

# Nikolaos Napoleon Vlassis

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2703126/publications.pdf>

Version: 2024-02-01

4  
papers

220  
citations

1937685

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2272923

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g-index

4  
all docs

4  
docs citations

4  
times ranked

88  
citing authors

#	ARTICLE	IF	CITATIONS
1	Geometric deep learning for computational mechanics Part I: anisotropic hyperelasticity. Computer Methods in Applied Mechanics and Engineering, 2020, 371, 113299.	6.6	107
2	Sobolev training of thermodynamic-informed neural networks for interpretable elasto-plasticity models with level set hardening. Computer Methods in Applied Mechanics and Engineering, 2021, 377, 113695.	6.6	82
3	Data-driven discovery of interpretable causal relations for deep learning material laws with uncertainty propagation. Granular Matter, 2022, 24, 1.	2.2	18
4	Molecular dynamics inferred transfer learning models for finite-strain hyperelasticity of monoclinic crystals: Sobolev training and validations against physical constraints. International Journal for Numerical Methods in Engineering, 2022, 123, 3922-3949.	2.8	13