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List of Publications by Year
in descending order

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48 papers	695 citations	858243 12 h-index	651938 25 g-index
48 all docs	48 docs citations	48 times ranked	718 citing authors

#	Article	IF	Citations
1	Shear and extensional viscosity of thermally aggregated thermoplastic protein. Journal of Applied Polymer Science, 2020, 137, 49393.	1.3	2
2	Rheology and sheet extrusion of Novatein thermoplastic protein/polybutylene adipateâ€coâ€terephthalate blends. Journal of Applied Polymer Science, 2019, 136, 47977.	1.3	2
3	The role of phase separation in determining the glass transition behaviour of thermally aggregated protein-based thermoplastics. Polymer Testing, 2019, 76, 119-126.	2.3	8
4	Thermal analysis and secondary structure of protein fractions in a highly aggregated protein material. Polymer Testing, 2019, 77, 105876.	2.3	3
5	The role of plasticizers during protein thermoplastic foaming. Journal of Applied Polymer Science, 2019, 136, 47781.	1.3	4
6	Formation of secondary structures in protein foams as detected by synchrotron FT-IR. Polymer Testing, 2019, 73, 82-86.	2.3	4
7	Structural changes and energy absorption mechanisms during fracture of thermoplastic protein blends using synchrotron FTIR. Polymer Engineering and Science, 2018, 58, E124.	1.5	1
8	Conformational changes after foaming in a proteinâ€based thermoplastic. Journal of Applied Polymer Science, 2018, 135, 46005.	1.3	3
9	Compatibilization effects in thermoplastic protein/polyester blends. Journal of Applied Polymer Science, 2018, 135, 45808.	1.3	4
10	Manipulating morphology in thermoplastic protein/polyester blends for improved impact strength. Advances in Polymer Technology, 2018, 37, 2354-2366.	0.8	2
11	Processability and mechanical properties of bioplastics produced from decoloured bloodmeal. Advances in Polymer Technology, 2018, 37, 2102-2113.	0.8	8
12	The relationship between morphology development and mechanical properties in thermoplastic protein blends. Advances in Polymer Technology, 2018, 37, 1886-1896.	0.8	3
13	Energy Absorption Mechanisms and Impact Strength Modification in Multiphase Biopolymer Systems. Recent Patents on Materials Science, 2018, 11, 2-18.	0.5	3
14	Phase separation of plasticizers in thermally aggregated proteinâ€based thermoplastics. Advances in Polymer Technology, 2018, 37, 2922-2935.	0.8	4
15	The role of water in plasticizing thermally aggregated proteinâ€based thermoplastics. Journal of Applied Polymer Science, 2018, 135, 46746.	1.3	2
16	Morphology and compressive behaviour of foams produced from thermoplastic protein. Journal of Materials Science, 2018, 53, 15703-15716.	1.7	11
17	Biopolymer foams from Novatein thermoplastic protein and poly(lactic acid). Journal of Applied Polymer Science, 2017, 134, 45561.	1.3	4
18	Extrudability and Consolidation of Blends between CGM and DDGS. Advances in Materials Science and Engineering, 2016, 2016, 1-11.	1.0	1

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19	Impact Modification and Fracture Mechanisms of Coreâ€"Shell Particle Reinforced Thermoplastic Protein. Macromolecular Materials and Engineering, 2016, 301, 992-1003.	1.7	6
20	The Effect of SDS and TEG on Chain Mobility and Secondary Structure of Decolored Bloodmeal. Macromolecular Materials and Engineering, 2015, 300, 328-339.	1.7	3
21	Changes in hydrogen bonding in protein plasticized with triethylene glycol. Journal of Applied Polymer Science, 2015, 132, .	1.3	5
22	Nonisothermal Curing of DGEBA with Bloodmeal-based Proteins. Industrial & Engineering Chemistry Research, 2015, 54, 4717-4724.	1.8	5
23	Shortâ€Term Viscoelastic Properties of Bloodmealâ€Based Thermoplastics. Advances in Polymer Technology, 2014, 33, .	0.8	2
24	Thermal and Mechanical Properties of Bloodmeal-Based Thermoplastics Plasticized with Tri(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.7	14
25	Mechanical Properties of Thermoplastic Protein From Bloodmeal and Polyester Blends. Macromolecular Materials and Engineering, 2014, 299, 885-895.	1.7	12
26	Treating Bloodmeal with Peracetic Acid to Produce a Bioplastic Feedstock. Macromolecular Materials and Engineering, 2014, 299, 75-84.	1.7	12
27	Producing protein intercalated bentonite â€" Equilibrium, kinetics and physical properties of gelatinâ€"bentonite system. Applied Clay Science, 2014, 87, 52-60.	2.6	17
28	Thermally resolved synchrotron FT-IR microscopy of structural changes in bloodmeal-based thermoplastics. Journal of Thermal Analysis and Calorimetry, 2014, 115, 433-441.	2.0	7
29	Effect of oxidative treatment on the secondary structure of decoloured bloodmeal. RSC Advances, 2014, 4, 31201-31209.	1.7	13
30	Thermal Transitions and Structural Relaxations in Proteinâ€<scp>B</scp>ased Thermoplastics. Macromolecular Materials and Engineering, 2014, 299, 524-539.	1.7	40
31	Plasticizer migration in bloodmealâ€based thermoplastics. Journal of Applied Polymer Science, 2014, 131, .	1.3	7
32	Evaluation of Fishmeal as Starting Material for Producing Biodegradable Protein-Based Thermoplastic Polymers. Waste and Biomass Valorization, 2013, 4, 147-159.	1.8	6
33	Injection-Molding Performance and Mechanical Properties of Blood Meal-Based Thermoplastics. Advances in Polymer Technology, 2013, 32, n/a-n/a.	0.8	19
34	Using synchrotron FTIR spectroscopy to determine secondary structure changes and distribution in thermoplastic protein. Journal of Applied Polymer Science, 2013, 130, 359-369.	1.3	24
35	Structural changes as a result of processing in thermoplastic bloodmeal. Journal of Applied Polymer Science, 2012, 125, E347.	1.3	7
36	The Effect of Aqueous Urea on the Processing, Structure and Properties of CGM. Journal of Polymers and the Environment, 2012, 20, 335-343.	2.4	12

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37	Odorous Compounds in Bioplastics Derived from Bloodmeal. JAOCS, Journal of the American Oil Chemists' Society, 2012, 89, 529-540.	0.8	6
38	An eco-profile of thermoplastic protein derived from blood meal Part 1: allocation issues. International Journal of Life Cycle Assessment, 2012, 17, 208-219.	2.2	13
39	An ecoprofile of thermoplastic protein derived from blood meal Part 2: thermoplastic processing. International Journal of Life Cycle Assessment, 2012, 17, 314-324.	2.2	5
40	Moisture sorption and plasticization of bloodmeal-based thermoplastics. Journal of Materials Science, 2012, 47, 1187-1195.	1.7	14
41	Biodegradation of Bloodmeal-Based Thermoplastics in Green-Waste Composting. Journal of Polymers and the Environment, 2012, 20, 53-62.	2.4	5
42	Development of Proteinous Bioplastics Using Bloodmeal. Journal of Polymers and the Environment, 2011, 19, 1-10.	2.4	57
43	Mechanical Properties and Water Absorption of Thermoplastic Bloodmeal. Macromolecular Materials and Engineering, 2011, 296, 524-534.	1.7	24
44	Degradation as a result of UV radiation of bloodmeal-based thermoplastics. Polymer Degradation and Stability, 2011, 96, 515-522.	2.7	11
45	Extrusion Processing and Properties of Proteinâ€Based Thermoplastics. Macromolecular Materials and Engineering, 2010, 295, 10-21.	1.7	277
46	Decoloured NovateinÂ® and PLA Blends Compatibilized with Itaconic Anhydride. Applied Mechanics and Materials, 0, 884, 3-13.	0.2	1
47	Influence of morphology on the dynamic and quasiâ€static energy absorption of polylactic acidâ€based lattice structures. Journal of Applied Polymer Science, 0, , 52343.	1.3	1
48	Functionalization of poly(butylene adipateâ€coâ€terephthalate) with itaconic anhydride through graft copolymerization. Journal of Applied Polymer Science, 0, , .	1.3	1