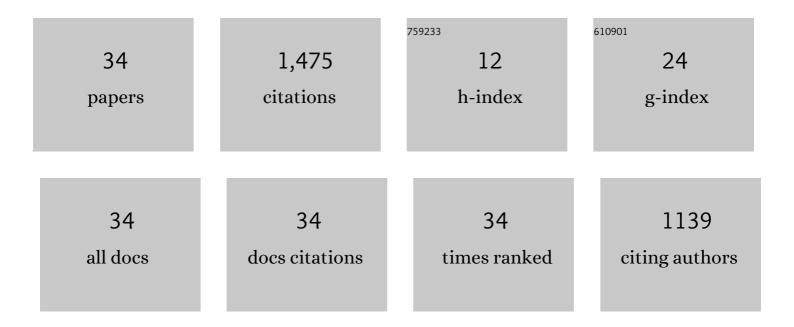
## Alejandra Valencia

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Two-Photon Imaging with Thermal Light. Physical Review Letters, 2005, 94, 063601.	7.8	676
2	Distant clock synchronization using entangled photon pairs. Applied Physics Letters, 2004, 85, 2655-2657.	3.3	141
3	Entangled Two-Photon Wave Packet in a Dispersive Medium. Physical Review Letters, 2002, 88, 183601.	7.8	108
4	Shaping the Waveform of Entangled Photons. Physical Review Letters, 2007, 99, 243601.	7.8	95
5	Resolution of quantum and classical ghost imaging. Physical Review A, 2005, 72, .	2.5	74
6	Entangled Two Photon Absorption Cross Section on the 808 nm Region for the Common Dyes Zinc Tetraphenylporphyrin and Rhodamine B. Journal of Physical Chemistry A, 2017, 121, 7869-7875.	2.5	65
7	Experimental study of the momentum correlation of a pseudothermal field in the photon-counting regime. Physical Review A, 2004, 70, .	2.5	62
8	Remote spectral measurement using entangled photons. Applied Physics Letters, 2003, 83, 5560-5562.	3.3	53
9	Angular dispersion: an enabling tool in nonlinear and quantum optics. Advances in Optics and Photonics, 2010, 2, 319.	25.5	47
10	Spatiotemporal correlations in entangled photons generated by spontaneous parametric down conversion. New Journal of Physics, 2008, 10, 113012.	2.9	33
11	Generation of indistinguishable and pure heralded single photons with tunable bandwidth. Optics Letters, 2008, 33, 875.	3.3	25
12	Observation of spectral interference for any path difference in an interferometer. Optics Letters, 2014, 39, 4478.	3.3	17
13	Correlation control for pure and efficiently generated heralded single photons. Physical Review A, 2015, 91, .	2.5	12
14	Tunable beam displacer. Review of Scientific Instruments, 2015, 86, 033109.	1.3	10
15	Cancellation of dispersion and temporal modulation with nonentangled frequency-correlated photons. Physical Review A, 2011, 83, .	2.5	9
16	Tailoring the spectral coherence of heralded single photons. Optics Letters, 2009, 34, 1177.	3.3	8
17	Flux enhancement of photons entangled in orbital angular momentum. Optics Express, 2011, 19, 14108.	3.4	8
18	Measuring different types of transverse momentum correlations in the biphoton's Fourier plane. Optics Letters, 2016, 41, 1165.	3.3	7

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#	ARTICLE	IF	CITATIONS
19	Demonstration of a highly-sensitive tunable beam displacer with no use of beam deflection based on the concept of weak value amplification. Optics Express, 2015, 23, 10097.	3.4	6
20	Low-cost diffuse optical tomography for the classroom. American Journal of Physics, 2012, 80, 876-881.	0.7	5
21	Interference of two pulse-like spatial beams with arbitrary transverse separation. Journal of Optics (United Kingdom), 2016, 18, 125201.	2.2	5
22	Implementation and characterization of a controllable dephasing channel based on coupling polarization and spatial degrees of freedom of light. Optics Express, 2018, 26, 11940.	3.4	4
23	A weak values approach for testing simultaneous Einstein–Podolsky–Rosen elements of reality for non-commuting observables. Communications Physics, 2020, 3, .	5.3	3
24	Characterization of spectrally filtered heralded single photons. Journal of the Optical Society of America B: Optical Physics, 2020, 37, 1190.	2.1	2
25	Two-photon coherent and incoherent imaging. , 2005, , JTuC56.		0
26	Tunable control and use of the spectrum of photons in quantum optics applications. Proceedings of SPIE, 2007, , .	0.8	0
27	El DÃa de la Luz II (The Day of Light II): optics demonstration for high school students. , 2009, , .		0
28	ANGULAR DISPERSION IN SPONTANEOUS PARAMETRIC DOWN CONVERSION: A TOOL TO GENERATE NARROW TEMPORAL BIPHOTONS AND PURE HERALDED SINGLE PHOTONS. International Journal of Quantum Information, 2009, 07, 9-15.	1.1	0
29	Pick it up with light! An advanced summer program for secondary school students. Proceedings of SPIE, 2014, , .	0.8	0
30	Mapping and violating Bell inequality with entangled photons. , 2015, , .		0
31	Making optics appealing in Colombia through low-cost experiments with lasers. Proceedings of SPIE, 2015, , .	0.8	0
32	Light Interference in Position and Momentum variables: the Spatial Alford and Gold Effect. , 2015, , .		0
33	Control of the frequency correlations of entangled photons to produce a pure heralded single photon source. , 2018, , .		0
34	On the control of the momentum distribution of paired photons generated by non-collinear type-II spontaneous parametric down-conversion. Journal of the Optical Society of America B: Optical Physics, 2019, 36, 1769.	2.1	0