

# Ahmad mousa

## List of Publications by Year in descending order

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44  
papers

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citations

567281

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501196

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docs citations

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times ranked

614  
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#	ARTICLE	IF	CITATIONS
1	Rheological and Thermodynamical Behavior of Styrene/Butadiene Rubber-Organoclay Nanocomposites. <i>Macromolecular Materials and Engineering</i> , 2001, 286, 260-266.	3.6	218
2	Dry friction and sliding wear of EPDM rubbers against steel as a function of carbon black content. <i>Wear</i> , 2008, 264, 359-367.	3.1	76
3	Evaluation of treatment modalities and prognostic factors in children with congenital nasolacrimal duct obstruction. <i>Journal of AAPOS</i> , 2012, 16, 53-57.	0.3	42
4	Rheological properties of dynamically vulcanized poly(vinyl chloride)/epoxidized natural rubber thermoplastic elastomers: effect of processing variables. <i>Polymer Testing</i> , 2000, 19, 193-204.	4.8	41
5	Oil-resistance studies of dynamically vulcanized poly(vinyl chloride)/epoxidized natural rubber thermoplastic elastomer. <i>Journal of Applied Polymer Science</i> , 1998, 69, 1357-1366.	2.6	40
6	The Effect of Dynamic Vulcanization on the Mechanical Properties of EPDM/PP Thermoplastic Elastomers. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2005, 54, 619-631.	3.4	30
7	Thermoplastic Composites Based on Renewable Natural Resources: Unplasticized PVC/Olive Husk. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2010, 59, 843-853.	3.4	30
8	Oil Resistance of Dynamically Vulcanized Poly(Vinyl Chloride)/Nitrile Butadiene Rubber Thermoplastic Elastomers. <i>Polymer Bulletin</i> , 2005, 53, 203-212.	3.3	26
9	Application of Renewable Agro-Waste-Based Olive Pomace on the Mechanical and Thermal Performance of Toughened PVC. <i>Polymer-Plastics Technology and Engineering</i> , 2009, 48, 1030-1040.	1.9	26
10	Carboxylated nitrile butadiene rubber/hybrid filler composites. <i>Materials Research</i> , 2012, 15, 671-678.	1.3	23
11	Rheological and Mechanical Properties of Clay-Thermoplastic Elastomers Derived from PVC and NBR. <i>Polymer-Plastics Technology and Engineering</i> , 2006, 45, 513-518.	1.9	22
12	Rheological and mechanical properties of dynamically cured poly(vinyl chloride)/nitrile butadiene rubber thermoplastic elastomers. <i>Polymer International</i> , 2003, 52, 120-125.	3.1	21
13	Cure Characteristics and Mechanical Properties of Carboxylated Nitrile Butadiene Rubber (XNBR) Vulcanizate Reinforced by Organic Filler. <i>Polymer-Plastics Technology and Engineering</i> , 2011, 50, 1388-1392.	1.9	20
14	Rubber-Wood Composites from Chemically Modified Olive Husk Powder and Carboxylated Nitrile Butadiene Rubber: Cure Characteristics, Tensile Behavior, and Morphological Studies. <i>Journal of Wood Chemistry and Technology</i> , 2012, 32, 82-92.	1.7	17
15	The Potential of O <sub>3</sub> -MMT as a Reinforcing Filler for Uncured and Dynamically Cured PVC/XNBR Composites. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2008, 45, 733-741.	2.2	16
16	The Effect of Different Surface Pretreatment Methods on Nano-adhesive Application in High Strength Steel and Aluminum Bonding. <i>Journal of Adhesion Science and Technology</i> , 2011, 25, 1725-1746.	2.6	16
17	Cure Characteristics and Thermal Properties of Sulfur-Cured EPDM-Based Composites by Compounding with Layered Nano-Organoclays. <i>Polymer-Plastics Technology and Engineering</i> , 2006, 45, 911-915.	1.9	13
18	Evolution of the Mechanical Properties of EPDM Vulcanizates by Compounding with Layered Organo-Montmorillonite. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2007, 56, 355-363.	3.4	12

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19	The Effect of Microwave Irradiation on the Physical and Morphological Behavior of Olive Husk Biomass and its Application in XNBR Vulcanizates. <i>Waste and Biomass Valorization</i> , 2012, 3, 157-164.	3.4	12
20	Rheological and viscoelastic behavior of dynamically vulcanized poly(vinyl chloride)â€“epoxidized natural-rubber thermoplastic elastomers. <i>Journal of Applied Polymer Science</i> , 1999, 74, 2886.	2.6	9
21	The Application of Di-isocyanate Modified Agro-polymer as Filler For XNBR/PA-12 Thermoplastic Elastomer Composites. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2012, 49, 385-396.	2.2	9
22	The Effect of Prolonged Thermo-oxidative Ageing on the Mechanical Properties of Dynamically Vulcanized Poly(Vinyl Chloride)/Nitrile Butadiene Rubber Thermoplastic Elastomers. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2005, 55, 235-253.	3.4	8
23	Toughened Unsaturated Polyester Composites Reinforced with Slag Material. <i>Polymer-Plastics Technology and Engineering</i> , 2017, 56, 1657-1664.	1.9	8
24	On the Potential of Feldspar Sand for Recycled PET/SMRL Composites. <i>Journal of Elastomers and Plastics</i> , 2008, 40, 179-190.	1.5	7
25	The effect of feldspar and kaolin on mechanical performance of SBR/LDPE composites. <i>International Journal of Industrial Chemistry</i> , 2013, 4, 26.	3.1	7
26	Thermal properties of carboxylated nitrile rubber/nylon-12 composites-filled lignocellulose materials. <i>Journal of Thermoplastic Composite Materials</i> , 2014, 27, 167-179.	4.2	7
27	Thermo-oxidative aging and fatigue behavior of dynamically vulcanized PVC/ENR thermoplastic elastomers. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2002, 51, 967-980.	3.4	6
28	Fatigue Behavior of Dynamically Vulcanized Poly(Vinyl Chloride)/Nitrile Butadiene Rubber Thermoplastic Elastomers. <i>Polymer-Plastics Technology and Engineering</i> , 2005, 44, 1095-1108.	1.9	5
29	The Application of Solid Olive Waste as Reinforcement in Carboxylated Nitrile Butadiene Rubber/Organo Nano Layered Silicates Composites. <i>Journal of Solid Waste Technology and Management</i> , 2013, 39, 197-203.	0.2	5
30	Mechanical properties of electron beam treated carboxylated nitrile butadiene rubber (XNBR) composites reinforced by organic/inorganic hybrid filler. <i>Journal of Composite Materials</i> , 2012, 46, 1151-1157.	2.4	4
31	The effect of silane-coated slag mineral on the mechanical and dynamic mechanical properties of unsaturated polyester composite materials. <i>Journal of Adhesion Science and Technology</i> , 2020, 34, 1609-1627.	2.6	4
32	Utilization of Agrowaste Polymers in PVC/NBR Alloys: Tensile, Thermal, and Morphological Properties. <i>International Journal of Chemical Engineering</i> , 2012, 2012, 1-5.	2.4	3
33	The Effect of Exfoliated Graphite on the Thermal and Mechanical Properties of Dynamically Vulcanized Polystyrene/Styrene Butadiene Rubber Composites. <i>Journal of Engineering Materials and Technology, Transactions of the ASME</i> , 2018, 140, .	1.4	3
34	Thermosetting polymer composites from unsaturated polyester resin filled alkali activated and rubber coated sustainable ferrous by-products. <i>Materials Research Express</i> , 2019, 6, 105207.	1.6	3
35	Cure Characteristics and Thermal Behavior of Organicâ€“Inorganic Hybrid Composite as Assessed by DSC, TGA, and DMA Techniques. <i>Journal of Sustainable Metallurgy</i> , 2019, 5, 442-448.	2.3	3
36	Activated slag as an additive to rubberized unsaturated polyester composite: Thermal and mechanical study. <i>Journal of Vinyl and Additive Technology</i> , 2020, 26, 173-179.	3.4	3

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37	The Effect of Silane Treated Hybrid Filler on the Mechanical and Thermal Performance of Carboxylated Nitrile Butadiene Rubber (XNBR) Composites. International Polymer Processing, 2012, 27, 328-333.	0.5	2
38	Utilization of cellulose based agro-waste as reinforcement for unsaturated polyester composites. International Journal of Plastics Technology, 2016, 20, 203-218.	3.1	2
39	Wood-Like Material from Thermoplastic Polymer and Landfill Bio-Materials: Water Absorption, Thermal and Morphological Studies. Polymers From Renewable Resources, 2014, 5, 29-45.	1.3	1
40	Bio-Based Fillers. , 2014, , 1-4.		1
41	The Potential of Reformed Slag on the Mechanical and Thermal Behaviour of Toughened Unsaturated Polyester Composites. Waste and Biomass Valorization, 2020, 11, 4369-4378.	3.4	1
42	Wood-Like Material from Thermoplastic Polymer and Landfill Bio-Materials: Dma, Tga and Solvent Resistance Properties. Polymers From Renewable Resources, 2015, 6, 25-41.	1.3	0
43	THE EFFECT OF SLAG ADDITION ON THE: MORPHOLOGICAL, CHEMICAL AND MECHANICAL PERFORMANCE OF LOCAL PORTLAND CEMENT COMPOSITES.. , 2017, , .		0
44	Modification of Mineral Powder by Various Organic Materials: Their Potential as Reinforcement for Unsaturated Polyester Composites. Russian Journal of Applied Chemistry, 2020, 93, 1968-1975.	0.5	0