

# Martin Berthel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11352952/publications.pdf>

Version: 2024-02-01

10  
papers

253  
citations

1163117

8  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

337  
citing authors

#	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