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3.4.5 - Bibliometrics of the publications during the last five years based on average Citation Index in Scopus/ Web of Science/PubMed



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Dr. N. RAMAN
Principal

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the details of Bibliometrics of the publications during the last five years based on average citation index in Scopus / Web of Science or PubMed is **364**. The year wise details are given below:

Academic Year		2021-2022	2020-2021	2019-2020	2018-2019	2017-2018	Grand Total
Publications	WOS	4	4	4	3	-	15
	Scopus	7	5	7	7	4	30
	Total	11	9	11	10	4	45
Citations	WOS	72	60	38	9	-	179
	Scopus	72	69	35	9	-	185
	Total	144	129	73	18	-	364



Principal

Dr. N. RAMAN

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Scopus

S.No	Title of the Paper	Name of the Author	Title of the Journal	Year of Publication	Citation Index
1	Study on novel biopolymer electrolyte Moringa oleifera gum with ammonium nitrate	Chitra R	Polymer Bulletin	2022	4
2	Na-ion conducting biopolymer electrolyte based on tamarind seed polysaccharide incorporated with sodium perchlorate for primary sodium-ion batteries	Maithilee K	Ionics	2022	2
3	Lithium ion conducting biopolymer membrane based on kappa carrageenan with LiCl and its application to electrochemical devices	Chitra R	Materials Today: Proceedings	2022	1
4	Analysis of phytochemical constituents and antibacterial activity of Wrightia tinctoria: traditional medicinal plant of India for application on wound dressing materials	Meenu N.C	Indian Journal of Traditional Knowledge	2022	1
5	QSPR Modeling of Status-Based Topological Indices with COVID-19 Drugs	Nagarajan S., Priyadharsini G.	Polycyclic Aromatic Compounds	2022	1
6	Expediency of Investments in Real Estate Sector	Jayanthi M., Saravanakumar S.	ECS Transactions	2022	1



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7	Synthesis and characterization of Dextran, poly (vinyl alcohol) blend biopolymer electrolytes with NH ₄ NO ₃ , for electrochemical applications	Chitra R	International Journal of Green Energy	2022	5
8	Investigation of blend biopolymer electrolytes based on Dextran-PVA with ammonium thiocyanate	Chitra R	Journal of Solid State Electrochemistry	2021	13
9	Biosorption of reactive dyes by green synthesis of nanocomposite using moringa olifera	Selvi S.K., Nachimuthu S.	AIP Conference Proceedings	2021	0
10	Genetic epidemiology of autoinflammatory disease variants in Indian population from 1029 whole genomes	Vidhya A K	Journal of Genetic Engineering and Biotechnology	2021	0
11	Pharmacogenomic landscape of COVID-19 therapies from Indian population genomes	Vidhya A K	Pharmacogenomics	2021	3
12	IndiGenomes: A comprehensive resource of genetic variants from over 1000 Indian genomes	Vidhya A K	Nucleic Acids Research	2021	24
13	Gustafson-kessel clustering model to identify the high-level performers in educational domain	Thilagaraj T.	International Journal of Scientific and Technology Research	2020	0




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14	Wiener invariants of product of graphs	Nagarajan S., Priyadharsini G.	Advances in Mathematics: Scientific Journal	2020	0
15	Implementation of Fuzzy Clustering Algorithms to Analyze Students Performance Using R-Tool	Thilagaraj T	Lecture Notes in Networks and Systems	2020	1
16	Synthesis and characterization of iota-carrageenan biopolymer electrolyte with lithium perchlorate and succinonitrile (plasticizer)	Chitra R	Polymer Bulletin	2020	33
17	Photoluminescence and enhanced photocatalytic activity of ZnO nanoparticles through incorporation of metal dopants Al and Ca	Visali P	Optik	2020	21
18	Lithium ion conducting biopolymer membrane based on K-carrageenan with LiNO ₃	Chitra R	Ionics	2020	15
19	Crispification of temporal intuitionistic fuzzy sets	Radhamani C.	AIP Conference Proceedings	2020	1
20	Synthesis and characterization of biopolymer electrolyte based on tamarind seed polysaccharide, lithium perchlorate and ethylene carbonate for electrochemical applications	Chitra R	Ionics	2019	71




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21	Synthesis and characterization of iota-carrageenan solid biopolymer electrolytes for electrochemical applications	Chitra R	Ionics	2019	38
22	Investigation of seaweed derivative iota-carrageenan based biopolymer electrolytes with lithium trifluoromethanesulfonate	Chitra R	Materials Research Express	2019	14
23	Implementation of fuzzy C-means and fuzzy possibilistic C-means algorithms to find the low performers using R-tool	Thilagaraj T	International Journal of Scientific and Technology Research	2019	3
24	Wiener type indices of some composite graphs	Sharmiladevi G	AIP Conference Proceedings	2019	0
25	Implementation of fuzzy possibilistic product partition C-means and modified fuzzy possibilistic C-means clustering to pick the low performers using R-tool	Thilagaraj T	International Journal of Recent Technology and Engineering	2019	0
26	Fully recurrent deep neural learning based uncertain data clustering	Muruganantham S	Journal of Theoretical and Applied Information Technology	2019	0
27	Spectral clustering and vantage point indexing for efficient data retrieval	Pushpalatha R	International Journal of Electrical and Computer Engineering	2018	0



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28	Hilbert space relational scattered distance clustering for densely populated and sparsely distributed high dimensional data objects	Pushpalatha R	Journal of Theoretical and Applied Information Technology	2018	0
29	Solving fully fuzzy nonlinear programming with inequality constraints	Lalitha M	International Journal of Mechanical Engineering and Technology	2017	3
30	Designing and developing kurds based on inspiration derived from indian epics	Meenu C	Textile Trends	2017	0



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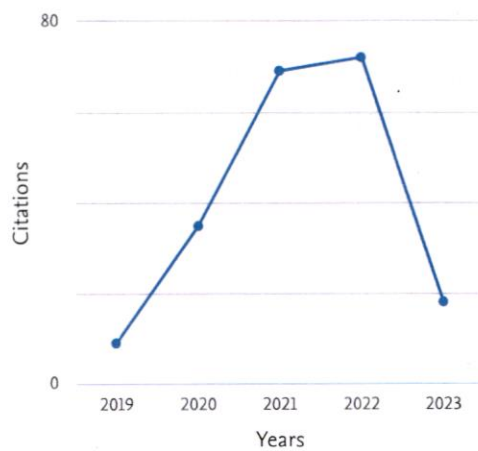
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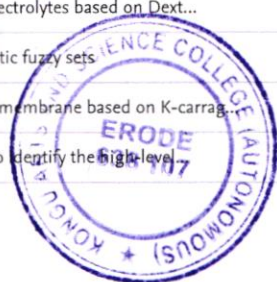
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<input type="checkbox"/> 2 Na-ion conducting biopolymer electrolyte based on tamarind s...	2022	0	0	0	0	1	1	2	0	2	
<input type="checkbox"/> 3 QSPR Modeling of Status-Based Topological Indices with COVID...	2022	0	0	0	0	0	0	0	0	0	
<input type="checkbox"/> 4 Expediency of Investments in Real Estate Sector	2022	0	0	0	0	0	0	0	0	0	
<input type="checkbox"/> 5 Lithium ion conducting biopolymer membrane based on kappa ca...	2022	0	0	0	0	0	1	1	0	1	
<input type="checkbox"/> 6 Analysis of phytochemical constituents and antibacterial act...	2022	0	0	0	0	1	0	1	0	1	
<input type="checkbox"/> 7 Synthesis and characterization of Dextran, poly(vinyl alcoh...	2022	0	0	0	0	0	5	5	0	5	
<input type="checkbox"/> 8 Biosorption of reactive dyes by green synthesis of nanocompo...	2021	0	0	0	0	0	0	0	0	0	
<input type="checkbox"/> 9 Investigation of blend biopolymer electrolytes based on Dext...	2021	0	0	0	4	5	1	10	0	10	
<input type="checkbox"/> 10 Crispification of temporal intuitionistic fuzzy sets	2020	0	0	0	0	1	0	1	0	1	
<input type="checkbox"/> 11 Lithium ion conducting biopolymer membrane based on K-carrag...	2020	0	0	0	0	0	0	0	13	13	
<input type="checkbox"/> 12 Gustafson-kessel clustering model to identify the high level...	2020	0	0	0	0	0	0	0	0	0	



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		Total	0	9	35	69	72	18	203	0	203
<input type="checkbox"/>	13 Synthesis and characterization of iota-carrageenan biopolyme...	2020		1	2	6	12	3	24		24
<input type="checkbox"/>	14 Photoluminescence and enhanced photocatalytic activity of Zn...	2020			4	7	9	1	21		21
<input type="checkbox"/>	15 Wiener invariants of product of graphs	2020							0		0
<input type="checkbox"/>	16 Implementation of Fuzzy Clustering Algorithms to Analyze Stu...	2020							0		0
<input type="checkbox"/>	17 Wiener type indices of some composite graphs	2019							0		0
<input type="checkbox"/>	18 Mitochondrial genome variations in idiopathic dilated cardio...	2019		1	2	6	3		12		12
<input type="checkbox"/>	19 Implementation of fuzzy C-means and fuzzy possibilistic C-me...	2019			1	2			3		3
<input type="checkbox"/>	20 Implementation of fuzzy possibilistic product partition C-me...	2019							0		0

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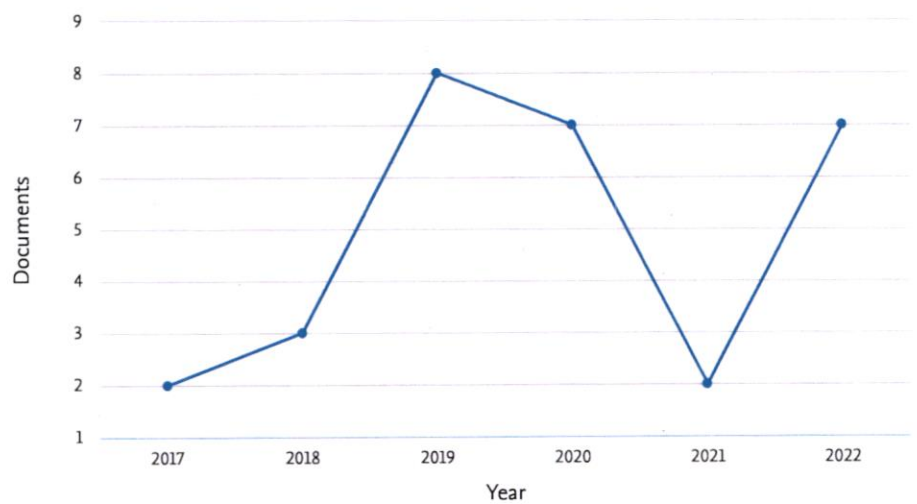
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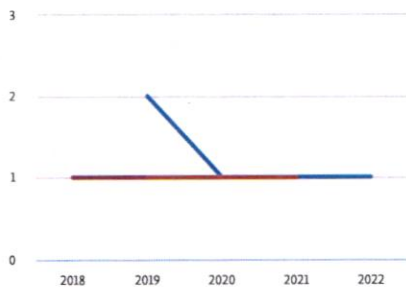
Documents by year



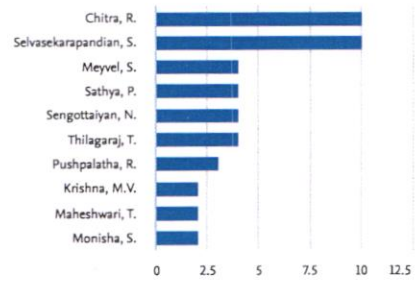
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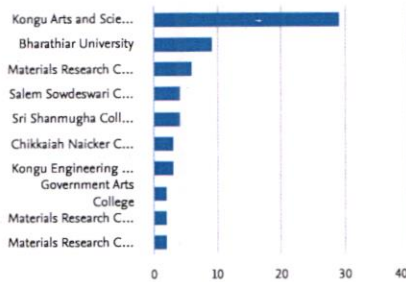
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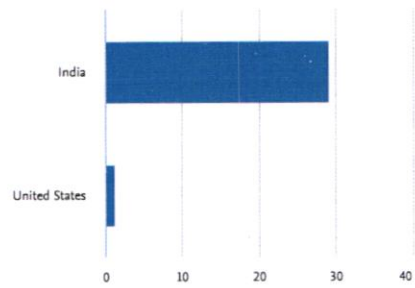
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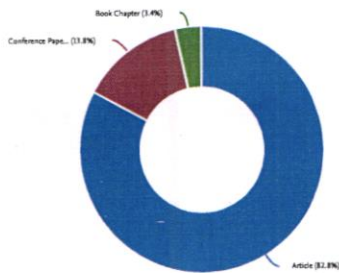
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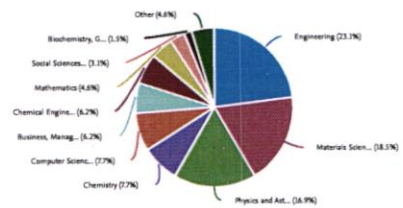
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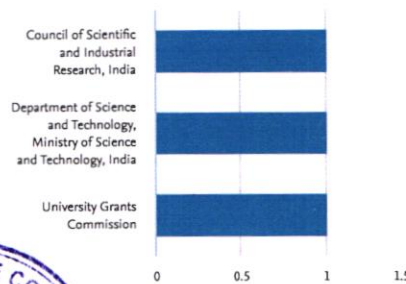
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S.No	Title of the Paper	Name of the Author	Title of the Journal	Year of Publication	Citation Index
1	Study on novel biopolymer electrolyte Moringa oleifera gum with ammonium nitrate	Chitra.R	Polymer Bulletin	2022	4
2	Na-ion conducting biopolymer electrolyte based on tamarind seed polysaccharide incorporated with sodium perchlorate for primary sodium-ion batteries	Maithilee.K	Ionics	2022	2
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5	Genetic epidemiology of autoinflammatory disease variants in Indian population from 1029 whole genomes	Vidhya A K	Journal Of Genetic Engineering And Biotechnology	2021	0
6	Pharmacogenomic landscape of COVID-19 therapies from Indian population genomes	Vidhya A K	Pharmacogenomics	2021	3
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8	Investigation of blend biopolymer electrolytes based on Dextran-PVA with ammonium thiocyanate	Chitra.R	Journal Of Solid State Electrochemistry	2021	13
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11	Photoluminescence and enhanced photocatalytic activity of ZnO nanoparticles through incorporation of metal dopants Al and Ca	Visali.P	Optik	2020	21
12	Investigation of seaweed derivative iota-carrageenan based biopolymer electrolytes with lithium trifluoromethanesulfonate	Chitra.R	Materials Research Express	2020	14
13	Synthesis and characterization of biopolymer electrolyte based on tamarind seed polysaccharide, lithium perchlorate and ethylene carbonate for electrochemical applications	Chitra.R	Ionics	2019	71
14	Synthesis and characterization of iota-carrageenan solid biopolymer electrolytes for electrochemical applications	Chitra.R	Ionics	2019	38
15	On Co-PI Index of Graphs	Sharmiladevi.G	Ars Combinatoria	2018	0



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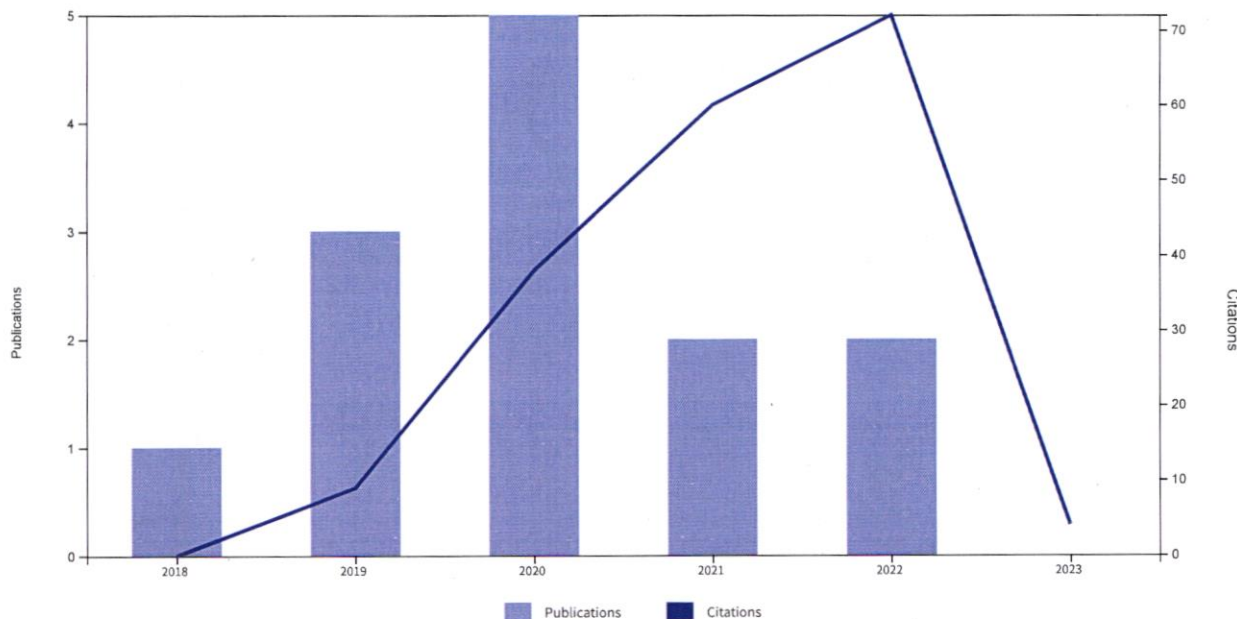
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13 Publications	Citations						Average per year	Total
	< Previous year		Next year >		Average per year	Total		
	2019	2020	2021	2022				
Total	9	38	60	72	4	36.6	183	
1 Synthesis and characterization of biopolymer electrolyte based on tamarind seed polysaccharide, lithium perchlorate and ethylene carbonate for electrochemical applications Sampathkumar, L; Selvin, PC; (...); Muthukrishnan, M Mar 2019 IONICS 25 (3), pp.1067-1082	6	19	21	15	1	12.4	62	



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2	Synthesis and characterization of iota-carrageenan solid biopolymer electrolytes for electrochemical applications Chitra, B; Sathya, P; (...); Meyvel, S May 2019 IONICS 25 (5) , pp.2147-2157							
3	Synthesis and characterization of iota-carrageenan biopolymer electrolyte with lithium perchlorate and succinonitrile (plasticizer) Chitra, B; Sathya, P; (...); Meyvel, S Mar 2020 POLYMER BULLETIN 77 (3) , pp.1555-1579	0	5	6	12	1	6	24
4	Photoluminescence and enhanced photocatalytic activity of ZnO nanoparticles through incorporation of metal dopants Al and Ca Visali, P and Bhuvaneshwari, R Feb 2020 OPTIK 202	0	3	8	8	1	5	20
5	Lithium ion conducting biopolymer membrane based on K-carrageenan with LiNO3 Mary, JA; Selvanayagam, S; (...); Ponraj, T Sep 2020 Jun 2020 (Early Access) IONICS 26 (9) , pp.4311-4326	0	0	4	6	1	2.75	11
6	Investigation of blend biopolymer electrolytes based on Dextran-PVA with ammonium thiocyanate Maheshwari, T; Tamilarasan, K; (...); Kiruthika, S Mar 2021 Oct 2020 (Early Access) JOURNAL OF SOLID STATE ELECTROCHEMISTRY 25 (3) , pp.755-765 ☰ Enriched Cited References	0	0	4	6	0	2.5	10
7	Investigation of seaweed derivative iota-carrageenan based biopolymer electrolytes with lithium trifluoromethanesulfonate Chitra, B; Sathya, P; (...); Meyvel, S Jan 2020 MATERIALS RESEARCH EXPRESS 7 (11) ☰ Enriched Cited References	0	1	5	4	0	2.5	10
8	Mitochondrial genome variations in idiopathic dilated cardiomyopathy Govindaraj, P; Bani, B; (...); Thangaraj, K Sep 2019 MITOCHONDRION 48 , pp.51-59	0	2	5	1	0	1.6	8
9	Synthesis and characterization of Dextran, poly (vinyl alcohol) blend biopolymer electrolytes with NH4NO3, for electrochemical applications Maheshwari, T; Tamilarasan, K; (...); Muthukrishnan, M Feb 19 2022 Jul 2021 (Early Access) INTERNATIONAL JOURNAL OF GREEN ENERGY 19 (3) , pp.314-330	0	0	0	5	0	1.67	5
10	Study on novel biopolymer electrolyte Moringa oleifera gum with ammonium nitrate Chitra, B; Krishna, MV and Selvasekaranandian, S Jun 2022 Mar 2021 (Early Access) POLYMER BULLETIN 79 (6) , pp.3555-3572 ☰ Enriched Cited References	0	0	0	3	0	1	3
11	Na-ion conducting biopolymer electrolyte based on tamarind seed polysaccharide incorporated with sodium perchlorate for primary sodium-ion batteries Maithilee, K; Sathya, P; (...); Meyvel, S Apr 2022 Jan 2022 (Early Access) IONICS 28 (4) , pp.1783-1790 ☰ Enriched Cited References	0	0	0	1	0	0.5	1
	Analysis of phytochemical constituents and antibacterial activity of Wrightia tinctoria: traditional medicinal plant of India for application on wound dressing materials	0	0	0	1	0	0.5	15



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