

# Alexis Devilez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11512943/publications.pdf>

Version: 2024-02-01

13  
papers

1,119  
citations

840776

11  
h-index

1125743

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

1158  
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct imaging of photonic nanojets. Optics Express, 2008, 16, 6930.	3.4	240
2	Compact Metallo-Dielectric Optical Antenna for Ultra Directional and Enhanced Radiative Emission. ACS Nano, 2010, 4, 3390-3396.	14.6	165
3	Three-dimensional subwavelength confinement of light with dielectric microspheres. Optics Express, 2009, 17, 2089.	3.4	124
4	Spectral analysis of three-dimensional photonic jets. Optics Express, 2008, 16, 14200.	3.4	108
5	Self-Assembled Nanoparticle Dimer Antennas for Plasmonic-Enhanced Single-Molecule Fluorescence Detection at Micromolar Concentrations. ACS Photonics, 2015, 2, 1099-1107.	6.6	105
6	Strong electromagnetic confinement near dielectric microspheres to enhance single-molecule fluorescence. Optics Express, 2008, 16, 15297.	3.4	97
7	Efficient excitation and collection of single-molecule fluorescence close to a dielectric microsphere. Journal of the Optical Society of America B: Optical Physics, 2009, 26, 1473.	2.1	65
8	Competition between Förster Resonance Energy Transfer and Donor Photodynamics in Plasmonic Dimer Nanoantennas. ACS Photonics, 2016, 3, 895-903.	6.6	61
9	Ultracompact and unidirectional metallic antennas. Physical Review B, 2010, 82, .	3.2	56
10	Picosecond Lifetimes with High Quantum Yields from Single-Photon-Emitting Colloidal Nanostructures at Room Temperature. ACS Nano, 2016, 10, 4806-4815.	14.6	48
11	Recursive T matrix algorithm for resonant multiple scattering: applications to localized plasmon excitations. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2008, 25, 2549.	1.5	36
12	Transverse and longitudinal confinement of photonic nanojets by compound dielectric microspheres. Proceedings of SPIE, 2009, , .	0.8	7
13	Lamb shift multipolar analysis. Journal of the Optical Society of America B: Optical Physics, 2017, 34, 1348.	2.1	7