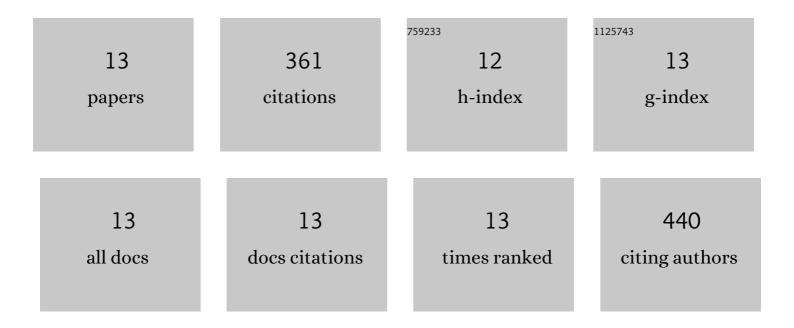
Arindam Giri

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Polymer hydrogel from carboxymethyl guar gum and carbon nanotube for sustained trans-dermal release of diclofenac sodium. International Journal of Biological Macromolecules, 2011, 49, 885-893.	7.5	87
2	Acrylic acid grafted guargum–nanosilica membranes for transdermal diclofenac delivery. Carbohydrate Polymers, 2013, 91, 492-501.	10.2	51
3	Influence of hydrodynamic size and zeta potential of a novel polyelectrolyte poly(acrylic acid) grafted guar gum for adsorption of Pb(II) from acidic waste water. Journal of Environmental Chemical Engineering, 2016, 4, 1731-1742.	6.7	38
4	Uniquely different PVA-xanthan gum irradiated membranes as transdermal diltiazem delivery device. Carbohydrate Polymers, 2013, 95, 252-261.	10.2	33
5	Tailoring carboxymethyl guargum hydrogel with nanosilica for sustained transdermal release of diclofenac sodium. Carbohydrate Polymers, 2012, 87, 1532-1538.	10.2	29

6 A transdermal diltiazem hydrochloride delivery device using multi-walled carbon nanotube/poly(vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf

7	Fabrication of acrylic acid grafted guar gum-multiwalled carbon nanotube hydrophobic membranes for transdermal drug delivery. RSC Advances, 2015, 5, 41736-41744.	3.6	19
8	A transdermal device from 2-hydroxyethyl methacrylate grafted carboxymethyl guar gum–multi-walled carbon nanotube composites. RSC Advances, 2014, 4, 13546.	3.6	18
9	In-situ synthesis of polyacrylate grafted carboxymethyl guargum–carbon nanotube membranes for potential application in controlled drug delivery. European Polymer Journal, 2016, 74, 13-25.	5.4	16
10	Polyelectrolytic aqueous guar gum for adsorptive separation of soluble Pb(II) from contaminated water. Carbohydrate Polymers, 2014, 110, 224-230.	10.2	15
11	A rhodamine based turn-on chemosensor for Fe ³⁺ in aqueous medium and interactions of its Fe ³⁺ complex with HSA. New Journal of Chemistry, 2017, 41, 11661-11671.	2.8	14
12	Synthesis and characterization of biopolymer based hybrid hydrogel nanocomposite and study of their electrochemical efficacy. International Journal of Biological Macromolecules, 2019, 123, 228-238.	7.5	12
13	Physical, mechanical, and transdermal diltiazem release analysis of nanosilica tailored various poly(vinyl alcohol) membranes. Journal of Applied Polymer Science, 2013, 130, 2076-2086.	2.6	3