

# Antoine Ruffini

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3804074/publications.pdf>

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8  
papers

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citations

1478505

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1588992

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docs citations

8  
times ranked

97  
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#	ARTICLE	IF	CITATIONS
1	Three-dimensional phase-field model of dislocations for a heterogeneous face-centered cubic crystal. <i>Journal of the Mechanics and Physics of Solids</i> , 2017, 105, 95-115.	4.8	24
2	Creep of Single Crystals of Nickel-Based Superalloys at Ultra-High Homologous Temperature. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2018, 49, 3973-3987.	2.2	21
3	Effects of sliding on interface delamination during thin film buckling. <i>Scripta Materialia</i> , 2012, 67, 157-160.	5.2	15
4	Interface step-induced thin-film delamination and buckling. <i>Acta Materialia</i> , 2013, 61, 4429-4438.	7.9	11
5	Phase-field model coupling cracks and dislocations at finite strain. <i>Acta Materialia</i> , 2015, 92, 197-208.	7.9	9
6	Buckling-induced dislocation emission in thin films on substrates. <i>International Journal of Solids and Structures</i> , 2013, 50, 3717-3722.	2.7	7
7	Effect of interface plasticity on circular blisters. <i>Scripta Materialia</i> , 2016, 113, 222-225.	5.2	5
8	Dislocations interacting with a pore in an elastically anisotropic single crystal nickel-base superalloy during hot isostatic pressing. <i>Computational Materials Science</i> , 2022, 204, 111118.	3.0	2