

Momen S A Abdelaty

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

216
citations

1040056

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1058476

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all docs

19
docs citations

19
times ranked

37
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and Characterization of New Functional Photo Cross-Linkable Smart Polymers Containing Vanillin Derivatives. Gels, 2016, 2, 3.	4.5	27
2	Environmental functional photo-cross-linked hydrogel bilayer thin films from vanillin (part 2): temperature-responsive layer A, functional, temperature and pH layer B. Polymer Bulletin, 2018, 75, 4837-4858.	3.3	20
3	Preparation and Characterization of New Environmental Functional Polymers Based on Vanillin and N-isopropylacrylamide for Post Polymerization. Journal of Polymers and the Environment, 2018, 26, 636-646.	5.0	20
4	Environmental Functional Photo-Cross-Linked Hydrogel Bilayer Thin Films from Vanillin. Journal of Polymers and the Environment, 2018, 26, 2243-2256.	5.0	20
5	Poly(N-isopropylacrylamide-co-2-((diethylamino)methyl)-4-formyl-6-methoxyphenyl acrylate) Environmental Functional Copolymers: Synthesis, Characterizations, and Grafting with Amino Acids. Biomolecules, 2018, 8, 138.	4.0	15
6	Influence of vanillin acrylate and 4-acetylphenyl acrylate hydrophobic functional monomers on phase separation of N-isopropylacrylamide environmental terpolymer: fabrication and characterization. Polymer Bulletin, 2020, 77, 2905-2922.	3.3	15
7	Layer by Layer Photo-Cross-Linked Environmental Functional hydrogel Thin Films Based on Vanillin: Part 3. Journal of Polymers and the Environment, 2019, 27, 1212-1225.	5.0	14
8	The Effect Hydrophilic/Hydrophobic Interaction of 2-((Dimethylamino)methyl)-4-formyl-6-methoxyphenyl Acrylate and 4-Acetylphenyl Acrylate Monomers on the Phase Transition Temperature of N-isopropylacrylamide Terpolymers. Journal of Polymers and the Environment, 2020, 28, 2584-2598.	5.0	10
9	The Influence of Vanillin Acrylate Derivative on the Phase Separation Temperature of Environmental Photo-Cross-Linked N-isopropylacrylamide Copolymer and Hydrogel Thin Films. Journal of Polymers and the Environment, 2020, 28, 2599-2615.	5.0	10
10	Poly (N-Isopropyl Acrylamide-<i>i>Co-<i>i>Vanillin Acrylate) Dual Responsive Functional Copolymers for Grafting Biomolecules by Schiff's Base Click Reaction. Open Journal of Organic Polymer Materials, 2018, 08, 15-32.	3.2	10
11	A Facile Method for the Preparation of Hydrophilic-Hydrophobic Functional Thermo-pH Responsive Terpolymers Based on Poly (NIPAAm-co-DMAA-co-DMAMVA) and Post-polymerization. Journal of Polymers and the Environment, 2021, 29, 3227-3241.	5.0	9
12	Poly(N-isopropylacrylamide-co-2-((diethylamino)methyl)-4-methylphenyl acrylate) thermo-ph responsive copolymer: trend in the lower critical solution temperature optimization of Poly (N-isopropylacrylamide). Journal of Polymer Research, 2021, 28, 1.	2.4	9
13	Preparation and Characterization of Environmental Functional Poly(Styrene-<i>i>Co-<i>i>2-[(Diethylamino)Methyl]- 4-Formyl-6-Methoxy-Phenyl Acrylate) Copolymers for Amino Acid Post Polymerization. Open Journal of Polymer Chemistry, 2018, 08, 41-55.	3.3	9
14	Trends in the Phase Separation Temperature Optimization of a Functional and Thermo-pH Responsive Terpolymer of Poly (N-isopropylacrylamide-co-N-(2-(dimethylamino)ethyl) Acrylamide-co-vanillin) Tj ETQqO 0 0 rgBT #O verlock 10 Tf 50 2	3.0	8
15	Altering of lower critical solution temperature of environmentally responsive poly (N-isopropylacrylamide-co-acrylic acid-co-vanillin acrylate) affected by acrylic acid, vanillin acrylate, and post-polymerization modification. Colloid and Polymer Science, 2021, 299, 1617-1629.	2.1	5
16	The Influence of pH/Salt Concentrations on Tuning Lower Critical Solution Temperature of Poly(NIPAAm-co-DMAA-co-DTBAVA) Multi-Environmentally Terpolymer. Journal of Polymers and the Environment, 2022, 30, 4130-4145.	5.0	4
17	Comprehensive study of the phase transition temperature of poly (NIPAAm-co-DEAMCA-co-VA) terpolymers, post-serine and valine: thermal/pH and Hofmeister anions. Polymer Bulletin, 2023, 80, 6051-6078.	3.3	4
18	Fluctuation in the Phase Transition Temperature of Poly (NIPAAm-co-HEMA-co-DMAMVA)-Post-Guanine Affected by Hydrophilic/Hydrophobic Interaction: Fabrication and Characterizations. Journal of Polymers and the Environment, 0, , .	5.0	4

#	ARTICLE	IF	CITATIONS
19	Schiff base post-polymerization based on temperature/pH environmentally responsive poly (NIPAAm-co-DMAMVA-co-S): characterization and the trigger of LCST behavioral changes. Polymer Bulletin, 2023, 80, 5759-5783.	3.3	3