

# Jigme Wangchuk

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11147367/publications.pdf>

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7  
papers

87  
citations

1937685  
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1872680  
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docs citations

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times ranked

130  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bacteria functionalized gold nanoparticle matrix based fiber-optic sensor for monitoring heavy metal pollution in water. <i>Sensors and Actuators B: Chemical</i> , 2019, 281, 643-651.	7.8	40
2	Label-Free Detection of <i>Escherichia coli</i> from Mixed Bacterial Cultures Using Bacteriophage T4 on Plasmonic Fiber-Optic Sensor. <i>ACS Sensors</i> , 2021, 6, 2720-2727.	7.8	20
3	Oxidative stress specifically inhibits replication of dengue virus. <i>Journal of General Virology</i> , 2021, 102, .	2.9	15
4	Bacteriophage N4 large terminase: expression, purification and X-ray crystallographic analysis. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2018, 74, 198-204.	0.8	5
5	LSPR based fiber optic sensor for detection of E. coli using bacteriophage T4. , 2015, , .		4
6	Dengue virus replication enhances labile zinc pools by modulation of ZIP8. <i>Cellular Microbiology</i> , 2021, 23, e13395.	2.1	2
7	The coevolution of large and small terminases of bacteriophages is a result of purifying selection leading to phenotypic stabilization. <i>Virology</i> , 2021, 564, 13-25.	2.4	1