

# Rui Lu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1120067/publications.pdf>

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5  
papers

127  
citations

1684188

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2053705

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5  
all docs

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Unraveling Cholesterol Catabolism in <i>Mycobacterium tuberculosis</i> : ChsE4-ChsE5 $\hat{\Gamma}^{\pm 2}$ Acyl-CoA Dehydrogenase Initiates $\hat{\Gamma}^2$ -Oxidation of 3-Oxo-cholest-4-en-26-oyl CoA. ACS Infectious Diseases, 2015, 1, 110-125.	3.8	46
2	FadA5 a Thiolase from <i>Mycobacterium tuberculosis</i> : A Steroid-Binding Pocket Reveals the Potential for Drug Development against Tuberculosis. Structure, 2015, 23, 21-33.	3.3	38
3	Catabolism of the Cholesterol Side Chain in <i>Mycobacterium tuberculosis</i> Is Controlled by a Redox-Sensitive Thiol Switch. ACS Infectious Diseases, 2017, 3, 666-675.	3.8	16
4	Post-translational Succinylation of <i>Mycobacterium tuberculosis</i> Enoyl-CoA Hydratase EchA19 Slows Catalytic Hydration of Cholesterol Catabolite 3-Oxo-chole-4,22-diene-24-oyl-CoA. ACS Infectious Diseases, 2020, 6, 2214-2224.	3.8	15
5	$\hat{\Gamma}^{\pm}$ -Methyl Acyl CoA Racemase Provides <i>Mycobacterium tuberculosis</i> Catabolic Access to Cholesterol Esters. Biochemistry, 2015, 54, 5669-5672.	2.5	12