Vineet Kumar

List of Publications by Year
in descending order

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48	999	471061 17	454577 30
papers	citations	h-index	g-index

48	48	48	985
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cover Image, Volume 139, Issue 5. Journal of Applied Polymer Science, 2022, 139, 51074.	1.3	0
2	Preparation of galactomannan based viscosifiers using bifunctional crosslinker: Case studies using 2â€(chloromethyl)oxirane. Journal of Applied Polymer Science, 2022, 139, 51669.	1.3	1
3	Synthesis, characterization and evaluation of amphoteric galactomannan derivative for the mitigation of malachite green and congo red dye from aqueous solution. Cellulose, 2022, 29, 1035-1053.	2.4	5
4	Synthesis and characterization of galactomannan polymer hydrogel and sustained drug delivery. Carbohydrate Polymer Technologies and Applications, 2022, 4, 100230.	1.6	6
5	Genetic diversity and population structure assessment using molecular markers and SPAR approach in Illicium griffithii, a medicinally important endangered species of Northeast India. Journal of Genetic Engineering and Biotechnology, 2021, 19, 118.	1.5	8
6	Hydroxypropylation of 1,2 Galactomannan by Taguchi's L9 Orthogonal Array Design. ChemistrySelect, 2021, 6, 8709-8715.	0.7	1
7	Comprehensive structural analysis of cis- and trans-tiliroside and quercetrin from Malvastrum coromandelianum and their antioxidant activities. Arabian Journal of Chemistry, 2020, 13, 1720-1730.	2.3	17
8	Synthesis and characterization of quaternized Cassia tora gum using Taguchi Lâ€™16 approach. Carbohydrate Polymers, 2020, 232, 115731.	5.1	13
9	Opportunity of plant oligosaccharides and polysaccharides in drug development. , 2020, , 587-639.		4
10	Application, Synthesis, and Characterization of Cationic Galactomannan from Ruderal Species as a Wet Strength Additive and Flocculating Agent. ACS Omega, 2020, 5, 25240-25252.	1.6	12
11	Synthesis of quaternised guar gum using Taguchi L(16) orthogonal array. Carbohydrate Polymers, 2020, 237, 116136.	5.1	16
12	Ce(IV)-ion initiated grafting of 1,3 galactomannan biopolymer with acrylonitrile. Journal of Macromolecular Science - Pure and Applied Chemistry, 2020, 57, 519-530.	1.2	3
13	Rheological and NMR spectral data sets of quaternary ammonium derivative of Cassia tora Linn. seed gum. Data in Brief, 2020, 29, 105271.	0.5	0
14	Thermal, spectroscopic, SEM and rheological datasets of native and quaternized guar gum. Data in Brief, 2020, 30, 105565.	0.5	3
15	Upgrading Methylation Method for Structural Studies of Polysaccharides: Case Analysis of a Bioactive Polysaccharide from Acacia tortilis. Journal of Biologically Active Products From Nature, 2020, 10, 70-85.	0.1	3
16	Structural analysis and antioxidant activity of an arabinoxylan from Malvastrum coromandelianum L. (Garcke). RSC Advances, 2019, 9, 24267-24279.	1.7	8
17	A unique polysaccharide containing 3- O -methylarabinose and 3- O -methylgalactose from Tinospora sinensis. Carbohydrate Polymers, 2018, 193, 326-335.	5.1	6
18	Acidic and Neutral Monosaccharide Analysis of Cold Water Soluble Polysaccharide from Hippophae salicifolia D. Don Leaves. Journal of Biologically Active Products From Nature, 2017, 7, 27-33.	0.1	0

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19	Estimation of uronic acids using diverse approaches and monosaccharide composition of alkali soluble polysaccharide from Vitex negundo Linn.. Carbohydrate Polymers, 2017, 165, 205-212.	5.1	40
20	FTIR and GCâ€“MS spectral datasets of wax from Pinus roxburghii Sarg. needles biomass. Data in Brief, 2017, 15, 615-622.	0.5	14
21	Structural profiling of wax biopolymer from Pinus roxburghii Sarg. needles using spectroscopic methods. International Journal of Biological Macromolecules, 2017, 104, 261-273.	3.6	4
22	Monosaccharide composition of acidic gum exudates from Indian Acacia tortilis ssp. raddiana (Savi) Brenan. International Journal of Biological Macromolecules, 2017, 94, 45-50.	3.6	13
23	Synthesis, physico-chemical and biomedical applications of sulfated Aegle marmelos gum: Green chemistry approach. Arabian Journal of Chemistry, 2017, 10, S2151-S2159.	2.3	8
24	Studies on Tinospora cordifolia monosugars and correlation analysis of uronic acids by spectrophotometric methods and GLC. Carbohydrate Polymers, 2014, 99, 291-296.	5.1	16
25	Multifunctional properties of polysaccharides from Dalbergia sissoo, Tectona grandis and Mimosa diplotricha. Carbohydrate Polymers, 2014, 102, 341-350.	5.1	17
26	Do assorted approaches aid in estimation of uronic acids? Case studies on Tinospora sinensis polysaccharides. International Journal of Biological Macromolecules, 2014, 70, 360-363.	3.6	15
27	Molecular Weight Determination and Correlation Analysis of Dalbergia sissoo Polysaccharide with Constituent Oligosaccharides. Phytochemical Analysis, 2013, 24, 75-80.	1.2	10
28	Aegle marmelos fruit pectin for food and pharmaceuticals: Physico-chemical, rheological and functional performance. Carbohydrate Polymers, 2013, 93, 386-394.	5.1	43
29	Exploring potential new gum source Aegle marmelos for food and pharmaceuticals: Physical, chemical and functional performance. Industrial Crops and Products, 2013, 45, 312-318.	2.5	40
30	Sulfation of Aegle marmelos gum: Synthesis, physico-chemical and functional characterization. Carbohydrate Polymers, 2013, 92, 1660-1668.	5.1	35
31	Î±-d-Glucosidase inhibitory activity of polysaccharide isolated from Acacia tortilis gum exudate. International Journal of Biological Macromolecules, 2013, 59, 214-220.	3.6	50
32	An insight into the properties of Aegle marmelos pectinâ€“chitosan cross-linked films. International Journal of Biological Macromolecules, 2013, 52, 77-84.	3.6	33
33	Physico-chemical, mechanical and electrical performance of bael fruit gumâ€“chitosan IPN films. Food Hydrocolloids, 2013, 30, 192-199.	5.6	32
34	Structural characterization of an acidic polysaccharide from Dalbergia sissoo Roxb. leaves. Carbohydrate Polymers, 2012, 90, 243-250.	5.1	15
35	Optimization of reaction conditions for grafting of Î±-cellulose isolated from Lantana camara with acrylamide. Carbohydrate Polymers, 2011, 86, 760-768.	5.1	19
36	Graft copolymerization onto Tamarind Kernel Powder: Ceric(IV)â€initiated graft copolymerization of acrylonitrile. Journal of Applied Polymer Science, 2009, 114, 377-386.	1.3	11

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37	Structure of the oligosaccharides isolated from Dalbergia sissoo Roxb. leaf polysaccharide. Carbohydrate Polymers, 2009, 78, 520-525.	5.1	16
38	Cyanoethylation of Tamarind Kernel Powder. Starch/Staerke, 2008, 60, 41-47.	1.1	18
39	Graft copolymerization of acrylamide onto tamarind kernel powder in the presence of ceric ion. Journal of Applied Polymer Science, 2008, 108, 3696-3701.	1.3	35
40	Carboxymethylation of Tamarind kernel powder. Carbohydrate Polymers, 2007, 69, 251-255.	5.1	115
41	Conformational Analysis of the Biflavanoid GB2 and a Polyhydroxylated Flavanone-Chromone ofCratoxylum neriifolium. Planta Medica, 2004, 70, 646-651.	0.7	11
42	Carbamoylethylation of guar gum. Carbohydrate Polymers, 2004, 58, 449-453.	5.1	46
43	Ce(IV)-Ion Initiated Graft Copolymerization of Methyl Methacrylate onto Guar Gum. Journal of Macromolecular Science - Pure and Applied Chemistry, 2003, 40, 49-60.	1.2	29
44	Carboxymethylation ofCassia tora gum. Journal of Applied Polymer Science, 2003, 89, 3216-3219.	1.3	30
45	Graft copolymerization of acrylonitrile ontoCassia tora gum with ceric ammonium nitrate-nitric acid as a redox initiator. Journal of Applied Polymer Science, 2003, 90, 129-136.	1.3	45
46	Carbamoylethylation of Cassia tora gum. Carbohydrate Polymers, 2003, 54, 143-147.	5.1	56
47	Cyanoethylation ofCassia tora Gum. Starch/Staerke, 2003, 55, 38-42.	1.1	29
48	Ceric ammonium nitrate-initiated graft copolymerization of acrylamide ontoCassia tora gum. Journal of Applied Polymer Science, 2002, 86, 3250-3255.	1.3	48