



VIMALA COLLEGE (AUTONOMOUS), THRISSUR

Criterion III

Research, Innovation and Extension



List of Publication and Citation Reports
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Assessment Period (2016 – 2021)

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Citation Report

OO=(Vimala college)

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Publication Years: 2021 or 2020 or 2019 or 2018 or 2017 or 2016

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Publications

49

Total

From 1974 to 2022

Citing Articles

213

Analyze

Total

212

Analyze

Without self-citations

Times Cited

217

Total

216

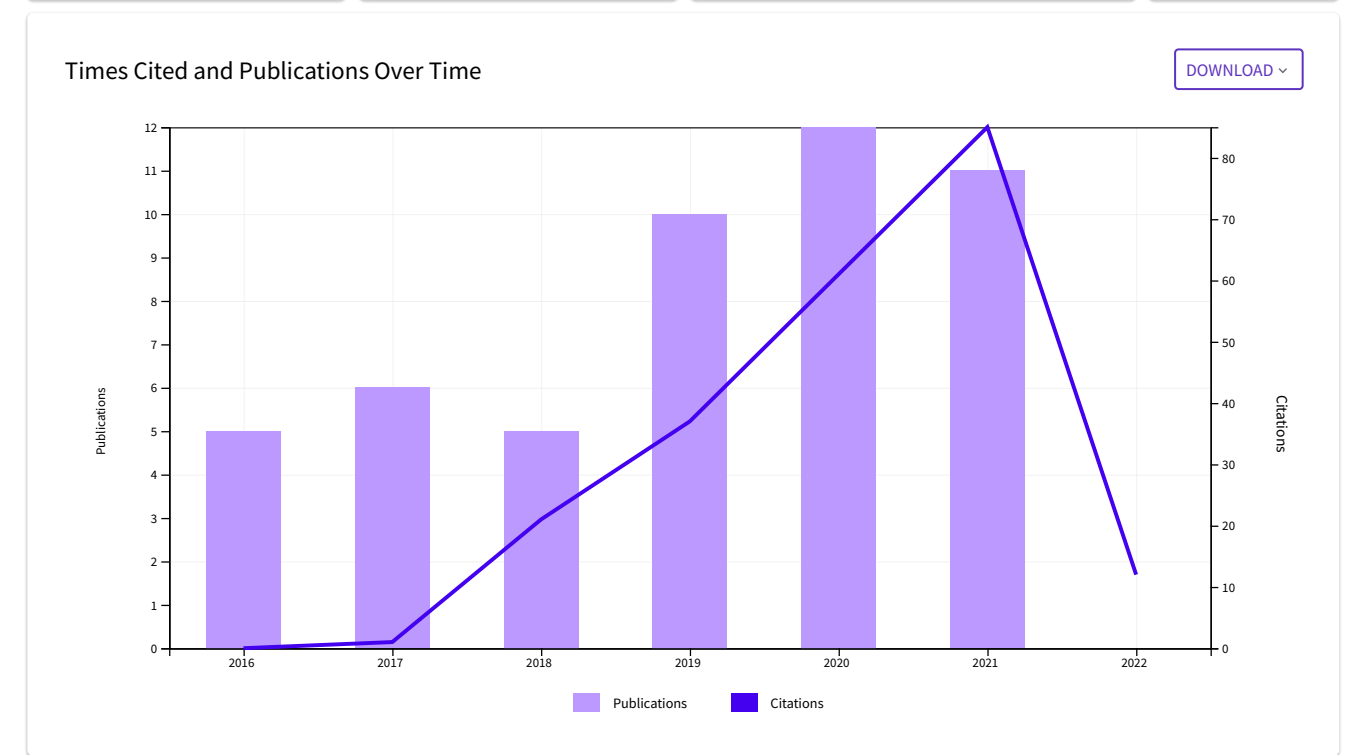
Without self-citations

4.43

Average per item

H-Index

9



49 Publications		Citations						
		Sort by: Citations: highest first						
		< 1 of 1 >						
		< Back Forward >					Average per year	Total
		2018	2019	2020	2021	2022		
Total		21	37	61	85	12	36.17	217
1	<div>Preparation of Chitosan-Polyvinyl Alcohol Blends and Studies on Thermal and Mechanical Properties</div> <div>Abraham, A; Soloman, PA and Rejini, VO</div> <div>4th International Conference on Emerging Trends in Engineering, Science and Technology (ICETEST)</div> <div>2016 INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN ENGINEERING, SCIENCE AND TECHNOLOGY (ICETEST - 2015) 24 , pp.741-748</div>	6	9	19	23	1	8.43	59

2	Virgin coconut oil reverses hepatic steatosis by restoring redox homeostasis and lipid metabolism in male Wistar rats Narayanankutty, A ; Palliyil, DM ; (...); Raghavamenon, AC Mar 30 2018 JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE 98 (5) , pp.1757-1764	3	5	10	5	0	4.6	23
3	Structural, optical and magnetic properties of nanophase NiWO ₄ for potential applications Harshan, H ; Priyanka, KP ; (...); Varghese, T Nov 19 2018 EUROPEAN PHYSICAL JOURNAL B 91 (11)	0	3	7	8	0	3.6	18
4	Emerging C-H functionalization strategies for constructing fused polycyclic aromatic hydrocarbons and nanographenes Mathew, BP and Kuram, MR May 1 2019 INORGANICA CHIMICA ACTA 490 , pp.112-129	0	2	1	8	0	2.75	11
5	Selective recognition of creatinine - Development of a colorimetric sensor Sivasankaran, U ; Jos, TC and Kumar, KG Mar 1 2018 ANALYTICAL BIOCHEMISTRY 544 , pp.1-6	0	3	5	2	0	2	10
6	Zinc gallate and its starting materials in solid state reaction route- A comparative study Safeera, TA ; Johns, N ; (...); Anila, EI Sep 15 2016 MATERIALS CHEMISTRY AND PHYSICS 181 , pp.21-25	5	2	1	0	2	1.43	10
7	Preparation of Chitosan- CMC Blends and Studies on Thermal Properties Thomas, S ; Soloman, PA and Rejini, VO 4th International Conference on Emerging Trends in Engineering, Science and Technology (ICETEST) 2016 INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN ENGINEERING, SCIENCE AND TECHNOLOGY (ICETEST - 2015) 24 , pp.721-726	2	5	0	3	0	1.43	10
8	Role of CNT/clay hybrid on the mechanical, electrical and transport properties of NBR/NR blends Thomas, S ; Abraham, J ; (...); Thomas, S Jan 2020 POLYMER BULLETIN 77 (1) , pp.1-16	0	2	2	5	0	3	9
9	Enhanced structural and optical properties of the polyaniline-calcium tungstate (PANI-CaWO ₄) nanocomposite for electronics applications Sabu, NA ; Francis, X ; (...); Varghese, T Jun 29 2017 EUROPEAN PHYSICAL JOURNAL PLUS 132 (6)	2	1	3	2	1	1.5	9
10	Hydrophobic, superabsorbing materials from reduced graphene oxide/MoS ₂ polyurethane foam as a promising sorbent for oil and organic solvents Joy, J ; Abraham, J ; (...); George, SC Jul 2020 POLYMER TESTING 87	0	0	2	5	1	2.67	8
11	A comprehensive study on the impact of RGO/MWCNT hybrid filler reinforced polychloroprene rubber multifunctional nanocomposites Maya, MG ; Abraham, J ; (...); Thomas, S Jul 2020 POLYMER TESTING 87	0	0	1	4	1	2	6
12	Non-polar lipid carbonyls of thermally oxidized coconut oil induce hepatotoxicity mediated by redox imbalance Narayanankutty, A ; Anil, A ; (...); Raghavamenon, AC Nov 2018 PROSTAGLANDINS LEUKOTRIENES AND ESSENTIAL FATTY ACIDS 138 , pp.45-51	0	2	2	2	0	1.2	6
13	Interaction of carbon nanotubes with plant system: a review Mathew, S ; Tiwari, DK and Tripathi, D Apr 2021 Oct 2020 (Early Access) CARBON LETTERS 31 (2) , pp.167-176	0	0	0	4	0	1.33	4
14	High reliability thermistor probes for early detection of breast cancer using skin contact thermometry with thermal imaging Arathy, K ; Ansari, S and Malini, KA May 2020 MATERIALS EXPRESS 10 (5) , pp.620-628	0	0	1	2	1	1.33	4
15	Marshall-Olkin Length-Biased Maxwell Distribution and Its Applications Mathew, J and Chesneau, C Dec 2020 MATHEMATICAL AND COMPUTATIONAL APPLICATIONS 25 (4)	0	0	0	3	0	1	3
		0	0	0	2	1	1	



16	Biosynthesis of silver nanoparticle using flowers of <i>Calotropis gigantea</i> (L.) WT Aiton and activity against pathogenic bacteria Mathew, S; Victorio, CP; (...); Thanzeela, BHB Dec 2020 ARABIAN JOURNAL OF CHEMISTRY 13 (12) , pp.9139-9144							
17	Transport and solvent sensing characteristics of styrene butadiene rubber nanocomposites containing imidazolium ionic liquid modified carbon nanotubes Abraham, J; Sisanth, KS; (...); Thomas, S Dec 10 2020 Jun 2020 (Early Access) JOURNAL OF APPLIED POLYMER SCIENCE 137 (46)	0	0	1	1	1	1	3
18	On Some Properties of Mathai-Haubold Entropy of Record Values Paul, J and Thomas, PY Jun 2019 JOURNAL OF THE INDIAN SOCIETY FOR PROBABILITY AND STATISTICS 20 (1) , pp.31-49	0	0	0	3	0	0.75	3
19	Impatiens brittoi (Balsaminaceae) sp nov from the southern Western Ghats, India Mani, B and Thomas, S Aug 2017 NORDIC JOURNAL OF BOTANY 35 (4) , pp.440-444	0	0	3	0	0	0.5	3
20	Synthesis, Characterization and Photocatalytic Activity of NiWO₄ Nanoparticles Hiitha, H; Jose, A and Varghese, T 3rd International Conference on Optoelectronic and Nano Materials for Advanced Technology (IcONMAT) 2019 3RD INTERNATIONAL CONFERENCE ON OPTOELECTRONIC AND NANO MATERIALS FOR ADVANCED TECHNOLOGY (ICONMAT 2019) 2082	0	1	1	0	0	0.5	2
21	MACHINE LEARNING AND STATISTICAL APPROACHES USED IN ESTIMATING PARAMETERS THAT AFFECT THE SOIL FERTILITY STATUS: A SURVEY Rose, S; Nickolas, S and Sangeetha, S 2nd IEEE International Conference on Green Computing and Internet of Things (ICGCIoT) 2018 PROCEEDINGS OF THE SECOND INTERNATIONAL CONFERENCE ON GREEN COMPUTING AND INTERNET OF THINGS (ICGCIoT 2018) , pp.381-385	0	1	0	1	0	0.4	2
22	Chemical Composition, Antibacterial and Antioxidant Properties of Essential Oil from the Rhizomes of <i>Hedychium forrestii</i> var. <i>palaniense</i> Sanoj and M. Sabu Thomas, S and Mani, B Jul-aug 2016 INDIAN JOURNAL OF PHARMACEUTICAL SCIENCES 78 (4) , pp.452-457	1	0	1	0	0	0.29	2
23	On the enhanced coercive field and anisotropy observed in cobalt substituted copper ferrite nanoparticles prepared by a modified sol-gel method Bhaskaran, S; Al-Omari, JA and Gopalana, EV Dec 5 2021 JOURNAL OF ALLOYS AND COMPOUNDS 884	0	0	0	0	1	0.5	1
24	Synthesis and characterization of natural rubber/graphene quantum dot nanocomposites Edayadivil, JJ; Abraham, J; (...); George, SC Sep 2021 JOURNAL OF POLYMER RESEARCH 28 (9)	0	0	0	0	1	0.5	1
	 Enriched Cited References							
25	Biomass-Derived Activated Carbon for High-Performance Supercapacitor Electrode Applications Merin, P; Joy, PJ; (...); Seema, A May 2021 Feb 2021 (Early Access) CHEMICAL ENGINEERING & TECHNOLOGY 44 (5) , pp.844-851	0	0	0	0	1	0.5	1
	 Enriched Cited References							
26	Syntheses, Biological and Material Significance of Dihydro[1,3]oxazine Derivatives: An Overview Lathwal, A; Mathew, BP and Nath, M 2021 CURRENT ORGANIC CHEMISTRY 25 (1) , pp.133-174	0	0	0	1	0	0.5	1
27	Exploring the filler-polymer interaction and solvent transport behavior of nanocomposites derived from reduced graphene oxide and polychloroprene rubber	0	0	1	0	0	0.25	1

21	Maya, MG; Abrahann, J; (...); Thomas, S Nov 20 2019 JOURNAL OF APPLIED POLYMER SCIENCE 136 (44) Enriched Cited References							
28	Effect of Annealing Temperature on the Structure of a Ternary Aluminate Phosphor Synthesized Via Co-precipitation Vinita, N; Baby, J and Krishna, KM 3rd International Conference on Optoelectronic and Nano Materials for Advanced Technology (IcONMAT) 2019 3RD INTERNATIONAL CONFERENCE ON OPTOELECTRONIC AND NANO MATERIALS FOR ADVANCED TECHNOLOGY (ICONMAT 2019) 2082	0	0	0	1	0	0.25	1
29	ANTITUMOUR AND ANTIOXIDANT ACTIVITY OF WRIGHTIA TINCTORIA (ROXB.) R. BR. LEAF OIL Jeszy, EJ and Jose, B Nov 2017 INTERNATIONAL JOURNAL OF PHARMACEUTICAL SCIENCES AND RESEARCH 8 (11) , pp.4899-4903	1	0	0	0	0	0.17	1
30	Composition, antibacterial and anti-oxidant potentials of the essential oil of Hedychium matthewii Thomas, S and Mani, B 2017 BANGLADESH JOURNAL OF PHARMACOLOGY 12 (2) , pp.173-179	0	1	0	0	0	0.17	1
31	Chromatic Number of Resultant of Fuzzy Graphs Kishore, A and Sunitha, MS Jun 2016 FUZZY INFORMATION AND ENGINEERING 8 (2) , pp.229-235	1	0	0	0	0	0.14	1
32	Tailoring the properties of Ni-Mn based NTC thermistors by Cu and Li addition Haripriya, VK; Sharon, VS and Malini, KA Dec 2021 PHYSICA SCRIPTA 96 (12) Enriched Cited References	0	0	0	0	0	0	0
33	SEIDEL SPECTRUM OF THE ZERO-DIVISOR GRAPH ON THE RING OF INTEGERS MODULO n Magi, PM; Jose, SM and Kishore, A Sep 2021 ADVANCES AND APPLICATIONS IN DISCRETE MATHEMATICS 28 (1) , pp.145-167	0	0	0	0	0	0	0
34	Human hair reinforced natural rubber composite: effect of hair loading on mechanical, structural, morphological and thermal behaviour Babu, RJ; Mathew, S; (...); George, SC Sep 2021 May 2021 (Early Access) JOURNAL OF RUBBER RESEARCH 24 (3) , pp.347-354 Enriched Cited References	0	0	0	0	0	0	0
35	A recursive ensemble-based feature selection for multi-output models to discover patterns among the soil nutrients Rose, S; Nickolas, S and Sangeetha, S Jan 15 2021 CHEMOMETRICS AND INTELLIGENT LABORATORY SYSTEMS 208	0	0	0	0	0	0	0
36	Sighting of cetaceans off Kochi: A spatial and temporal analysis Joseph, R; Meera, KM and Edwin, L 2021 INDIAN JOURNAL OF FISHERIES 68 (4) , pp.30-39	0	0	0	0	0	0	0
37	Nutrient content of fresh and nutrient retention in cooked Solanum nigrum Linn. leaves and green berries Sabu, S and Kalpana, CA Jan 2021 JOURNAL OF ADVANCED APPLIED SCIENTIFIC RESEARCH 3 (4) , pp.42-49	0	0	0	0	0	0	0
38	Study on the Nutrient analysis of Flaxseeds and its effect on Glycaemic Response Vijayan, PU Jan 2021 JOURNAL OF ADVANCED APPLIED SCIENTIFIC RESEARCH 3 (4) , pp.50-54	0	0	0	0	0	0	0
39	Some New Contributions on the Marshall-Olkin Length Biased Lomax Distribution: Theory, Modelling and Data Analysis Mathew, J and Chesneau, C Dec 2020 MATHEMATICAL AND COMPUTATIONAL APPLICATIONS 25 (4) Enriched Cited References	0	0	0	0	0	0	0

40	<p>Restructuring paradigm in the wake of COVID-19: A study of Kerala model</p> <p>Bhaskaran, J and George, R May 19 2021 Oct 2020 (Early Access) JOURNAL OF HUMAN BEHAVIOR IN THE SOCIAL ENVIRONMENT 31 (1-4) , pp.235-243</p> <p> Enriched Cited References</p>	0	0	0	0	0	0	0
41	<p>Antifungal Properties of Rhizomes of Alpinia calcarata Roscoe from Western Ghats, South India</p> <p>Mathew, S and Victorio, CP Oct 2020 INTERNATIONAL JOURNAL OF PHARMACEUTICAL AND PHYTOPHARMACOLOGICAL RESEARCH 10 (5) , pp.1-7</p>	0	0	0	0	0	0	0
42	<p>Psychological Wellbeing of Adolescents in Disadvantaged Communities: The need for Strength-Based Approaches</p> <p>Pulickal, T Jan 1 2020 JOURNAL OF SOCIAL WORK EDUCATION AND PRACTICE 5 (1) , pp.1-11</p>	0	0	0	0	0	0	0
43	<p>Insurance Sector Dynamics and Economic Growth of India</p> <p>Shima, KM and Vimala, M Oct-dec 2019 INDIAN JOURNAL OF ECONOMICS AND DEVELOPMENT 15 (4) , pp.604-608</p>	0	0	0	0	0	0	0
44	<p>Polybutadiene rubber/exfoliated graphite nanocomposites: Impact of filler on the thermal, mechanical and permeability characteristics</p> <p>George, SC; Abraham, J; (...); Sasikumar, S Aug 2019 PROGRESS IN RUBBER PLASTICS AND RECYCLING TECHNOLOGY 35 (3) , pp.138-148</p>	0	0	0	0	0	0	0
45	<p>THE METAPHYSICAL ETHICS OF HUMAN GENOME PROJECT AND ITS IMPACT ON RELIGION, SOCIETY AND CULTURE</p> <p>Jose, B Feb 2019 EUROPEAN JOURNAL OF SCIENCE AND THEOLOGY 15 (1) , pp.69-79</p>	0	0	0	0	0	0	0
46	<p>On the Structural and Dielectric properties of sol-gel synthesized Copper doped Lanthanum Sodium Manganite (LNCMO) nanoparticles</p> <p>Bhaskaran, S; Manjaly, HRJ and Gopalan, EV 3rd International Conference on Optoelectronic and Nano Materials for Advanced Technology (IcONMAT) 2019 3RD INTERNATIONAL CONFERENCE ON OPTOELECTRONIC AND NANO MATERIALS FOR ADVANCED TECHNOLOGY (ICONMAT 2019) 2082</p>	0	0	0	0	0	0	0
47	<p>Synthesis and Characterization of Iron Cerium Tungstate Nanoparticles and their Dielectric Studies</p> <p>Jose, A; George, A; (...); Varghese, T 3rd International Conference on Optoelectronic and Nano Materials for Advanced Technology (IcONMAT) 2019 3RD INTERNATIONAL CONFERENCE ON OPTOELECTRONIC AND NANO MATERIALS FOR ADVANCED TECHNOLOGY (ICONMAT 2019) 2082</p>	0	0	0	0	0	0	0
48	<p>A new subspecies of Celastrus (Celastraceae) from the Palni hills of South India</p> <p>Britto, SJ; Manj, B; (...); Prabhu, S Sep 2017 TAIWANIA 62 (3) , pp.311-314</p>	0	0	0	0	0	0	0
49	<p>Critical injective chromatic graphs</p> <p>Kishore, A and Sunitha, MS 2017 INTERNATIONAL JOURNAL OF COMPUTING SCIENCE AND MATHEMATICS 8 (5) , pp.457-464</p>	0	0	0	0	0	0	0

Citation Report Publications Table