

# Thanh-Tam Mai

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

260  
citations

1040056

9  
h-index

1058476

14  
g-index

23  
all docs

23  
docs citations

23  
times ranked

237  
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel features of the Mullins effect in filled elastomers revealed by stretching measurements in various geometries. <i>Soft Matter</i> , 2017, 13, 1966-1977.	2.7	45
2	Micromechanical modeling of the multi-axial deformation behavior in double network hydrogels. <i>International Journal of Plasticity</i> , 2021, 137, 102901.	8.8	36
3	Distinctive Characteristics of Internal Fracture in Tough Double Network Hydrogels Revealed by Various Modes of Stretching. <i>Macromolecules</i> , 2018, 51, 5245-5257.	4.8	35
4	Induced anisotropy by Mullins effect in filled elastomers subjected to stretching with various geometries. <i>Polymer</i> , 2017, 126, 29-39.	3.8	30
5	A Multiaxial Theory of Double Network Hydrogels. <i>Macromolecules</i> , 2019, 52, 5937-5947.	4.8	24
6	Preparation of Graphene Nano-Layer by Chemical Graphitization of Graphite Oxide from Exfoliation and Preliminary Reduction. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2015, 23, 742-749.	2.1	22
7	Damage cross-effect and anisotropy in tough double network hydrogels revealed by biaxial stretching. <i>Soft Matter</i> , 2019, 15, 3719-3732.	2.7	17
8	Crack-Tip Strain Field in Supershear Crack of Elastomers. <i>ACS Macro Letters</i> , 2020, 9, 762-768.	4.8	17
9	Anisotropic stress-softening effect on fast dynamic crack in filler-reinforced elastomers. <i>Mechanics of Materials</i> , 2021, 155, 103786.	3.2	9
10	Investigating Multiaxial Mullins Effect of Carbon-Black-Reinforced Elastomers Using Electrical Resistivity Measurements. <i>ACS Applied Polymer Materials</i> , 2022, 4, 1139-1149.	4.4	8
11	Impact of Strain-Induced Crystallization on Fast Crack Growth in Stretched <i>cis</i> -1,4-Polyisoprene Rubber. <i>ACS Macro Letters</i> , 2022, 11, 747-752.	4.8	8
12	Biaxial Loading Effects on Strain Energy Release Rate and Crack-Tip Strain Field in Elastic Hydrogels. <i>Macromolecules</i> , 2021, 54, 4792-4801.	4.8	7
13	Investigation of chemical reduction of graphene oxide with many reduced agents. <i>Science and Technology Development Journal</i> , 2015, 18, 197-210.	0.1	1
14	Experimental Analysis of Fast Crack Growth in Elastomers. <i>Advances in Polymer Science</i> , 2021, , 239-272.	0.8	1
15	PREPARATION OF ORGANOCCLAY BASED ON THUAN HAI (VIET NAM) CLAY MODIFIED BY GLYCERIDE MIXTURE. <i>Science and Technology Development Journal</i> , 2020, 14, 75-81.	0.1	0
16	Synthesis and study on rheological behavior of polystyrene/graphene oxide nanocomposites. <i>Science and Technology Development Journal</i> , 2013, 16, 54-65.	0.1	0
17	A new method in synthesis of polyurethane/graphite oxide nanocomposites by twin-screw extruder. <i>Science and Technology Development Journal</i> , 2013, 16, 45-53.	0.1	0
18	Synthesis of graphene/polystyrene nanocomposite by microemulsion polymerization. <i>Science and Technology Development Journal</i> , 2013, 16, 22-33.	0.1	0

#	ARTICLE	IF	CITATIONS
19	A new method to exfoliate Graphite oxide and application for synthesis Graphene by chemical method. Science and Technology Development Journal, 2014, 17, 27-34.	0.1	0
20	Synthesis of graphene/Fe <sub>3</sub> O <sub>4</sub> nano composites. Science and Technology Development Journal, 2015, 18, 166-176.	0.1	0
21	Graphene synthesis by hydrazine and reduced thermal expansion graphite oxide and application in the preparation of nano-composite PMMA/graphene. Science and Technology Development Journal, 2016, 19, 214-226.	0.1	0
22	Synthesis and properties of bone cement based on poly(methyl methacrylate) reinforced by organo-clay. Science and Technology Development Journal, 2016, 19, 221-231.	0.1	0
23	Experimental Analysis on Crack Propagation in Elastomers. Nippon Gomu Kyokaishi, 2019, 92, 332-339.	0.0	0