

# Guido Violano

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

213  
citations

1040056

9  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

62  
citing authors

#	ARTICLE	IF	CITATIONS
1	On the effective surface energy in viscoelastic Hertzian contacts. <i>Journal of the Mechanics and Physics of Solids</i> , 2022, 158, 104669.	4.8	24
2	On the Long and Short-Range Adhesive Interactions in Viscoelastic Contacts. <i>Tribology Letters</i> , 2022, 70, .	2.6	8
3	Size effects in adhesive contacts of viscoelastic media. <i>European Journal of Mechanics, A/Solids</i> , 2022, 96, 104665.	3.7	11
4	The adhesion of viscoelastic bodies with slightly wave surfaces. <i>Tribology International</i> , 2022, 174, 107726.	5.9	7
5	On stickiness of multiscale randomly rough surfaces. <i>Journal of Adhesion</i> , 2021, 97, 509-527.	3.0	22
6	Roughness-Induced Adhesive Hysteresis in Self-Affine Fractal Surfaces. <i>Lubricants</i> , 2021, 9, 7.	2.9	6
7	Stickiness of randomly rough surfaces with high fractal dimension: is there a fractal limit?. <i>Tribology International</i> , 2021, 159, 106971.	5.9	6
8	Rate-dependent adhesion of viscoelastic contacts. Part II: Numerical model and hysteresis dissipation. <i>Mechanics of Materials</i> , 2021, 158, 103884.	3.2	15
9	Rate-dependent adhesion of viscoelastic contacts, Part I: Contact area and contact line velocity within model randomly rough surfaces. <i>Mechanics of Materials</i> , 2021, 160, 103926.	3.2	21
10	Modeling the Adhesive Contact of Rough Soft Media with an Advanced Asperity Model. <i>Tribology Letters</i> , 2019, 67, 1.	2.6	21
11	A note on the effect of surface topography on adhesion of hard elastic rough bodies with low surface energy. <i>Journal of the Mechanical Behavior of Materials</i> , 2019, 28, 8-12.	1.8	14
12	Contact of rough surfaces: Modeling adhesion in advanced multiasperity models. <i>Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology</i> , 2019, 233, 1585-1593.	1.8	24
13	Adhesion of compliant spheres: an experimental investigation. <i>Procedia Structural Integrity</i> , 2019, 24, 251-258.	0.8	8
14	On DMT methods to calculate adhesion in rough contacts. <i>Tribology International</i> , 2019, 130, 36-42.	5.9	26