



**INSTITUTE OF SCIENCE, NAGPUR**  
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## Scientometrics Information 2021-2023

### Scopus:

Year	Articles	Citations	CPP	Citable Years	H-Index
2021	25	09	0.36	3	h-index = 5
2022	15	38	2.53	2	
2023	11	28	2.54	1	

Government Institute of Science, Nagpur GISCN		This is a citation overview for a set of 51 documents.				
		h-index = 5 (of the 51 documents considered for the h-index, 5 have been cited at least 5 times.)				
						2021
Sr. No.	Publication Year	Document Title	Authors	ISSN	Journal Title	
1.	2021	Study of Different Natural Dyes for Dye-Sensitized Solar Cell	Nagde K.R.	10221360	Macromolecular Symposia	0
2.	2021	Synthesis and Luminescence Study of n-UV Excitable Tm <sup>3+</sup> -Activated Blue Phosphor	Taikar D.R., Taikar R.N., Nagde K.R., Sarve S.R.	10221360	Macromolecular Symposia	0
3.	2021	Electrochemical Performance of Carbon Nanofibers/Cobalt Ferrite (CNF/CoFe <sub>2</sub> O <sub>4</sub> ) Composites Synthesized by Two Approaches	Atram R.R., Mangate N.V., Atram R.G., Kondawar S.B.	23816872	Journal of Electrochemical Energy Conversion and Storage	0
4.	2021	Cobalt selenide thin film: photovoltaic and impedance spectral studies by simple chemical grown technique	Gaur M.L., Bhuse V.M., Sanadi K.R., Rathod K.C., Barache U.B., Gaikwad S.H.	9574522	Journal of Materials Science: Materials in Electronics	0
5.	2021	Quantum Transport in DNA Heterostructures: Implications for Nanoelectronics	Patil S.R., Mohammad H., Chawda V., Sinha N., Singh R.K., Qi J., Anantram M.P.	25740970	ACS Applied Nano Materials	0

6.	2021	Effect of digital filtering on the analysis of surface deformations using electronic speckle pattern interferometer	Padghan P.P., Bhagat N.B., Alti K.M.	0094243X	AIP Conference Proceedings	0
7.	2021	Electronic characteristics of BRCA1 mutations in DNA	He L., Zhang J., He C., Zhao B., Xie Z., Chen W., Sonawane M.R., Patil S.R.	63525	Biopolymers	1
8.	2021	An efficient one pot I <sub>2</sub> /DMSO mediated synthesis and molecular modeling of novel fused pyrimidine-chromone hybrids bearing potential antibacterial and antifungal pharmacophores sites	Pathan N., Ali P., Rahatgaonkar A., Al-Mousa K.	0022152X	Journal of Heterocyclic Chemistry	0
9.	2021	Anti-cancer inhibition studies of naturally occurring Terpenes using in-vitro technique	Ramteke A., Ganatra S., Gour P., Jasudkar D., Tulankar A.	17426588	Journal of Physics: Conference Series	0
10.	2021	Synthesis and evaluation of N-(4-(substituted)-3-(trifluoromethyl) phenyl) isobutyramides and their N-ethyl analogous as anticancer, anti-angiogenic & antioxidant agents: In vitro and in silico analysis	Sawant A.S., Kamble S.S., Pisal P.M., Sawant S.S., Hese S.V., Bagul K.T., Pinjari R.V., Kamble V.T., Meshram R.J., Gacche R.N.	14769271	Computational Biology and Chemistry	0
11.	2021	Evolution of waste iron rust into $\alpha$ -Fe <sub>2</sub> O <sub>3</sub> /CNF and $\alpha$ -Fe <sub>2</sub> O <sub>3</sub> /PANI composites as an efficient positive electrode for sustainable hybrid supercapacitor	Atram R.R., Bhuse D.V., Bhuse V.M., Atram R.G., Kondawar S.B.	9574522	Journal of Materials Science: Materials in Electronics	0
12.	2021	Novel carbon nanofibers/thionickel ferrite/polyaniline (CNF/NiFe <sub>2</sub> S <sub>4</sub> /PANI) ternary nanocomposite for high performance supercapacitor	Atram R.R., Bhuse V.M., Atram R.G., Wu C.-M., Koinkar P., Kondawar S.B.	2540584	Materials Chemistry and Physics	3
13.	2021	Effect of cytosine hydroxymethylation on DNA charge transport	He L., Zhang J., He C., Zhao B., Chen W., Patil S.R.	3008177	Molecular and Cellular Biochemistry	0
14.	2021	Antimony induced Cd <sub>0.4</sub> Co <sub>0.6</sub> Se thin film: Study of photovoltaic performance by simple chemically grown method	Gaur M.L., Bhuse V.M., Sanadi K.R.	304026	Optik	1
15.	2021	Li-S ion batteries: A substitute for Li-ion storage batteries	Nagde K.R., Dhoble S.J.		Energy Materials: Fundamentals to Applications	0
16.	2021	Electronic Speckle Pattern Interference technique for measuring thickness of metallic nano thin films	Bhagat N.B., Padghan P.P., Kesarwani R., Khare A., Alti K.M.	22147853	Materials Today: Proceedings	0

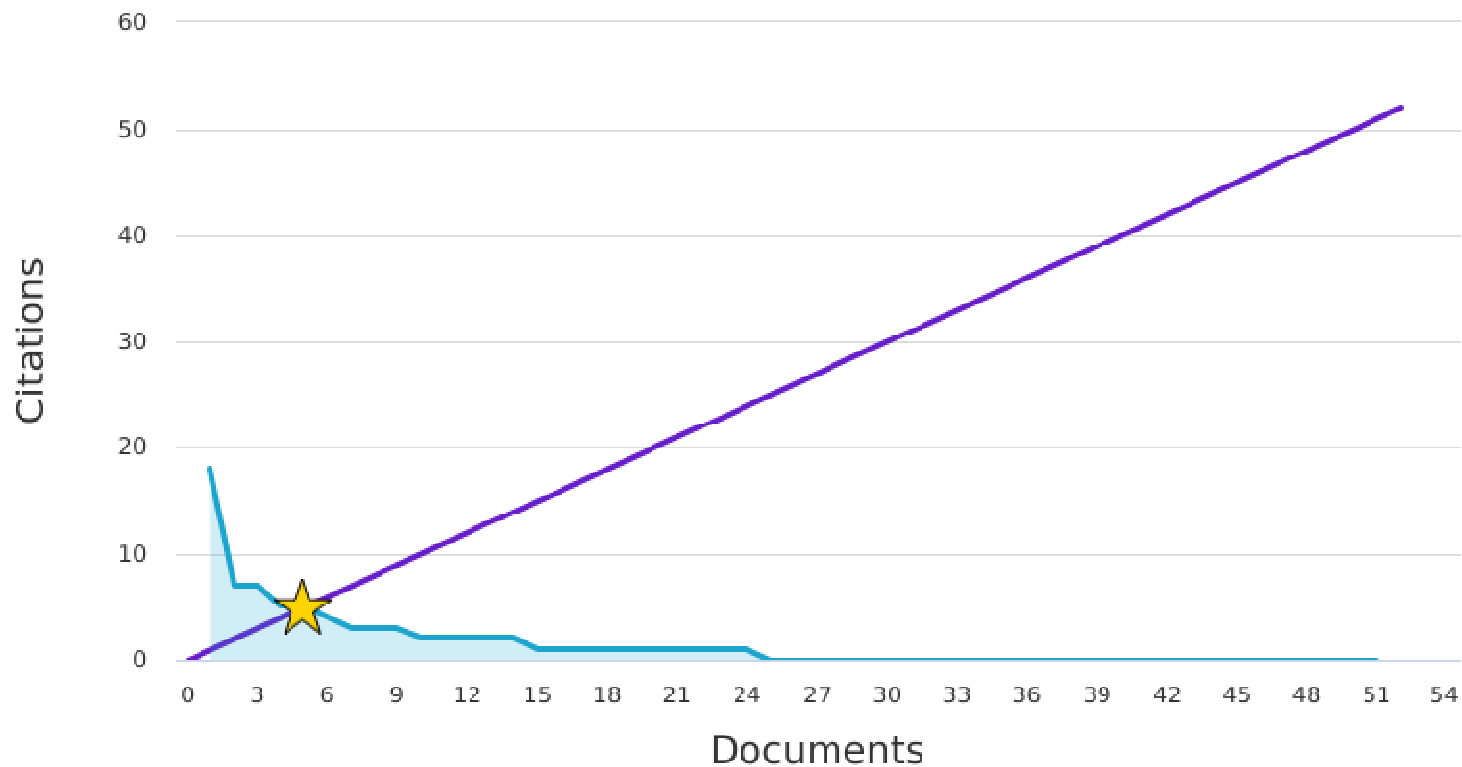
17.	2021	Silica chemisorbed bis(hydrogensulphato)benzene (SiO <sub>2</sub> -BHSB) as a new, efficient, and recyclable catalyst for the synthesis of 5-oxopyrro[3,2-c]chromene scaffolds in water-based solvent	Kamble V.T., Waghmare A.S., Murade V.D., Kadam K.R.	10426507	Phosphorus, Sulfur and Silicon and the Related Elements	<b>0</b>
18.	2021	Nanocomposite membranes for heavy metal removal	Tembhare S.P., Barai D.P., Bhanvase B.A., Salunkhe M.Y.		Handbook of Nanomaterials for Wastewater Treatment: Fundamentals and Scale up Issues	<b>2</b>

H-index Graph: h-index=5

## These documents h-index5

Scopus

Of the documents considered for the h-index, have been cited at least times



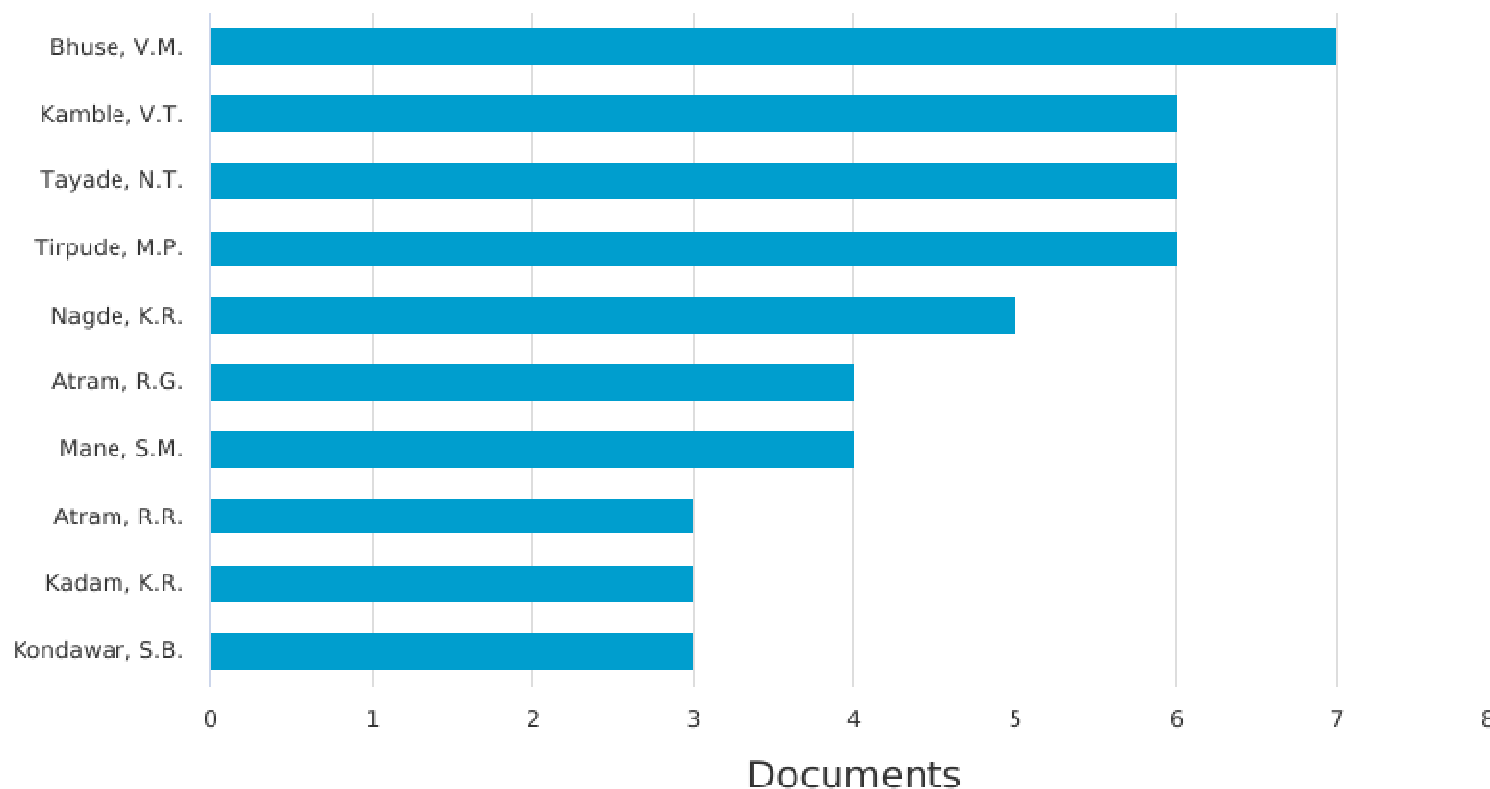
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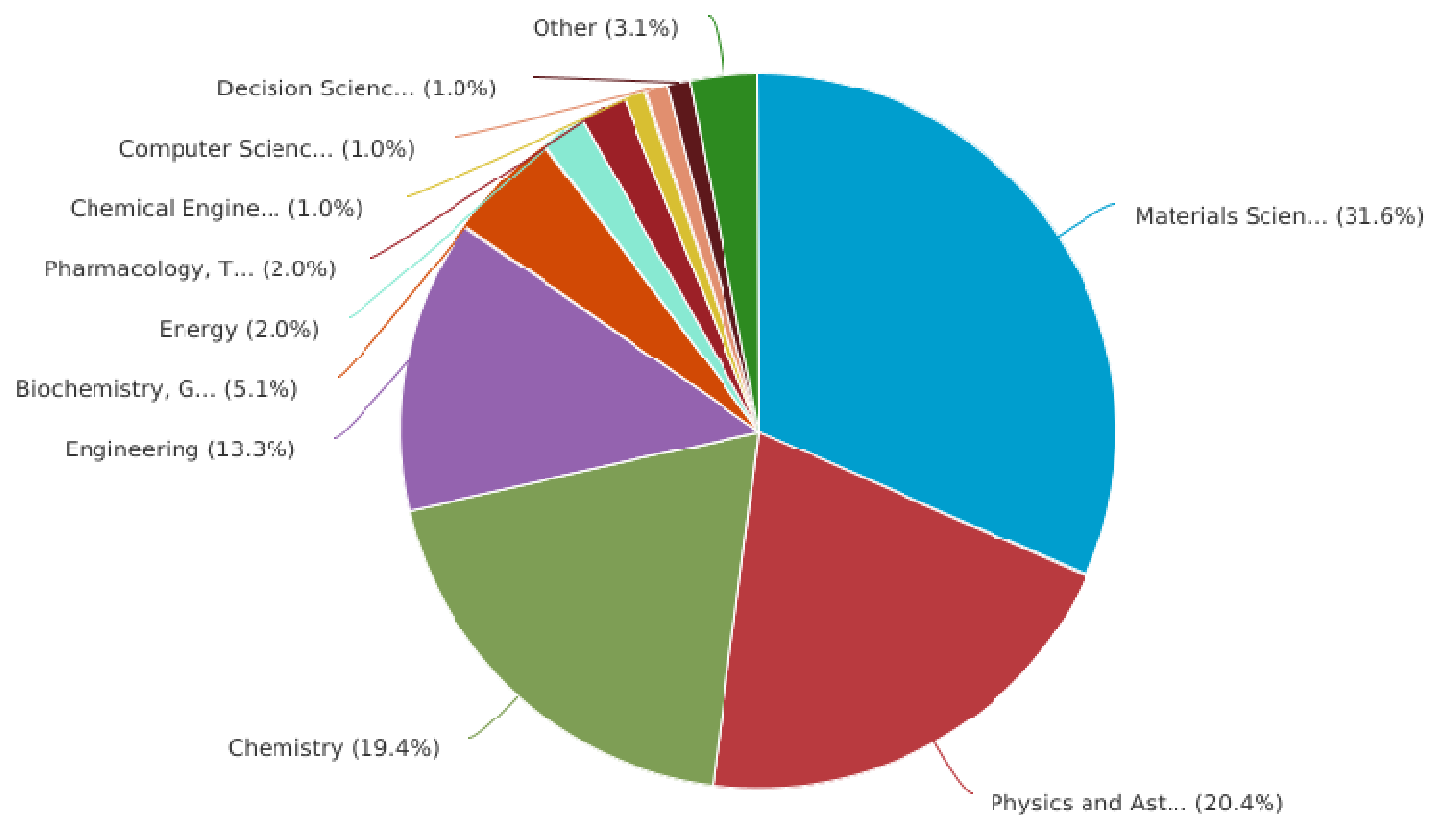


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Documents by Subject:

# Documents by subject area

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