Amin Abbasi

List of Publications by Year
in descending order

14	208	840119 11	1058022 14
papers	citations	h-index	g-index

14	14	14	70
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Copolymerization of vegetable oils and bio-based monomers with elemental sulfur: A new promising route for bio-based polymers. Sustainable Chemistry and Pharmacy, 2019, 13, 100158.	1.6	33
2	Evaluation of properties of sulfur-based polymers obtained by inverse vulcanization: Techniques and challenges. Polymers and Polymer Composites, 2021, 29, 1333-1352.	1.0	26
3	Optimization of synthesis of inverse vulcanized copolymers from rubber seed oil using response surface methodology. Polymer, 2021, 219, 123553.	1.8	18
4	Sulfur-based polymers by inverse vulcanization: a novel path to foster green chemistry. Green Materials, 2020, 8, 172-180.	1.1	16
5	Sulfur enriched slow-release coated urea produced from inverse vulcanized copolymer. Science of the Total Environment, 2022, 846, 157417.	3.9	16
6	Preparation and characterization of sulfur-vinylbenzyl chloride polymer under optimized reaction conditions using inverse vulcanization. European Polymer Journal, 2021, 143, 110202.	2.6	15
7	A Degradable Inverse Vulcanized Copolymer as a Coating Material for Urea Produced under Optimized Conditions. Polymers, 2021, 13, 4040.	2.0	15
8	Synthesis and Characterization of Sustainable Inverse Vulcanized Copolymers from Nonâ€Edible Oil. ChemistrySelect, 2021, 6, 1180-1190.	0.7	14
9	Facile preparation of fibrous glycidol-containing adsorbent for boron removal from solutions by radiation-induced grafting of poly(vinylamine) and functionalisation. Radiation Physics and Chemistry, 2021, 188, 109596.	1.4	13
10	Boron removal by glucamine-functionalized inverse vulcanized sulfur polymer. Reactive and Functional Polymers, 2022, 177, 105311.	2.0	13
11	Preparation and characterization of green polymer by copolymerization of corn oil and sulphur at molten state. Polymers and Polymer Composites, 2021, 29, 1179-1190.	1.0	12
12	Copolymerization of palm oil with sulfur using inverse vulcanization to boost the palm oil industry. Polymers and Polymer Composites, 2021, 29, S1446-S1456.	1.0	6
13	Degradable Slow-Release Fertilizer Composite Prepared by Ex Situ Mixing of Inverse Vulcanized Copolymer with Urea. Agronomy, 2022, 12, 65.	1.3	6
14	Conversion of palm oil to new sulfur-based polymer by inverse vulcanization. E3S Web of Conferences, 2021, 287, 02014.	0.2	5