

# Carlos S Ruiz-Vargas

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11573862/publications.pdf>

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9  
papers

3,667  
citations

1162889  
8  
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1474057  
9  
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all docs

9  
docs citations

9  
times ranked

6171  
citing authors

#	ARTICLE	IF	CITATIONS
1	Grains and grain boundaries in single-layer graphene atomic patchwork quilts. Nature, 2011, 469, 389-392.	13.7	1,790
2	Tailoring Electrical Transport Across Grain Boundaries in Polycrystalline Graphene. Science, 2012, 336, 1143-1146.	6.0	535
3	Large-Scale Arrays of Single-Layer Graphene Resonators. Nano Letters, 2010, 10, 4869-4873.	4.5	378
4	Softened Elastic Response and Unzipping in Chemical Vapor Deposition Graphene Membranes. Nano Letters, 2011, 11, 2259-2263.	4.5	316
5	Transfer-Free Batch Fabrication of Single Layer Graphene Transistors. Nano Letters, 2009, 9, 4479-4483.	4.5	295
6	Ultrafast relaxation dynamics of hot optical phonons in graphene. Applied Physics Letters, 2010, 96, .	1.5	234
7	Square-µm-sized, Free-standing Organometallic Sheets and Their Square-cm-sized Multilayers on Solid Substrates. Macromolecular Rapid Communications, 2013, 34, 1670-1680.	2.0	71
8	High-Throughput Graphene Imaging on Arbitrary Substrates with Widefield Raman Spectroscopy. ACS Nano, 2012, 6, 373-380.	7.3	47
9	Contact transfer length investigation of a 2D nanoparticle network by scanning probe microscopy. Nanotechnology, 2015, 26, 365701.	1.3	1