

Lambert K Van Vugt

List of Publications by Year in descending order

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12
papers

1,281
citations

759233

12
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

1965
citing authors

#	ARTICLE	IF	CITATIONS
1	All-optical active switching in individual semiconductor nanowires. <i>Nature Nanotechnology</i> , 2012, 7, 640-645.	31.5	241
2	ZnO nanowire lasers. <i>Nanoscale</i> , 2011, 3, 2783.	5.6	217
3	Exciton Polaritons Confined in a ZnO Nanowire Cavity. <i>Physical Review Letters</i> , 2006, 97, 147401.	7.8	186
4	Phase-Correlated Nondirectional Laser Emission from the End Facets of a ZnO Nanowire. <i>Nano Letters</i> , 2006, 6, 2707-2711.	9.1	171
5	Increase of the Photoluminescence Intensity of InP Nanowires by Photoassisted Surface Passivation. <i>Journal of the American Chemical Society</i> , 2005, 127, 12357-12362.	13.7	95
6	One-dimensional polaritons with size-tunable and enhanced coupling strengths in semiconductor nanowires. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 10050-10055.	7.1	84
7	Size-Dependent Waveguide Dispersion in Nanowire Optical Cavities: Slowed Light and Dispersionless Guiding. <i>Nano Letters</i> , 2009, 9, 1684-1688.	9.1	63
8	Propagation Loss Spectroscopy on Single Nanowire Active Waveguides. <i>Nano Letters</i> , 2010, 10, 2251-2256.	9.1	53
9	Shape-Dependent Multiexciton Emission and Whispering Gallery Modes in Supraparticles of CdSe/Multishell Quantum Dots. <i>ACS Nano</i> , 2015, 9, 3942-3950.	14.6	53
10	Incorporating polaritonic effects in semiconductor nanowire waveguide dispersion. <i>Applied Physics Letters</i> , 2010, 97, .	3.3	49
11	Manipulating metal-oxide nanowires using counter-propagating optical line tweezers. <i>Optics Express</i> , 2007, 15, 11629.	3.4	41
12	Variable Temperature Spectroscopy of As-Grown and Passivated CdS Nanowire Optical Waveguide Cavities. <i>Journal of Physical Chemistry A</i> , 2011, 115, 3827-3833.	2.5	28