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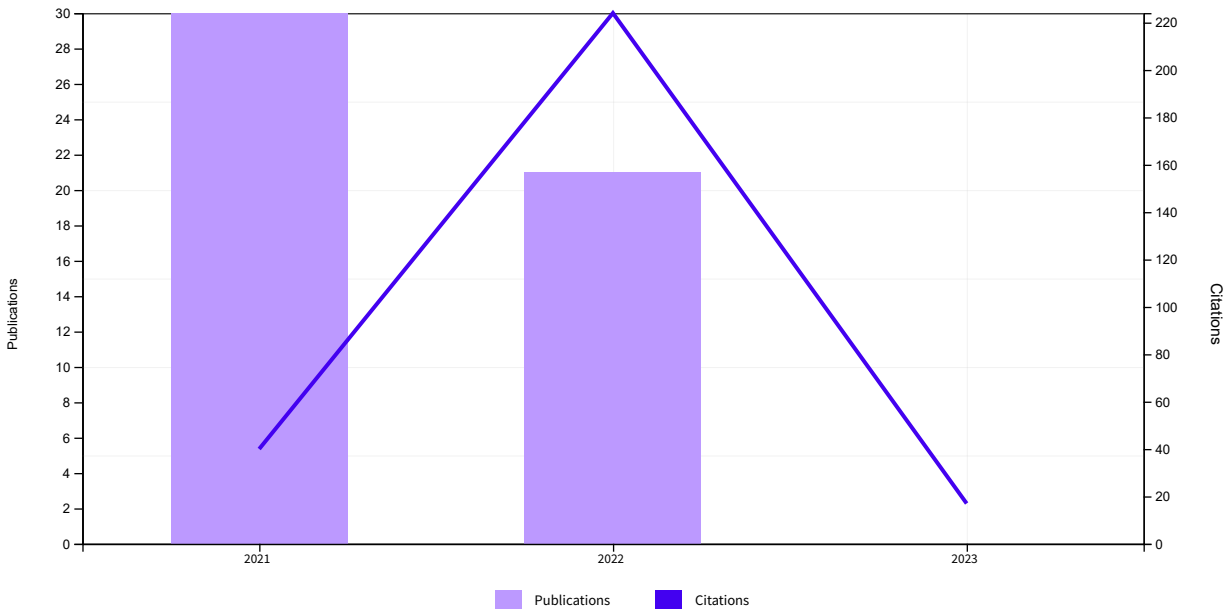

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Total	0	0	40	224	17	93.67	281
Dynamics of ternary-hybrid nanofluid subject to magnetic flux density and heat source or sink on a convectively heated surface	0	0	0	52	5	28.5	57

1	Animasaun, IL; Yook, SJ; (...); Mathew, A Feb 2022 | SURFACES AND INTERFACES 28 Enriched Cited References							
2	Significance of nanoparticles' shape and thermo-hydrodynamic slip constraints on MHD alumina-water nanoliquid flows over a rotating heated disk: The passive control approach Sabu, AS; Wakif, A; (...); Shah, NA Dec 2021 | Oct 2021 (Early Access) | INTERNATIONAL COMMUNICATIONS IN HEAT AND MASS TRANSFER 129 Enriched Cited References	0	0	0	41	3	14.67	44
3	Statistical analysis of MHD convective ferro-nanofluid flow through an inclined channel with hall current, heat source and soret effect Sabu, AS; Mathew, A; (...); George, KA May 1 2021 | THERMAL SCIENCE AND ENGINEERING PROGRESS 22	0	0	15	8	2	8.33	25
4	Significance of multiple slip and nanoparticle shape on stagnation point flow of silver-blood nanofluid in the presence of induced magnetic field Mathew, A; Areekara, S; (...); Saleem, S Aug 2021 | Jun 2021 (Early Access) | SURFACES AND INTERFACES 25 Enriched Cited References	0	0	6	13	0	6.33	19
5	Plant mediated synthesis of zero valent iron nanoparticles and its application in water treatment Puthukkara, PAR; Jose, TS and Lal, SD Feb 2021 | Jan 2021 (Early Access) | JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING 9 (1) Enriched Cited References	0	0	6	8	2	5.33	16
6	Reiner-Rivlin nanomaterial heat transfer over a rotating disk with distinct heat source and multiple slip effects Sabu, AS; Mackolil, J; (...); Mathew, A Oct 2021 | APPLIED MATHEMATICS AND MECHANICS-ENGLISH EDITION 42 (10) , pp.1495-1510 Enriched Cited References	0	0	1	13	0	4.67	14
7	Multiple linear regression on bioconvective MHD hybrid nanofluid flow past an exponential stretching sheet with radiation and dissipation effects Neethu, TS; Sabu, AS; (...); Areekara, S Jun 2022 | May 2022 (Early Access) | INTERNATIONAL COMMUNICATIONS IN HEAT AND MASS TRANSFER 135 Enriched Cited References	0	0	0	9	1	5	10
		0	0	0	10	0	3.33	10

8	Nanoparticle aggregation kinematics on the quadratic convective magnetohydrodynamic flow of nanomaterial past an inclined flat plate with sensitivity analysis Sabu, AS; Mackolil, J; (...); Mathew, A Jun 2022 | Dec 2021 (Early Access) | PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART E- JOURNAL OF PROCESS MECHANICAL ENGINEERING 236 (3) , pp.1056-1066							
9	Dynamics of water conveying single-wall carbon nanotubes and magnetite nanoparticles subject to induced magnetic field: A bioconvective model for theranostic applications Areekara, S; Mabood, F; (...); Badruddin, IA Jul 2021 | Jul 2021 (Early Access) | INTERNATIONAL COMMUNICATIONS IN HEAT AND MASS TRANSFER 126 Enriched Cited References	0	0	1	8	0	3	9
10	Green synthesis of silver nanoparticles using Annona squamosa L. seed extract: characterization, photocatalytic and biological activity assay Jose, V; Raphel, L; (...); Mathew, P Sep 2021 | Apr 2021 (Early Access) | BIOPROCESS AND BIOSYSTEMS ENGINEERING 44 (9) , pp.1819-1829 Enriched Cited References	0	0	1	7	1	3	9
11	A study on nanoliquid flow with irregular heat source and realistic boundary conditions: A modified Buongiorno model for biomedical applications Areekara, S; Mackolil, J; (...); Rana, P Mar 2022 | Nov 2021 (Early Access) | ZAMM-ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND MECHANIK 102 (3) Enriched Cited References	0	0	0	8	0	2.67	8
12	Photo-Mediated Facile Synthesis of Silver Nanoparticles Using Curcuma zanthorrhiza Rhizome Extract and Their In Vitro Antimicrobial and Anticancer Activity Aiswariya, KS and Jose, V Jul 2021 | Mar 2021 (Early Access) | JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS 31 (7) , pp.3111-3124 Enriched Cited References	0	0	4	3	0	2.33	7
13	The numerical simulation of nanoparticle size and thermal radiation with the magnetic field effect based on tangent hyperbolic nanofluid flow Kumar, P; Poonia, H; (...); Areekara, S Sep 2022 | Jul 2022 (Early Access) | CASE STUDIES IN THERMAL ENGINEERING 37	0	0	0	6	0	3	6
		0	0	0	6	0	2	6

14	Accelerated photodegradation of polystyrene by TiO2-polyaniline photocatalyst under UV radiation Lal, SD; Jose, TS; (...); Arun, KJ Jun 15 2021 | May 2021 (Early Access) | EUROPEAN POLYMER JOURNAL 153 Enriched Cited References							
15	Sensitivity analysis on radiative heat transfer of hydromagnetic Carreau nanoliquid flow over an elongating cylinder using Bulirsch-Stoer algorithm Mathew, A; Areekara, S and Sabu, AS Oct 1 2021 | Aug 2021 (Early Access) | THERMAL SCIENCE AND ENGINEERING PROGRESS 25 Enriched Cited References	0	0	0	3	1	1.33	4
16	Triple stratification effects on bioconvective stagnation point flow pertaining carbon nanotubes due to induced magnetic field Areekara, S; Sabu, AS; (...); Mathew, A Nov 2021 | Jun 2021 (Early Access) | ZAMM-ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND MECHANIK 101 (11) Enriched Cited References	0	0	0	4	0	1.33	4
17	Bioactive Molecules Coated Silver Oxide Nanoparticle Synthesis from Curcuma zanthorrhiza and HR-LCMS Monitored Validation of Its Photocatalytic Potency Towards Malachite Green Degradation Aiswariya, KS and Jose, V Jul 2022 | May 2021 (Early Access) | JOURNAL OF CLUSTER SCIENCE 33 (4) , pp.1685-1696 Enriched Cited References	0	0	0	4	0	1.33	4
18	Shock Propagation Following an Intense Explosion: Comparison Between Hydrodynamics and Simulations Joy, JP; Pathak, SN and Rajesh, R Feb 5 2021 | JOURNAL OF STATISTICAL PHYSICS 182 (2) Enriched Cited References	0	0	3	1	0	1.33	4
19	Accelerated Photodegradation of Solid Phase Polystyrene by Nano TiO2 -Graphene Oxide Composite under Ultraviolet radiation Lal, SD; Jose, TS; (...); Arun, KJ Feb 2021 | Jan 2021 (Early Access) | POLYMER DEGRADATION AND STABILITY 184	0	0	1	3	0	1.33	4
20	Bioconvective electromagnetohydrodynamic hybrid nanoliquid flow over a stretching sheet with stratification effects: a four-factor response surface optimized model Neethu, TS; Areekara, S; (...); Anakha, KK Apr 2022 (Early Access) | WAVES IN RANDOM AND COMPLEX MEDIA	0	0	0	3	0	1.5	3

	Enriched Cited References							
21	Active Solvent Hydrogen-Enhanced p-Nitrophenol Reduction Using Heterogeneous Silver Nanocatalysts@Surface-Functionalized Multiwalled Carbon Nanotubes Swathy, TS; Antony, MJ and George, N May 19 2021 | May 2021 (Early Access) | INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH 60 (19) , pp.7050-7064	0	0	0	2	1	1	3
22	Microwave assisted synthesis of functionalized 2H-chromene-2-thiones and 1,2-dithiole-3-thiones from beta-oxodithioesters: Characterization, in vitro cytotoxicity and in silico docking studies Bhaskaran, ST and Mathew, P Mar 5 2022 | Dec 2021 (Early Access) | JOURNAL OF MOLECULAR STRUCTURE 1251	0	0	0	2	0	0.67	2
23	Dynamic mechanical analysis of nylon 6 fiber-reinforced acrylonitrile butadiene rubber composites Rajesh, C; Divia, P; (...); Purushothaman, E Nov 2021 | Nov 2021 (Early Access) | POLYMERS & POLYMER COMPOSITES 29 (9_SUPPL) , pp.S1328-S1339	0	0	0	2	0	0.67	2
24	Shock Propagation in the Hard Sphere Gas in Two Dimensions: Comparison Between Simulations and Hydrodynamics Joy, JP and Rajesh, R Jul 2021 | JOURNAL OF STATISTICAL PHYSICS 184 (1) Enriched Cited References	0	0	1	1	0	0.67	2
25	Unveiling tree diversity and carbon density of homegarden in the Thodupuzha urban region of Kerala, India: a contribution towards urban sustainability Padmakumar, B; Sreekanth, NP; (...); Thomas, AP Dec 2021 | May 2021 (Early Access) | TROPICAL ECOLOGY 62 (4) , pp.508-524	0	0	0	2	0	0.67	2
26	Comparative studies of silane coupled e-glass fiber and e-glass fiber reinforced bismaleimide-epoxy hydroxylated BaTiO3 nanocomposites on the dielectric and mechanical properties Unnikrishnan, KS; Jose, TS and Lal, SD Jul 2021 | Apr 2021 (Early Access) | POLYMER COMPOSITES 42 (7) , pp.3272-3280 Enriched Cited References	0	0	1	1	0	0.67	2
27	Significance of magnetic field and stratification effects on the bioconvective stagnation-point flow of ferro-nanofluid over a rotating stretchable disk: Four-factor response surface methodology Mathew, A; Areekara, S and Sabu, AS Aug 2022 | Jul 2022 (Early Access) | JOURNAL OF THE INDIAN CHEMICAL SOCIETY 99 (8)	0	0	0	0	1	0.5	1

28	Tinospora cordifolia extract as an environmentally benign green corrosion inhibitor in acid media: electrochemical, surface morphological, quantum chemical, and statistical investigations Thomas, KV; Thomas, KJ; (...); Johnson, R Sep 2021 | Aug 2021 (Early Access) | MATERIALS TODAY SUSTAINABILITY 13	0	0	0	1	0	0.33	1
29	Solid-State Fluorescent Selenium Quantum Dots by a Solvothermal-Assisted Sol-Gel Route for Curcumin Sensing Anupama, K; Paul, T and Mary, KAA Aug 24 2021 | Aug 2021 (Early Access) | ACS OMEGA 6 (33) , pp.21525-21533 Enriched Cited References	0	0	0	1	0	0.33	1
30	On Birnbaum type joint importance measures for multistate reliability systems Chacko, VM Jul 2021 (Early Access) | COMMUNICATIONS IN STATISTICS-THEORY AND METHODS Enriched Cited References	0	0	0	1	0	0.33	1
31	Entropy Optimization, Maxwell-Boltzmann, and Rayleigh Distributions Sebastian, N; Mathai, AM and Haubold, HJ Jun 2021 | ENTROPY 23 (6) Enriched Cited References	0	0	0	1	0	0.33	1
32	Influence of sodium doping on the material properties and photocatalytic activity of anatase titanium dioxide nanotubes prepared by anodization Rahman, H; Norbert, A; (...); Philip, RR Dec 2022 | Nov 2022 (Early Access) | OPTICAL MATERIALS 134	0	0	0	0	0	0	0
33	Green synthesis of iron nanoparticles for malachite green removal Puthukkara, PAR; Jose, TS and Lal, SD Dec 2022 | Nov 2022 (Early Access) | MATERIALS TODAY COMMUNICATIONS 33	0	0	0	0	0	0	0
34	Eumasia thomasii sp. nov. a new species of the subfamily Eumasiinae (Lepidoptera: Psychidae) from India Unnikrishnan, UA; Sobczyk, T; (...); Jose, J Oct 28 2022 | ZOOTAXA 5200 (3) , pp.232-246	0	0	0	0	0	0	0
35	Surfactant incorporated polyaniline/Co3O4/rGO ternary hybrid composite symmetric supercapacitors for efficient energy storage applications Athira, AR; Merin, T; (...); Xavier, TS	0	0	0	0	0	0	0

	Dec 2022 | Oct 2022 (Early Access) | DIAMOND AND RELATED MATERIALS 130							
36	Influence of defect chemistry on NO2 gas sensing of Li-ZnO thin films Jasmi, KK; Johny, TA; (...); Madhusoodanan, KN Oct 18 2022 | BULLETIN OF MATERIALS SCIENCE 45 (4)	0	0	0	0	0	0	0
37	Self-assembly of Hybrid Solids {Hpz}(2)[H7CrMo6O24]center dot 6H(2)O and [Co(2-Hampz)(2)Cl-4] (pz = pyrazole, 2-ampz=2-aminopyrazine) from Aqueous Solution Kuriakose, MC; Joseph, J; (...); Thomas, J Oct 2022 (Early Access) | JOURNAL OF CHEMICAL CRYSTALLOGRAPHY Enriched Cited References	0	0	0	0	0	0	0
38	Transport phenomena in hydromagnetic convective Carreau nanoliquid flow over an elongating cylinder: A statistical approach Neethu, TS; Areekara, S; (...); Kumar, R Dec 2022 | Sep 2022 (Early Access) | ZAMM-ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND MECHANIK 102 (12) Enriched Cited References	0	0	0	0	0	0	0
39	Numerical study of Reiner-Rivlin nanoliquid flow due to a rotating disk with Joule heating and non-uniform heat source using Bulirsch-Stoer algorithm Sabu, AS; Mackolil, J; (...); Mathew, A Aug 2022 (Early Access) | WAVES IN RANDOM AND COMPLEX MEDIA Enriched Cited References	0	0	0	0	0	0	0
40	Threat assessment of Manatha albipes Moore (Lepidoptera: Psychidae) from Kerala, India using GIS with comments on its taxonomy, biology, distribution and host plants Usha, AU; Sobczyk, T; (...); Jose, J Aug 2022 | Aug 2022 (Early Access) | INTERNATIONAL JOURNAL OF TROPICAL INSECT SCIENCE 42 (4) , pp.3133-3141 Enriched Cited References	0	0	0	0	0	0	0
41	Bulirsch-Stoer computations for bioconvective magnetized nanomaterial flow subjected to convective thermal heating and Stefan blowing: a revised Buongiorno model for theranostic applications Areekara, S; Mackolil, J; (...); Mathew, A Jul 2022 (Early Access) | WAVES IN RANDOM AND COMPLEX MEDIA Enriched Cited References	0	0	0	0	0	0	0
42	Neotype designation, redescription, biology and distribution of Acanthopsyche alstoni Watt & Mann, 1903 (Lepidoptera: Psychidae) from India	0	0	0	0	0	0	0

	Usha, AU; Sobczyk, T; (...); Jose, J Jun 28 2022 | ZOOTAXA 5159 (1) , pp.136-144						
43	Regression analysis on MHD Darcy-Forchheimer hybrid nanoliquid flow over an elongated permeable sheet in a porous medium with hydrodynamic slip constraint: a realistic two-phase modified Buongiorno model Sabu, AS; Areekara, S and Mathew, A Jun 2022 (Early Access) | WAVES IN RANDOM AND COMPLEX MEDIA Enriched Cited References	0	0	0	0	0	0	0
44	Development and validation of a GC-MS method for analysis of Dithiocarbamate Fungicide residues in the Spices Cardamom (Elettaria cardamomom) and black pepper (Piper nigrum) Natarajan, RB; Kakkasery, JT; (...); Thankan, B Oct 2022 | May 2022 (Early Access) | JOURNAL OF FOOD SCIENCE AND TECHNOLOGY-MYSORE 59 (10) , pp.4097-4107 Enriched Cited References	0	0	0	0	0	0	0
45	A new neutrosophic model using DUS-Weibull transformation with application Nayana, BM; Anakha, KK; (...); Albassam, M Oct 2022 | Mar 2022 (Early Access) | COMPLEX & INTELLIGENT SYSTEMS 8 (5) , pp.4079-4088	0	0	0	0	0	0	0
46	On distributions of covariance structures Mathai, AM and Sebastian, N Feb 2022 (Early Access) | COMMUNICATIONS IN STATISTICS-THEORY AND METHODS Enriched Cited References	0	0	0	0	0	0	0
47	Wing shape differences along a migration route of the long-distance migrant Globe Skimmer Dragonfly Pantala flavescens Johansson, F; Hedstrom, TK; (...); Kakkassery, FK Jan 2022 | JOURNAL OF TROPICAL ECOLOGY 38 (1) , pp.17-24	0	0	0	0	0	0	0
48	Microscale Redox Titrations Using Poly-N-phenyl Anthranilic Acid Fluorescent Turn-Off Indicator for Undergraduate Analytical Chemistry Lab Das, KR and Antony, MJ Feb 8 2022 | Dec 2021 (Early Access) | JOURNAL OF CHEMICAL EDUCATION 99 (2) , pp.892-901 Enriched Cited References	0	0	0	0	0	0	0
49	Anomalous spin relaxation in graphene nanostructures on the high temperature annealed surface of hydrogenated diamond nanoparticles Joly, VLJ; Takai, K; (...); Enoki, T	0	0	0	0	0	0	0

Sep 21 2021 | Aug 2021 (Early Access) |

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