

Trishna Bal

List of Publications by Year in descending order

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11
papers

148
citations

1307594

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1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

107
citing authors

#	ARTICLE	IF	CITATIONS
1	Green nanofiber mat from HLMâ€“PVAâ€“Pectin (Hibiscus leaves mucilageâ€“polyvinyl alcoholâ€“pectin) polymeric blend using electrospinning technique as a novel material in wound-healing process. Applied Nanoscience (Switzerland), 2022, 12, 237-250.	3.1	27
2	Thermal, mechanical, and dielectric properties of low loss $\text{PbZr}_{0.3}\text{Ti}_{0.7}\text{O}_{3-x}\text{Ca}_{x}\text{O}_{3-x}$ composites prepared by hotâ€“press method. Polymer Composites, 2021, 42, 1420-1428.	7.6	3
3	Preparation and characterization of microwave irradiated pH-sensitive polyacrylamide grafted flax seed mucilage graft copolymeric hydrogel (PFLSM-g-PAM-cl-MBA) and its evaluation as effective polymeric scaffold. Sustainable Chemistry and Pharmacy, 2021, 22, 100479.	3.3	9
4	Microwave assisted synthesis of polyacrylamide grafted polymeric blend of fenugreek seed mucilage-Polyvinyl alcohol (FSM-PVA-g-PAM) and its characterizations as tissue engineered scaffold and as a drug delivery device. DARU, Journal of Pharmaceutical Sciences, 2020, 28, 33-44.	2.0	21
5	Fabrication and evaluation of pH-sensitive biocompatible microwave irradiated moringa barkgum-carrageenan (MOG-CRG-IPN) interpenetrating isotropic polymeric network for controlled delivery of pharmaceuticals. Sustainable Chemistry and Pharmacy, 2020, 18, 100325.	3.3	8
6	Fabrication and invitro evaluation of electrospun gum ghatti-polyvinyl alcohol polymeric blend green nanofibre mat (GG-PVA NFM) as a novel material for polymeric scaffolds in wound healing. Polymer Testing, 2020, 91, 106826.	4.8	8
7	Invitro evaluations of free radical assisted microwave irradiated polyacrylamide grafted cashew gum (CG) biocompatible graft copolymer (CG-g-PAM) as effective polymeric scaffold. Journal of Drug Delivery Science and Technology, 2020, 56, 101572.	3.0	17
8	In vitro Evaluations of Biodegradable Polyacrylamide Grafted Moringa Bark Gum Graft Copolymer (MOG-g- PAAM) as Biomedical and Controlled Drug Delivery Device Synthesized by Microwave Accelerated free Radical Synthesis. Indian Journal of Pharmaceutical Education and Research, 2020, 54, 385-396.	0.6	11
9	Microwave irradiated Carrageenan-Guar gum micro-porous IPN: a novel material for isotropic tissue scaffolding. International Journal of Polymeric Materials and Polymeric Biomaterials, 2019, 68, 796-804.	3.4	16
10	Carrageenan-guar gum microwave irradiated micro-porous interpenetrating polymer network: A system for drug delivery. International Journal of Polymeric Materials and Polymeric Biomaterials, 2019, 68, 256-265.	3.4	21
11	A rapid and sensitive determination of hypoxic radiosensitizer agent nimorazole in rat plasma by LCâ€“MS/MS and its application to a pharmacokinetic study. Biomedical Chromatography, 2015, 29, 1575-1580.	1.7	5