

# Hari C Manoharan

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

10  
papers

2,414  
citations

7  
h-index

11  
g-index

11  
ext. papers

2,784  
ext. citations

20.7  
avg, IF

4.56  
L-index

#	Paper	IF	Citations
10	Activating and optimizing MoS <sub>2</sub> basal planes for hydrogen evolution through the formation of strained sulphur vacancies. <i>Nature Materials</i> , <b>2016</b> , 15, 48-53	27	1563
9	Designer Dirac fermions and topological phases in molecular graphene. <i>Nature</i> , <b>2012</b> , 483, 306-10	50.4	481
8	Optoelectronic crystal of artificial atoms in strain-textured molybdenum disulphide. <i>Nature Communications</i> , <b>2015</b> , 6, 7381	17.4	237
7	Quantum phase extraction in isospectral electronic nanostructures. <i>Science</i> , <b>2008</b> , 319, 782-7	33.3	65
6	Single-atom gating of quantum-state superpositions. <i>Nature Physics</i> , <b>2008</b> , 4, 454-458	16.2	29
5	Unconventional molecule-resolved current rectification in diamondoid-fullerene hybrids. <i>Nature Communications</i> , <b>2014</b> , 5, 4877	17.4	23
4	Phase Separation of Dirac Electrons in Topological Insulators at the Spatial Limit. <i>Nano Letters</i> , <b>2017</b> , 17, 97-103	11.5	9
3	Quantum engineered Kondo lattices. <i>Nature Communications</i> , <b>2019</b> , 10, 5588	17.4	4
2	Signatures of two-dimensional superconductivity emerging within a three-dimensional host superconductor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	2
1	Structure of Cleaved (001) USb <sub>2</sub> Single Crystal. <i>Materials Research Society Symposia Proceedings</i> , <b>2009</b> , 1184, 119		