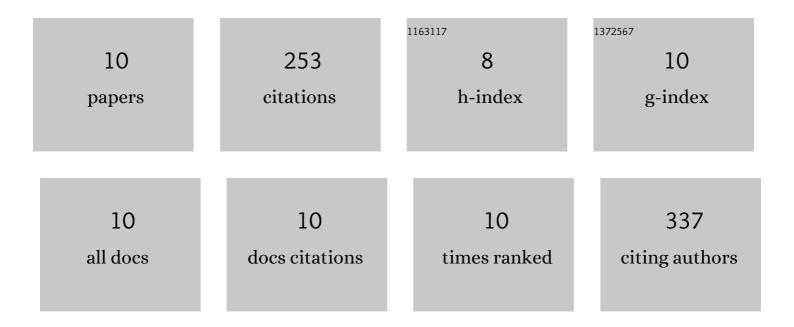
Martin Berthel

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Category Theoretic Analysis of Photon-Based Decision Making. International Journal of Information Technology and Decision Making, 2018, 17, 1305-1333. | 3.9 | 9 |
| 2 | Directional Local Density of States of Classical and Quantum Propagating Surface Plasmons. Physical Review Applied, 2017, 7, . | 3.8 | 8 |
| 3 | Local density of electromagnetic states in plasmonic nanotapers: spatial resolution limits with nitrogen-vacancy centers in diamond nanospheres. Nanotechnology, 2017, 28, 205207. | 2.6 | 10 |
| 4 | Single Photon in Hierarchical Architecture for Physical Decision Making: Photon Intelligence. ACS Photonics, 2016, 3, 2505-2514. | 6.6 | 18 |
| 5 | Chiral optical local density of states in a spiral plasmonic cavity. Physical Review A, 2016, 94, . | 2.5 | 14 |
| 6 | Directional and Singular Surface Plasmon Generation in Chiral and Achiral Nanostructures Demonstrated by Leakage Radiation Microscopy. ACS Photonics, 2016, 3, 1116-1124. | 6.6 | 40 |
| 7 | Spatio-temporal second-order quantum correlations of surface plasmon polaritons. Optics Letters, 2016, 41, 37. | 3.3 | 8 |
| 8 | Coherence and aberration effects in surface plasmon polariton imaging. Physical Review E, 2015, 92, 033202. | 2.1 | 11 |
| 9 | Single-photon decision maker. Scientific Reports, 2015, 5, 13253. | 3.3 | 67 |
| 10 | Photophysics of single nitrogen-vacancy centers in diamond nanocrystals. Physical Review B, 2015, 91, . | 3.2 | 68 |