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Research, Innovations and Extension

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**Bibliometrics of the publications during the
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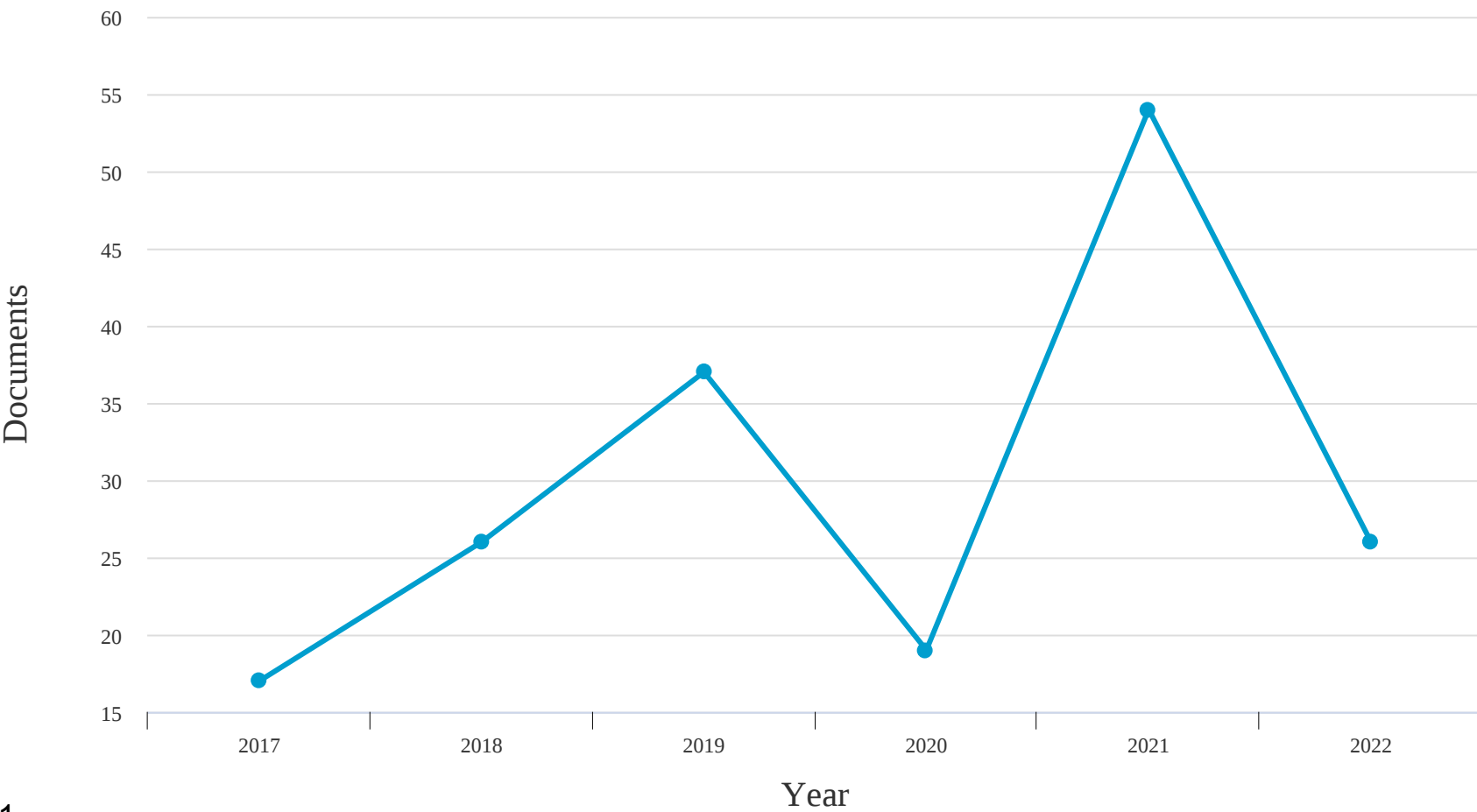
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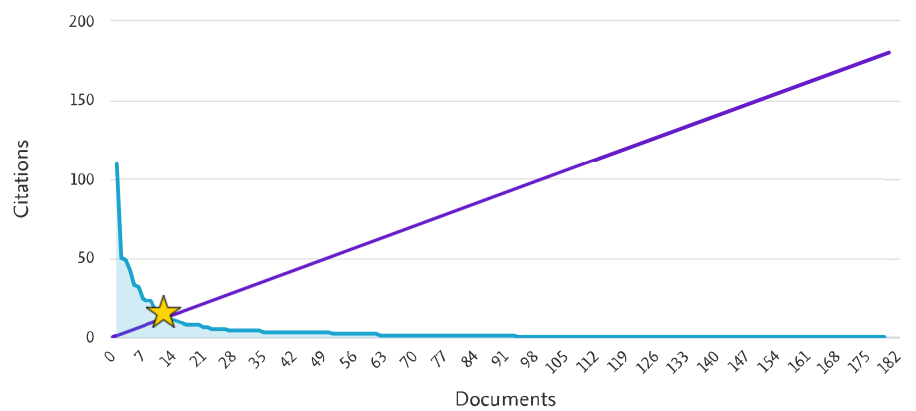
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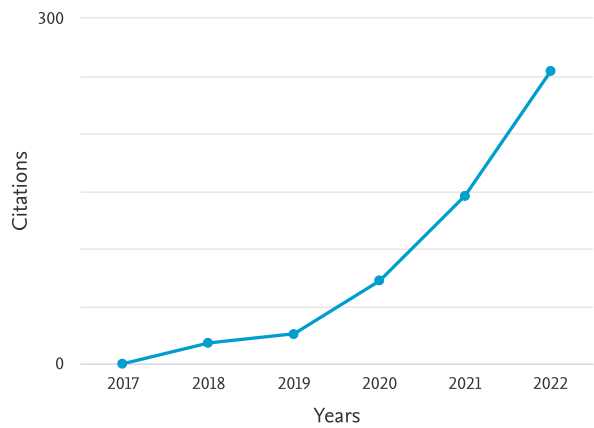
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		Total	0	0	18	26	72	146	254	516	159	675
☐	1 REMOVAL OF CRYSTAL VIOLET DYE FROM WASTEWATER USING SLUDGE F...	2022								0		0
☐	2 Determination of Concentration of Various Phases in Activate...	2022								0		0
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☐	11 Equilibrium, Kinetic and Thermodynamic Studies of Malachite ...	2022							1	1		1
☐	12 Responses of soil organic carbon, aggregate diameters, and h...	2022							2	2		2
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☐	14 Zooplanktons As Bioindicators Of Water Pollution From Vikram...	2022								0		0
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Documents			Citations	<2017	2017	2018	2019	2020	2021	2022	Subtotal	>2022	Total
			Total	0	0	18	26	72	146	254	516	159	675
☐	16	Gas permeation properties of nickel nanoparticle-embedded PP...	2022								0		0
☐	17	Structural and optical properties of PPO/PVP blended polymer...	2022							1	1	2	3
☐	18	Size effect on optical conductivity of Bi ₂ Te...	2022								0		0
☐	19	Synthesis and characterization of zirconia nanocrystalline p...	2022								0		0
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☐	23	Study of structural phase transition and elastic properties ...	2022								0		0
☐	24	The structural and optical properties of ZnO nanoparticles s...	2022							1	1	1	2
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☐	26	Investigation on load harmonic reduction through solar-power...	2022							37	37	12	49
☐	27	Investigation of structural, optical and electrical properti...	2021						2	1	3		3
☐	28	ALLEVIATION OF LEAD INDUCED STRESS IN ARHAR (Cajanus cajan) ...	2021								0		0
☐	29	Pressure dependent structural phase transition in iron silic...	2021							1	1		1
☐	30	Rare-earth Ion (Eu ³⁺ and Dy ³⁺) substitu...	2021								0		0
☐	31	Composites of ZnFe ₂ O ₄ and GaFeO ₃	2021								0	1	1
☐	32	High-pressure structural phase-transition in BaSe _{1-x}	2021								0		0
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☐	34	Dielectric studies of (0.75) Cu _{0.5} Zn _{0.5}	2021								0		0
☐	35	Synthesis, structural and optical properties of Cr-Doped nic...	2021								0		0
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☐	39	FT-IR and ATR-FTIR studies of sludge (CETP) before and after...	2021							1	1		1
☐	40	Process development for the removal of malachite Green dye f...	2021								0	1	1
☐	41	Synthesis, characterization and structural studies of Cu(II)...	2021								0		0
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☐	43	Study of dielectric properties of non-stoichiometric nickel ...	2021								0		0
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☐	52	Analysis of structural and dielectric behaviour of La _{1<...}	2021								0		0
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☐	54	Influence of Rare-Earth and transition metal substitution on...	2021								0		0
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☐	56	Dynamical behavior of an SEIS epidemic model with nonlinear ...	2021								0		0
☒	457	Data mining-based privacy preservation technique for medical...	2021						1	2	3	2	5

Documents			Citations	<2017	2017	2018	2019	2020	2021	2022	Subtotal	>2022	Total
			Total	0	0	18	26	72	146	254	516	159	675
☐	58	Extraction and application of natural dyes	2021							1	1	3	4
☐	59	Structural and dielectric studies of A-site substituted BiFe...	2021							1	1		1
☐	60	Effect of surfactant on oxidation of acetaldehyde by KMno	2021								0		0
☐	61	Antibacterial efficiency of naturally occurring dyes and mor...	2021							2	2	1	3
☐	62	Preparation of copper/TiO ₂ / graphene oxide ternar...	2021							6	6	2	8
☐	63	Cu-doped TiO ₂ nanoparticles/graphene composites f...	2021						4	17	21	12	33
☐	64	Luminescence Studies of rare-earth Ce ³⁺ and Dy	2021							3	3		3
☐	65	Increased oxidative stress and mitochondrial impairments ass...	2021							1	1		1
☐	66	Effect of bismuth (Bi ³⁺) substitution on structur...	2021						2	1	3	1	4
☐	67	Synthesis, Spectroscopic Characterization, and XAFS Studies ...	2021								0		0
☐	68	Detection of attacks in IoT sensors networks using machine l...	2021						4	10	14	9	23
☐	69	Microwave-assisted hydrothermal synthesis of Cu-doped TiO	2021						2	9	11	6	17
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☐	77	System performance measures of m/m queueing models with balk...	2021								0		0
☐	78	A-site substituted BiFeO ₃ ceramics: A study of str...	2021							1	1		1
☐	79	Effect of flowering regulating chemicals and girdling on win...	2021								0		0
☐	80	Mathematical modelling of fighting current pandemic-using fi...	2021								0		0
☐	81	Assessment of heavy metal, arsenic in Chhilpura pond water a...	2020							1	1		1
☐	82	Barium (Ba ²⁺) doped Cu-Zn ferrite: Study of struc...	2020						5		5		5
☐	83	Structural and dielectric properties of Cu _{0.5} Zn	2020								0		0
☐	84	Statistical Analysis By Pearson's Correlation Matrices Betwe...	2020								0		0
☐	85	Electrokinetic assisted phytoremediation of industrially hea...	2020								0		0
☐	86	Structural and Photoluminescent Studies of Eu ³⁺ -D...	2020						1		1		1
☐	87	Transport Properties of Transitional Metal (Ni ²⁺)...	2020							2	2	1	3
☐	88	Modelling of Copper Adsorption onto Na-P Zeolite synthesized...	2020								0		0
☐	89	Artificial Bee Colony-Based Approach for Privacy Preservatio...	2020						1	2	3		3
☐	90	Novel synergistic combination of Cu/S co-doped TiO ₂	2020					5	11	19	35	7	42
☐	91	Theoretical and experimental x-ray absorption fine structura...	2020								0		0
☐	92	Effect of pressure on structural and elastic properties of S...	2020							1	1		1
☐	93	Structural phase transition and elastic properties of galliu...	2020						1	1	2		2
☐	94	Bismuth doped La ₂ CoMnO ₆ : A study of Wi...	2020						2	1	3	1	4
☐	95	Structure, optical bandgap and luminescence studies of SrAl<...	2020						1	3	4	1	5
☐	96	Influence of transition metal doping on the structural and t...	2020						1		1		1
☐	97	Structural, optical and other spectral studies of transition...	2020						6	1	7	1	8
☐	98	Influence of barium (Ba ²⁺) doping for Cu-Zn ferri...	2020						1	2	3		3
☒	599	Stability analysis of a deterministic vaccination model with...	2020						1	1	2	1	3

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			Total	0	0	18	26	72	146	254	516	159	675
	100	Temperature-dependent transport properties of a FeTe compoun...	2019						1	1	2		2
	101	Measurement and Analysis of Normal-State Transport Propertie...	2019						1		1	3	4
	102	High pressure structural phase transition and elastic proper...	2019								0		0
	103	A common fixed point theorem for four self maps in cone metr...	2019								0		0
	104	Structural, optical and electrical properties of BaTiO ₃ ...	2019						3	1	4		4
	105	Structural and optical properties of (1-x)BaTiO ₃ ...	2019					1	1	2	4	1	5
	106	Structural, vibrational and dielectric properties of Sr...	2019								0		0
	107	Synthesis, structure and thermoluminescence studies on Dy	2019					1			1		1
	108	Spatial variation in avifaunal diversity from various green ...	2019						1		1		1
	109	Development of an acetanilide/benzoic acid eutectic phase ch...	2019					4	3	4	11	5	16
	110	Structural phase transition and elastic properties of molybd...	2019								0		0
	111	Structural phase transition in lithium bromide: Effect of pr...	2019								0		0
	112	Synthesis and characterization of ZnO nanoparticles by therm...	2019								0		0
	113	Structural and optical properties of La ₂ NiTiO <...>	2019					1	1		2	1	3
	114	Theoretical analysis of the structural phase transition in a...	2019								0		0
	115	Polarographic determination of stability constant of Zn (II)...	2019								0		0
	116	Theoretical analysis of the structural phases of MnO under h...	2019								0		0
	117	Pressure dependent study of phase transition and elastic con...	2019								0		0
	118	XRD and FTIR studies of zinc doped nickel oxide compounds	2019						1	1	2		2
	119	Interpretation of Raman modes in FeTe and FeTe _{0.9}	2019								0		0
	120	Thermoluminescence studies of Ce ³⁺ doped Sr	2019								0		0
	121	Structural phase transition and elastic behavior of WN	2019								0		0
	122	Structural and Raman analysis of double perovskite La ₂ ...	2019					1	1	1	3		3
	123	Synthesis and structural study of Cr-doped BaTiO ₃	2019					4		1	5	3	8
	124	Comparative crystallographic study of La ₂ NiTiO ...	2019								0		0
	125	X-ray analysis of BaTiO ₃ ceramics by Williamson-...	2019					3	4	11	18	5	23
	126	Synthesis, characterization and biological activity of flavo...	2019								0		0
	127	Structural and photoluminescent studies of SrAl ₂ ...	2019					1	2	1	4		4
	128	Threshold field for nonlinear power absorption in Mg doped L...	2019					1			1		1
	129	Effect of sintering temperature on the dielectric properties...	2019								0		0
	130	Synthesis, characterization, XRD and EXAFS studies of Fe(III)...	2019							1	1		1
	131	Structural, photoluminescent and thermoluminescent studies o...	2019				1	1	4	3	9	2	11
	132	A novel approach to automatic detection of chaupai chhand in...	2019						1	1	2	1	3
	133	Facile synthesis of Cu/N co-doped TiO ₂ nanopartic...	2019					1	1		2	1	3
	134	A study on avian fauna at Pipliyapala regional Park, Indore,...	2019								0		0
	135	Female infertility investigation and statistics	2019					2			2		2
	136	Hindi word correction using micro-parsing	2019						1		1		1
	137	Influence of sulfur doping on the electrical and thermal tra...	2018								0		0
	138	Novel sol–gel synthesis of Al/N co-doped TiO ₂ nan...	2018							6	6	2	8
	139	Investigation of Mentha spicata extract as green corrosion i...	2018							1	1		1
	140	Novel synergistic combination of Al/N Co-doped TiO ₂	2018				5	2	1	6	14	3	17
	141	Seebeck Coefficient Measurement and Its Narrow Band Model In...	2018				1				1		1

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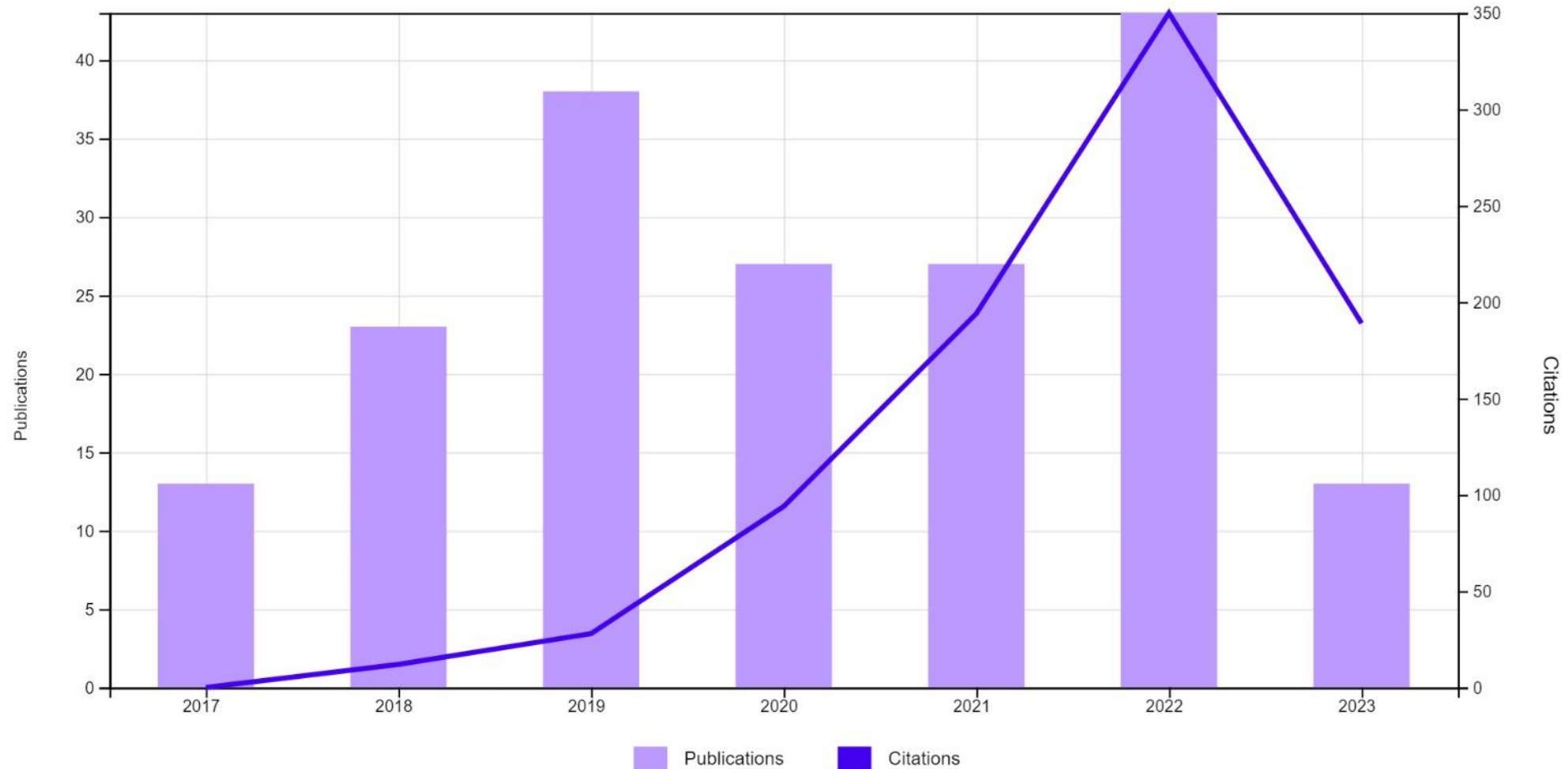
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Title	Authors	Source Title	Publication Year	Volume	Issue	Beginning Page	DOI	Total Citations	Average per Year	2017	2018	2019	2020	2021	2022	2023
The effect of stoichiometry on the structural, thermal and electronic properties of thermally decomposed nickel oxide	Dubey, P.; Kaurav, Netram; Devan, Rupesh S.; Okram, G. S.; Kuo, Y. K.	RSC ADVANCES	2018	8	11	5882	10.1039/c8ra00157j	107	17.83	0	1	3	17	29	39	18
Influence of trivalent Al-Cr co-substitution on the structural, morphological and Mossbauer properties of nickel ferrite nanoparticles	Bharati, V. A.; Somvanshi, Sandeep B.; Humbe, Ashok V.; Murumkar, V. D.; Sondur, V. V.; Jadhav, K. M.	JOURNAL OF ALLOYS AND COMPOUNDS	2020	821			10.1016/j.jallcom.2019.153501	86	21.5	0	0	0	12	22	26	26
Surface plasmon resonance effect of Cu nanoparticles in a dye sensitized solar cell	Dhonde, Mahesh; Sahu, Kirti; Murty, V. V. S.; Nemala, Siva Sankar; Bhargava, Parag	ELECTROCHIMICA ACTA	2017	249		89	10.1016/j.electacta.2017.07.187	46	6.57	0	5	9	11	9	8	4
Investigation on load harmonic reduction through solar-power utilization in intermittent SSFI using particle swarm, genetic, and modified firefly optimization algorithms	Albert, Johny Renoald; Sharma, Aditi; Rajani, B.; Mishra, Ashish; Saxena, Ankur; Nandagopal, C.; Mewada, Shivilal	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	2022	42	4	4117	10.3233/JIFS-212559	44	22	0	0	0	0	0	33	11

Title	Authors	Source Title	Publication Year	Volume	Issue	Beginning Page	DOI	Total Citations	Average per Year	2017	2018	2019	2020	2021	2022	2023
Novel synergistic combination of Cu/S co-doped TiO2 nanoparticles incorporated as photoanode in dye sensitized solar cell	Gupta, Anuradha; Sahu, Kirti; Dhonde, Mahesh; Murty, V. V. S.	SOLAR ENERGY	2020	203		296	10.1016/j.solener.2020.04.043	40	10	0	0	0	6	15	17	2
Cu-doped TiO2 nanoparticles/graphene composites for efficient dye-sensitized solar cells	Dhonde, Mahesh; Sahu, Kirti; Murty, V. V. S.	SOLAR ENERGY	2021	220		418	10.1016/j.solener.2021.03.072	31	10.33	0	0	0	0	6	19	6
Enhanced photovoltaic performance of a dye sensitized solar cell with Cu/N Co-doped TiO2 nanoparticles	Dhonde, Mahesh; Sahu, Kirti; Murty, V. V. S.; Nemala, Siva Sankar; Bhargava, Parag; Mallick, Sudhanshu	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2018	29	8	6274	10.1007/s10854-018-8605-3	24	4	0	2	2	4	7	7	2
Structural, infrared, magnetic and ferroelectric properties of Sr0.5Ba0.5Ti1-xFexO3 nanoceramics: Modifications via trivalent Fe ion doping	Bhoyar, Dhananjay N.; Somvanshi, Sandeep B.; Kharat, Prashant B.; Pandit, A. A.; Jadhav, K. M.	PHYSICA B-CONDENSED MATTER	2020	581			10.1016/j.physb.2019.411944	21	5.25	0	0	0	7	3	4	7
Soil Biological Activity Contributing to Phosphorus Availability in Vertisols under Long-Term Organic and Conventional Agricultural Management	Bhat, Nisar A.; Riar, Amritbir; Ramesh, Aketi; Iqbal, Sanjeeda; Sharma, Mahaveer P.; Sharma, Sanjay K.; Bhullar, Gurbir S.	FRONTIERS IN PLANT SCIENCE	2017	8			10.3389/fpls.2017.01523	20	2.86	0	2	1	4	8	1	4
Dioscin: A review on pharmacological properties and therapeutic values	Bandopadhyay, Shinjini; Anand, Utpal; Gadekar, Vijaykumar Shivaji; Jha, Niraj Kumar; Gupta, Piyush Kumar; Behl, Tapan; Kumar, Manoj; Radha; Shekhawat, Mahipal S.; Dey, Abhijit	BIOFACTORS	2022	48	1	22	10.1002/biof.1815	18	6	0	0	0	0	0	13	5

Title	Authors	Source Title	Publication Year	Volume	Issue	Beginning Page	DOI	Total Citations	Average per Year	2017	2018	2019	2020	2021	2022	2023
X-ray Analysis of BaTiO ₃ Ceramics by Williamson-Hall and Size Strain Plot Methods	Khan, Mehjabeen; Mishra, Ashutosh; Shukla, Jyoti; Sharma, Pradeep	PROF. DINESH VARSHNEY MEMORIAL NATIONAL CONFERENCE ON PHYSICS AND CHEMISTRY OF MATERIALS (NCPCM 2018)	2019	2100			10.1063/1.5098692	17	3.4	0	0	0	2	4	9	2
Enhanced NO ₂ gas sensing performance of Ni-doped ZnO nanostructures	Kamble, V. S.; Navale, Y. H.; Patil, V. B.; Desai, N. K.; Salunkhe, S. T.	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2021	32	2	2219	10.1007/s10854-020-04987-z	16	5.33	0	0	0	0	3	9	4
Microwave-assisted hydrothermal synthesis of Cu-doped TiO ₂ nanoparticles for efficient dye-sensitized solar cell with improved open-circuit voltage	Sahu, Kirti; Dhonde, Mahesh; Murty, Vemparala Venkata Satyanarayana	INTERNATIONAL JOURNAL OF ENERGY RESEARCH	2021	45	4	5423	10.1002/er.6169	15	3.75	0	0	0	0	3	9	3
Development of an acetanilide/benzoic acid eutectic phase change material based thermal energy storage unit for a passive water heating system	Purohit, Khushboo; Murty, V. V. S.; Dixit, R. C.; Sharma, Atul	BULLETIN OF MATERIALS SCIENCE	2019	42	3		10.1007/s12034-019-1731-6	15	3	0	0	0	4	4	3	4
Climate Change, Agriculture and Food Security	Yadav, ShyamS.; Hegde, V. S.; Habibi, Abdul Basir; Dia, Mahendra; Verma, Suman	FOOD SECURITY AND CLIMATE CHANGE	2019			1		14	2.8	0	0	0	3	3	4	4
Novel synergistic combination of Al/N Co-doped TiO ₂ nanoparticles for highly efficient dye-sensitized solar cells	Dhonde, Kirti Sahu; Dhonde, Mahesh; Murty, V. V. S.	SOLAR ENERGY	2018	173		551	10.1016/j.solener.2018.07.091	14	2.33	0	0	5	2	2	5	0

Title	Authors	Source Title	Publication Year	Volume	Issue	Beginning Page	DOI	Total Citations	Average per Year	2017	2018	2019	2020	2021	2022	2023
Chemical synthesis of Cd _{1-x} -yZnxCuySzSe _{1-z} composite thin films for photoelectrochemical solar cell	Chavan, G. T.; Shinde, Nanasaheb M.; Sabah, F. A.; Patil, Satish S.; Sikora, A.; Prakshale, V. M.; Kamble, S. S.; Chaure, N. B.; Deshmukh, L. P.; Kim, Ahyun; Jeon, Chan-Wook	APPLIED SURFACE SCIENCE	2022	574			10.1016/j.apsusc.2021.151581	12	4	0	0	0	0	0	5	7
Detection of attacks in IoT sensors networks using machine learning algorithm	Bedi, Pradeep; Mewada, Shivrulal; Vatti, Rasmbabu Arjunarao; Singh, Chaitanya; Dhindsa, Kanwalvir Singh; Ponnusamy, Muruganantham; Sikarwar, Ranjana	MICROPROCESSORS AND MICROSYSTEMS	2021	82			10.1016/j.micpro.2020.103814	12	4	0	0	0	0	2	8	2
Novel synthesis method for quaternary Cd(Cu, Zn)Se thin films and its characterizations	Chavan, G. T.; Sabah, F. A.; Kamble, S. S.; Prakshale, V. M.; Pawar, S. T.; Patil, S.; Lee, Sunhwa; Sikora, A.; Deshmukh, L. P.; Cho, Younghyun; Cho, Eun-Chel; Yi, Junsin	CERAMICS INTERNATIONAL	2020	46	1	74	10.1016/j.ceramint.2019.08.235	11	2.75	0	0	0	1	4	4	2
Investigations on the Structural and Electrical Properties of Sm ³⁺ -Doped Nickel Ferrite-Based Ceramics	Khan, Mehjabeen; Bisen, Supriya; Shukla, Jyoti; Mishra, Ashutosh; Sharma, Pradeep	JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM	2021	34	3	763	10.1007/s10948-020-005754-1	10	2.5	0	0	0	0	4	3	3

Title	Authors	Source Title	Publication Year	Volume	Issue	Beginning Page	DOI	Total Citations	Average per Year	2017	2018	2019	2020	2021	2022	2023
Metal-free oxidative coupling of arylmethylamines with indoles: a simple, environmentally benign approach for the synthesis of 3,3'-bis(indolyl)methanes	Kadu, Vikas D.; Chandrudu, Sankala Naga; Hublikar, Mahesh G.; Raut, Dattatraya G.; Bhosale, Raghunath B.	RSC ADVANCES	2020	10	39	23254	10.1039/d0ra03221b	10	2.5	0	0	0	0	3	4	3
Betelvine (Piper betleL.): A comprehensive insight into its ethnopharmacology, phytochemistry, and pharmacological, biomedical and therapeutic attributes	Biswas, Protha; Anand, Utpal; Saha, Suchismita Chatterjee; Kant, Nishi; Mishra, Tulika; Masih, Harison; Bar, Ananya; Pandey, Devendra Kumar; Jha, Niraj Kumar; Majumder, Madhumita; Das, Neela; Gadekar, Vijaykumar Shivaji; Shekhawat, Mahipal S.; Kumar, Manoj; Radha; Prockow, Jaroslaw; Perez de la Lastra, Jose M.; Dey, Abhijit	JOURNAL OF CELLULAR AND MOLECULAR MEDICINE	2022	26	11	3083	10.1111/jcm.m.17323	9	4.5	0	0	0	0	0	5	4
Development of Diverse Range of Biologically Relevant Carbohydrate-Containing Molecules: Twenty Years of Our Journey**	Tiwari, Vinod K.	CHEMICAL RECORD	2021	21	11	3029	10.1002/tcr.202100058	9	3	0	0	0	0	0	6	3
Human Identification System Based on Spatial and Temporal Features in the Video Surveillance System	Angadi, Sanjeevkumar; Nandyal, Suvarna	INTERNATIONAL JOURNAL OF AMBIENT COMPUTING AND INTELLIGENCE	2020	11	3	1	10.4018/IJACI.2020070101	9	2.25	0	0	0	1	5	2	1

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Electrochemical supercapacitive studies of chemically deposited Co1-xNixS thin films	Chavan, G. T.; Yadav, A. A.; Kamble, S. S.; Sabah, F. A.; Prakshale, V. M.; Sikora, A.; Warycha, J.; Bulakhe, R. N.; In, Insik; Cho, Eun-Chel; Yi, Junsin; Deshmukh, L. P.	MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING	2020	107			10.1016/j.msps.2019.104799	9	2.25	0	0	0	0	5	3	1
Synthesis of Asymmetric Thiazolyl Pyrazolines as a Potential Antioxidant and Anti-Inflammatory Agents	Raut, Dattatraya G.; Lawand, Anjana S.; Kadu, Vikas D.; Hublikar, Mahesh G.; Patil, Sandeep B.; Bhosale, Dnyandev G.; Bhosale, Raghunath B.	POLYCYCLIC AROMATIC COMPOUNDS	2022	42	1	70	10.1080/10406638.2020.1716028	9	2.25	0	0	0	0	3	5	1
Structural, photoluminescent and thermoluminescent studies of rare earth ion (RE = Eu3+) doped Sr2SiO4 phosphor	Somani, Monika; Saleem, M.; Mittal, M.; Sharma, P. K.	OPTIK	2019	182		839	10.1016/j.ijleo.2019.01.091	9	1.8	0	0	1	0	5	2	1
Review-Recent Advancements in Dye-Sensitized Solar Cells; From Photoelectrode to Counter Electrode	Dhonde, Mahesh; Sahu, Kirti; Das, Malyaj; Yadav, Anand; Ghosh, Pintu; Murty, Vemparala Venkata Satyanarayana	JOURNAL OF THE ELECTROCHEMICAL SOCIETY	2022	169	6		10.1149/1945-7111/ac741f	8	4	0	0	0	0	0	2	6
Novel sol-gel synthesis of Al/N co-doped TiO2 nanoparticles and their structural, optical and photocatalytic properties	Dhonde, Mahesh; Dhonde, Kirti Sahu; Murty, V. V. S.	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2018	29	21	18465	10.1007/s10854-018-9962-7	8	1.33	0	0	0	0	1	5	2
Preparation of copper/TiO2/graphene oxide ternary nanocomposites and their structural, surface morphology, and optical properties	Sahu, Kirti; Dhonde, Mahesh; Murty, V. V. S.	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2021	32	12	15971	10.1007/s10854-021-06148-2	7	2.33	0	0	0	0	1	5	1

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Structural, optical and other spectral studies of transition metal Ti4+-doped Zn-Cd oxide nanomaterials	Saleem, Mohd; Tiwari, S.; Soni, M.; Bajpai, N.; Mishra, Ashutosh	INTERNATIONAL JOURNAL OF MODERN PHYSICS B	2020	34	6		10.1142/S0217979220500332	7	1.75	0	0	0	2	3	1	1
Preparation, spectroscopic characterization and antimicrobial activities of mixed metal (Sb and Bi) bridged derivatives with mixed sulfur donor ligands	Joshi, Sapana; Chauhan, H. P. S.; Carpenter, Nitin	JOURNAL OF MOLECULAR STRUCTURE	2017	1128		221	10.1016/j.molstruc.2016.08.063	7	1	0	0	2	1	3	1	0
Synthesis and thermogravimetric analysis of non-stoichiometric nickel oxide compounds	Dubey, Paras; Kaurav, Netram	FRONTIERS OF PHYSICS AND PLASMA SCIENCE	2017	836			10.1088/1742-6596/836/1/012040	7	1	0	0	1	2	1	3	0
Sawmill waste derived carbon dots as a fluorescent probe for synthetic dyes in soft drinks	Gunjal, Datta B.; Walekar, Laxman S.; Pawar, Samadhan P.; Anbhule, Prashant V.; Mali, Mukund G.; Dhulap, Vinayak P.; Sohn, Daewon; Mahajan, Prasad G.; Lee, Ki Hwan; Shejwal, Rajendra V.; Kolekar, Govind B.	SCIENTIFIC REPORTS	2021	11	1		10.1038/s41598-021-97552-5	6	2	0	0	0	0	0	3	3
Cd(Zn, S)Se quaternary thin films for electrochemical photovoltaic cell application	Chavan, Ganesh T.; Prakshale, Vipul M.; Kamble, Shrishail S.; Pawar, Santaji T.; Sikora, Andrzej; Cho, Eun-Chel; Yi, Junsin; Deshmukh, Lalasaheb P.	INTERNATIONAL JOURNAL OF ENERGY RESEARCH	2020	44	5	3737	10.1002/er.5162	6	1.5	0	0	0	0	2	3	1
Effect of Bismuth Doping on Optical Properties of Polycrystalline PrCrO3	Late, Ravikiran; Wagaskar, K. V.; Patil, S. I.; Shelke, Pradip B.; Sagdeo, Pankaj R.	3RD INTERNATIONAL CONFERENCE ON CONDENSED MATTER & APPLIED PHYSICS (ICC-2019)	2020	2220			10.1063/5.0002651	6	1.5	0	0	0	2	3	1	0

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Quantum size effect on the heat capacity of nickel nanolattice	Singh, J.; Tarachand; Samatham, S. S.; Venkateshwarlu, D.; Kaurav, Netram; Ganesan, V.; Okram, G. S.	APPLIED PHYSICS LETTERS	2017	111	20		10.1063/1.4985583	6	0.86	0	1	0	0	1	3	1
The burden of soil-transmitted helminths infections among pregnant women in Maharashtra and Rajasthan states of India	Gaidhane, Abhay; Kirti, Vipul; Bharadawaj, Pankaj; Gaidhane, Shilpa; Khatib, Nazli; Saxena, Deepak; Telrandhe, Shital; Patil, Manoj; Choudhari, Sonali; Zahiruddin, QuaziSyed	JOURNAL OF FAMILY MEDICINE AND PRIMARY CARE	2022	11	6	3161	10.4103/jfmpc.jfmpc_1109_21	5	2.5	0	0	0	0	0	4	1
Synthesis and Structural Study of Cr-Doped BaTiO ₃ by X-ray Diffraction Technique and Williamson-Hall and Size Strain Plot Methods	Shrivastava, Anshu; Bisen, Supriya; Khan, Mehjabeen; Sharma, P.; Mishra, A.	PROF. DINESH VARSHNEY MEMORIAL NATIONAL CONFERENCE ON PHYSICS AND CHEMISTRY OF MATERIALS (NCPCM 2018)	2019	2100			10.1063/1.5098720	5	1	0	0	0	1	0	2	2
Design and optimization of sensitive analytical spectrophotometric method for micro determination of copper(II) from e-waste by using of novel chromogenic extractant	Kharade, Sangram B.; Chougale, Rajvardhan K.; Barache, Umesh B.; Sanadi, Kallappa R.; Rathod, Kishan C.; Gaikwad, Shashikant H.; Ling, Yong-Chein; Anuse, Mansing A.; Kamble, Ganesh S.	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	2022	267			10.1016/j.saa.2021.120502	4	1.33	0	0	0	0	0	3	1

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Studies on structural, spectral and morphological properties of co-precipitation derived Co-doped ZnO nanocapsules for NO ₂ sensing applications	Kamble, V. S.; Navale, Y. H.; Patil, V. B.; Desai, N. K.; Vajekar, S. N.; Salunkhe, S. T.	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2021	32	22	26503	10.1007/s10854-021-07027-6	4	1.33	0	0	0	0	0	2	2
Synthesis and characterization of aliphatic aromatic polyamides containing pyridine and methylene spacer group in polymer backbone	Ghodke, Shivaji; Tamboli, Aslam; Diwate, Arati; Ubale, Vijay; Bhorkade, Rajesh; Maldar, Noormahmad	INTERNATIONAL JOURNAL OF POLYMER ANALYSIS AND CHARACTERIZATION	2021	26	4	342	10.1080/1023666X.2021.1891379	4	1.33	0	0	0	0	2	2	0
Design, Development and Validation of a Portable Gas Sensor Module: A Facile Approach for Monitoring Greenhouse Gases	Mane, Supriya A.; Nadargi, Digambar Y.; Nadargi, Jyoti D.; Aldossary, Omar M.; Tamboli, Mohaseen S.; Dhulap, Vinayak P.	COATINGS	2020	10	12		10.3390/coatings10121148	4	1	0	0	0	0	0	4	0
Effect of bismuth (Bi ³⁺) substitution on structural, optical, dielectric and magnetic nature of La ₂ CoMnO ₆ double perovskite	Bajpai, Niketa; Saleem, M.; Mishra, Ashutosh	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2021	32	10	12890	10.1007/s10854-020-04348-w	4	1	0	0	0	0	2	1	1
Structural, Optical and Electrical Properties of BaTiO ₃ - NiFe ₂ O ₄ Based Multifunctional Composites	Khan, Mehjabeen; Mishra, Ashutosh; Shukla, Jyoti; Sharma, Pradeep	ADVANCES IN BASIC SCIENCES (ICABS 2019)	2019	2142			10.1063/1.5122593	4	0.8	0	0	0	1	2	1	0
Structural and Optical Properties of (1-x)BaTiO ₃ -xNiFe(2)O(4) Based Nano-Composites	Khan, Mehjabeen; Mishra, Ashutosh; Shukla, Jyoti; Bisen, S.; Sharma, Pradeep	DAE SOLID STATE PHYSICS SYMPOSIUM 2018	2019	2115			10.1063/1.5112946	4	0.8	0	0	0	2	0	1	1
Optimization and characterization of antifungal metabolite from a soil actinomycete Streptomyces indiaensis SRT1	Bhosale, H. J.; Kadam, T. A.; Mirajgave, R. S.; Holkar, S. K.	INDIAN JOURNAL OF BIOTECHNOLOGY	2018	17	2	261		4	0.67	0	0	1	1	0	2	0

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Novel lipid constituents identified from the leaves of <i>Artabotrys odoratissimus</i> (R. Br)	Mehta, Bhupendra K.; Kori, Pramila; Mehta, Darshana; Misra, Himanshu	ARABIAN JOURNAL OF CHEMISTRY	2017	10		S742	10.1016/j.arabjc.2012.11.020	4	0.57	0	0	0	0	1	3	0
Analytical optimization of liquid-liquid extractive spectrophotometric assessment protocol for tetravalent platinum: Analysis of environmental samples and cisplatin	Shaikh, Abdul B.; Barache, Umesh B.; Lawand, Anjana S.; Kamble, Ganesh S.; Gaur, Muddsar L.; Gaikwad, Shashikant H.	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	2023	285			10.1016/j.saa.2022.121918	3	1.5	0	0	0	0	0	0	3
[HDBU][HSO ₄]-catalyzed facile synthesis of new 1,2,3-triazole-tethered 2,3-dihydroquinazolin-4[1H]-one derivatives and their DPPH radical scavenging activity	Siddiqui, Madiha M.; Nagargoje, Amol A.; Akolkar, Satish, V; Sangshetti, Jaiprakash N.; Khedkar, Vijay M.; Pisal, Parshuram M.; Shingate, Bapurao B.	RESEARCH ON CHEMICAL INTERMEDIATES	2022	48	3	1199	10.1007/s1164-021-04639-9	3	1.5	0	0	0	0	0	2	1
Synthesis and characterization of aromatic polyamides containing pendant naphthalene-8-oxybenzamide units	Ghodke, Shivaji. D.; Tamboli, Aslam B.; Diwate, Arati V.; Gurame, Mahesh B.; Ubale, Vijay P.; Joshi, Makarand D.; Maldar, Noormahmad N.	JOURNAL OF POLYMER RESEARCH	2021	28	9		10.1007/s10965-021-02705-9	3	1	0	0	0	0	1	1	1
Antibacterial efficiency of naturally occurring dyes and mordants	Ansari, Taiyaba Nimra; Iqbal, Sanjeeda	PROCEEDINGS OF THE INDIAN NATIONAL SCIENCE ACADEMY	2021	87	2	408	10.1007/s43538-021-00025-6	3	1	0	0	0	0	0	3	0
Luminescence Studies of rare-earth Ce ³⁺ and Dy ³⁺ doped SrAl ₂ O ₄ aluminate phosphors	Neema, Riya; Saleem, M.; Sharma, P. K.; Mittal, M.	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2021	32	9	12318	10.1007/s10854-021-05862-1	3	1	0	0	0	0	1	2	0
A-Site Substituted BaTiO ₃ : Analysis of Structural, Optical, Ferroelectric and Dielectric Nature	Soni, Madhuri; Saleem, M.; Mishra, Ashutosh	JOURNAL OF MOLECULAR AND ENGINEERING MATERIALS	2020	8	3-4		10.1142/S2251237320500045	3	0.75	0	0	0	0	1	2	0

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Transport Properties of Transitional Metal (Ni ²⁺) Doped La _{0.67} Ca _{0.33} MnO ₃ Rare-Earth Manganites	Saleem, M.; Tiwari, S.; Mishra, A.	JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM	2020	33	9	2787	10.1007/s10948-020-05516-z	3	0.75	0	0	0	0	0	2	1
Synthesis, characterization and properties of novel polyamides derived from 4 4MODIFIER LETTER PRIME bis(4-carboxy methylene) biphenyl and various diamines	Ghodke, Shivaji D.; Tamboli, Aslam B.; Diwate, Arati, V; Ubale, Vijay P.; Maldar, Noormahmad N.	DESIGNED MONOMERS AND POLYMERS	2020	23	1	177	10.1080/15685551.2020.1826705	3	0.75	0	0	0	0	3	0	0
Structure, Optical Bandgap And Luminescence Studies Of SrAl ₂ O ₄ : Eu ³⁺ , Dy ³⁺ Nanophosphor	Neema, Riya; Saleem, M.; Sharma, P. K.; Mittal, M.	3RD INTERNATIONAL CONFERENCE ON CONDENSED MATTER & APPLIED PHYSICS (ICC-2019)	2020	2220			10.1063/5.0002749	3	0.75	0	0	0	0	0	2	1
Influence of barium (Ba ²⁺) doping for Cu-Zn ferrites on structural and electrical properties	Tandon, Vishal; Saleem, M.; Kaurav, Netram; Dixit, R. C.	MATERIALS TODAY-PROCEEDINGS	2020	30		234	10.1016/j.matpr.2020.06.520	3	0.75	0	0	0	0	0	3	0
Measurement and Analysis of Normal-State Transport Properties of FeSe Superconductor	Lodhi, Pavitra Devi; Kaurav, Netram; Choudhary, K. K.; Kuo, Y. K.	JOURNAL OF LOW TEMPERATURE PHYSICS	2019	196	5-6	494	10.1007/s10909-019-02198-3	3	0.6	0	0	0	0	1	0	2
Structural and Raman Analysis of Double Perovskite La ₂ CoTi _{0.7} Ni _{0.3} O ₆	Solanki, Neha; Lodhi, Pavitra Devi; Kaurav, Netram	PROF. DINESH VARSHNEY MEMORIAL NATIONAL CONFERENCE ON PHYSICS AND CHEMISTRY OF MATERIALS (NCPCM 2018)	2019	2100			10.1063/1.5098715	3	0.6	0	0	0	1	1	1	0
The Structural And Raman Spectral Studies On Ni _{0.5} Cu _{0.5} Fe ₂ O ₄ Ferrite	Somani, M.; Saleem, M.	2ND INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND APPLIED PHYSICS (ICC-2017)	2018	1953			10.1063/1.5032547	3	0.5	0	0	1	1	0	1	0

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Effects of high glutamate concentrations on mitochondria of human neuroblastoma SH-SY5Y cells	Tiwari, K. Dubey; Sharma, G.; Prakash, M. M.; Parihar, M. S.; Dawane, V.	ANNALES PHARMACEUTIQUES FRANCAISES	2023	81	3	457	10.1016/j.pharma.2022.10.003	2	2	0	0	0	0	0	1	1
Pd loaded bismuth ferrite: A versatile perovskite for dual applications as acetone gas sensor and photocatalytic dye degradation of malachite green	Ghadage, Pandurang; Kodam, Pavan; Nadargi, Digambar; Patil, Suraj; Tamboli, Mohaseen; Bhandari, Nagesh; Mulla, Imtiaz; Park, Chinho; Suryavanshi, Sharad	CERAMICS INTERNATIONAL	2023	49	4	5738	10.1016/j.ceramint.2022.10.153	2	2	0	0	0	0	0	0	2
Magnetically separable mixed metal oxide nanocomposite (Pd/MnFe ₂ O ₄) for Suzuki cross-coupling in aqueous medium	Sutar, Damodar J.; Zende, Sunil N.; Kadam, Abhijit N.; Mali, Mukund. G.; Mhaldar, Pradeep M.; Tapase, Asmita. S.; Bathula, Chinna; Lee, Sang-Wha; Gokavi, Gavisiddappa S.	JOURNAL OF ORGANOMETALLIC CHEMISTRY	2023	983			10.1016/j.jorganchem.2022.122541	2	1	0	0	0	0	0	0	2
Mn-Incorporated alpha-Fe ₂ O ₃ Nanostructured Thin Films: Facile Synthesis and Application as a High-Performance Supercapacitor	Kadam, Sujit A.; Ma, Yuan-Ron; Chen, Yan-Ruei; Navale, Yuvraj H.; Salunkhe, Amol S.; Patil, Vikas B.; Ralegankar, Sachin D.; More, Pravin D.	JOURNAL OF ELECTRONIC MATERIALS	2023	52	1	500	10.1007/s11664-022-10019-9	2	1	0	0	0	0	0	0	2

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Spinel Magnesium Ferrite (MgFe ₂ O ₄): A Glycine-Assisted Colloidal Combustion and Its Potentiality in Gas-Sensing Application	Nadargi, Digambar; Umar, Ahmad; Nadargi, Jyoti; Patil, Jayvant; Mulla, Imtiaz; Akbar, Sheikh; Suryavanshi, Sharad	CHEMOSENSORS	2022	10	9		10.3390/chemosensors10090361	2	1	0	0	0	0	0	1	1
An Efficient and Green Synthesis of Tetrahydrobenzo[b]Pyran Derivatives Using [(EMIM)Ac] at Room Temperature	Katariya, Ashishkumar P.; Yadav, Ashok R.; Pawar, Omprakash B.; Pisal, Parshuram M.; Sangshetti, Jaiprakash N.; Katariya, Maya, V; Deshmukh, Satish U.	CHEMISTRYSELECT	2022	7	15		10.1002/slct.202104184	2	1	0	0	0	0	0	1	1
The structural and optical properties of ZnO nanoparticles synthesized via thermal decomposition	Rathore, Ravi; Kaurav, Netram	MATERIALS TODAY-PROCEEDINGS	2022	54		624	10.1016/j.matpr.2021.10.207	2	1	0	0	0	0	0	1	1
The application of solar-driven technologies for the sustainable development of agriculture farming: a comprehensive review	Dhonde, Mahesh; Sahu, Kirti; Murty, V. V. S.	REVIEWS IN ENVIRONMENTAL SCIENCE AND BIOTECHNOLOGY	2022	21	1	139	10.1007/s11157-022-09611-6	2	1	0	0	0	0	0	1	1
Metal Complexes Derived from 2'-hydroxyacetophenone Based Schiff base: (A-Review)	Gupta, Pallavee; Dwivedi, Dhananjay; Chourey, Vijay R.	ORIENTAL JOURNAL OF CHEMISTRY	2021	37	1	25	10.13005/ojc/370102	2	0.67	0	0	0	0	0	1	1

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Co ²⁺ Substituted Spinel MgCuZn Ferrimagnetic Oxide: A Highly Versatile Electromagnetic Material via a Facile Molten Salt Route	Thorat, Lankeshwar M.; Nadargi, Digambar Y.; Tamboli, Mohaseen S.; Al-Enizi, Abdullah M.; Kambale, Rahul C.; Shaikh, Shoyebmohamad F.; Suryavanshi, Shard S.; Ubaidullah, Mohd; Nafady, Ayman; Al-Abdrabalnabia, Mohammed A.	NANOMATERIALS	2020	10	12		10.3390/nano10122333	2	0.5	0	0	0	0	0	0	2
Artificial Bee Colony-Based Approach for Privacy Preservation of Medical Data	Mewada, Shival; Gautam, Sita Sharan; Sharma, Pradeep	INTERNATIONAL JOURNAL OF INFORMATION SYSTEM MODELING AND DESIGN	2020	11	3	22	10.4018/IJISMD.2020070102	2	0.5	0	0	0	0	1	1	0
Classification of complex environments using pixel level fusion of satellite data	Vibhute, Amol D.; Kale, Karbhari, V; Gaikwad, Sandeep, V; Dhumal, Rajesh K.; Nagne, Ajay D.; Varpe, Amarsingh B.; Nalawade, Dhananjay B.; Mehrotra, Suresh C.	MULTIMEDIA TOOLS AND APPLICATIONS	2020	79	47-48	34737	10.1007/s11042-020-08978-4	2	0.5	0	0	0	0	1	1	0
Temperature-dependent transport properties of a FeTe compound	Lodhi, Pavitra Devi; Kaurav, Netram; Choudhary, K. K.; Kuo, Y. K.	BULLETIN OF MATERIALS SCIENCE	2019	42	6		10.1007/s12034-019-1953-7	2	0.4	0	0	0	0	1	1	0
Efficiency of Solar Cells Based on Natural Dyes with Plasmonic Nanoparticle-Based Photo Anode	Sahu, Kirti; Dhonde, Mahesh; Murty, V. V. S.	INTERNATIONAL JOURNAL OF NANOSCIENCE	2019	18	6		10.1142/S0219581X18500424	2	0.4	0	0	0	0	0	1	1
Facile synthesis of Cu/N co-doped TiO ₂ nanoparticles and their optical and electrical properties	Dhonde, M.; Dhonde, K. Sahu; Purohit, K.; Murty, V. V. S.	INDIAN JOURNAL OF PHYSICS	2019	93	1	27	10.1007/s12648-018-1275-4	2	0.4	0	0	0	0	1	0	1

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Structural And Photoluminescent Studies Of SrAl ₂ O ₄ : Dy ³⁺ , Ce ³⁺ Phosphors	Neema, Riya; Saleem, M.; Sharma, P. K.; Mittal, M.	PROF. DINESH VARSHNEY MEMORIAL NATIONAL CONFERENCE ON PHYSICS AND CHEMISTRY OF MATERIALS (NCPCM 2018)	2019	2100			10.1063/1.5098743	2	0.4	0	0	0	1	0	1	0
Enhancement in specific heat by nanocrystallization: Softening of phonon frequencies mechanism	Choudhary, K. K.; Mishra, Dron; Sharma, Uttam; Kaurav, N.	INTERNATIONAL JOURNAL OF MODERN PHYSICS B	2018	32	3		10.1142/S0217979218500273	2	0.33	0	0	0	0	0	2	0
Size Effect on Thermoelectric Properties of Bi ₂ Te ₃ Nanoparticles	Choudhary, K. K.; Sharma, Uttam; Lodhi, Pavitra Devi; Kaurav, Netram	2ND INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND APPLIED PHYSICS (ICC-2017)	2018	1953			10.1063/1.5032610	2	0.33	0	0	0	0	0	1	1
B1 to B2 Structural Phase Transition in LiF Under Pressure	Jain, Aayushi; Dixit, R. C.	2ND INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND APPLIED PHYSICS (ICC-2017)	2018	1953			10.1063/1.5032633	2	0.33	0	0	0	1	1	0	0
Assessment of Agricultural Water Quality of Shallow Groundwater Between Budhni and Chaurasakheti, North of River Narmada, District Sehore, Madhya Pradesh, India	Sharma, Sunil Kumar; Yadav, Shalini; Parashar, V. K.; Dubey, Pramod	ENVIRONMENTAL POLLUTION	2018	77		403	10.1007/978-981-10-5792-2_32	2	0.33	0	1	0	0	0	0	1
Preparation and Characterization of Double Perovskite La ₂ CoTiO ₆	Solanki, Neha; Choudhary, K. K.; Kaurav, Netram	62ND DAE SOLID STATE PHYSICS SYMPOSIUM	2018	1942			10.1063/1.5029184	2	0.33	0	0	0	0	1	1	0

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Pressure Induced Structural Phase Transition in Metal Nitrides: An Effective Interionic Potential Calculations	Soni, Shubhangi; Choudhary, K. K.; Kaurav, Netram	2ND INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND APPLIED PHYSICS (ICC-2017)	2018	1953			10.1063/1.5032631	2	0.33	0	0	1	1	0	0	0
Study of synthesis and optical properties of Cu nanoparticles	Singh, Jaiveer; Lodhi, Pavitra Devi; Choudhary, K. K.; Kaurav, Netram	FRONTIERS OF PHYSICS AND PLASMA SCIENCE	2017	836			10.1088/1742-6596/836/1/012032	2	0.29	0	0	0	1	1	0	0
Multifunctional polyoxotungstocobaltate anchored fern-leaf like BiVO4 microstructures for enhanced photocatalytic and supercapacitive performance	Mali, Gopal; Walekar, Laxman; Kolhe, Nagesh; Kadam, Abhijit N.; Kore, Rohan; Mhamane, Dattakumar; Parbat, Harichandra; Lee, Sang-Wha; Lokhande, Balkrishna; Patil, Vaishali; Gokavi, Gavisiddapa; Mali, Mukund	COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS	2023	662			10.1016/j.colsurfa.2023.130974	1	1	0	0	0	0	0	0	1
A binder-free facile synthetic approach for amorphous, hydrous nickel copper phosphate thin film electrode preparation and its application as a highly stable cathode for hybrid asymmetric supercapacitors	Pujari, Sachin S.; Kadam, Sujit A.; Ma, Yuan-Ron; Jadhav, Satish B.; Kumbhar, Sambhaji S.; Bhosale, Shraddha B.; Patil, Vinod V.; Gunjekar, Jayavant L.; Lokhande, Chandrakant D.; Patil, Umakant M.	SUSTAINABLE ENERGY & FUELS	2022	6	24	5608	10.1039/d2se00978a	1	0.5	0	0	0	0	0	0	1
Structural, electrical and magnetic properties of (Cu/Co)Fe2O4 spinel ferrite materials	Patil, Kaliram; Saleem, M.; Phadke, S.; Mishra, A.	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2022	128	11		10.1007/s00339-022-06149-w	1	0.5	0	0	0	0	0	0	1

Title	Authors	Source Title	Publication Year	Volume	Issue	Beginning Page	DOI	Total Citations	Average per Year	2017	2018	2019	2020	2021	2022	2023
Hydrous and Amorphous Cobalt Phosphate Thin-Film Electrodes Synthesized by the SILAR Method for High-Performing Flexible Hybrid Energy Storage Devices	Patil, Vinod V.; Pujari, Sachin S.; Bhosale, Shraddha B.; Kumbhar, Sambhaji S.; Parale, Vinayak G.; Gunjekar, Jayavant L.; Park, Hyung-Ho; Lokhande, Chandrakant D.; Mali, Mukund G.; Mhamane, Dattakumar S.; Patil, Umakant M.	ENERGY & FUELS	2022	36	20	12791	10.1021/acs.energyfuels.2c02202	1	0.5	0	0	0	0	0	0	1
Extraction of Th(IV) and U(VI) with 4-methyl-N-n-octylaniline as an extracting agent	More, Prajakta S.; Barache, Umesh B.; Gaikwad, Shashikant H.; Gavali, Laxman, V	JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY	2022	331	10	4149	10.1007/s10967-022-08471-2	1	0.5	0	0	0	0	0	0	1
A Green Chemosensing Approach for Direct and Liquid-liquid Extractive Spectrophotometric Determination of Platinum	Gaikwad, Shashikant H.; Barache, Umesh B.; Kamble, Ganesh S.; Anuse, Mansing A.	JOURNAL OF ANALYTICAL CHEMISTRY	2022	77	9	1119	10.1134/S106193482209012X	1	0.5	0	0	0	0	0	0	1
Fabrication of ternary polyvinyl alcohol/tetraethyl orthosilicate/silicotungstic acid hybrid membranes for pervaporation dehydration of alcohol	Mali, Mukund; Walekar, Laxman; Mhamane, Dattakumar; Mali, Gopal; Pawar, Samadhan; Patil, Vaishali; Parbat, Harichandra; Gokavi, Gavisiddappa	COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS	2022	652			10.1016/j.col surfa.2022.129741	1	0.5	0	0	0	0	0	1	0
Structural and optical properties of PPO/PVP blended polymer film	Harinkhere, Disha; Karma, Nikita; Choudhary, K. K.; Kaurav, Netram	MATERIALS TODAY-PROCEEDINGS	2022	54		620	10.1016/j.matpr.2021.10.206	1	0.5	0	0	0	0	0	0	1

Title	Authors	Source Title	Publication Year	Volume	Issue	Beginning Page	DOI	Total Citations	Average per Year	2017	2018	2019	2020	2021	2022	2023
Preparation and characterization of membranes supports for filtration application	Harinkhere, Disha; Kaurav, Netram; Okram, G. S.	MATERIALS TODAY-PROCEEDINGS	2022	54		937	10.1016/j.matpr.2021.10.508	1	0.5	0	0	0	0	0	1	0
Investigation of structural, optical and electrical properties of Barium (Ba ²⁺)- and Strontium (Sr ²⁺)-doped Bi _{0.9} La _{0.1} FeO ₃ ceramics	Karma, Nikita; Saleem, M.; Kaurav, Netram; Dager, H. S.	INTERNATIONAL JOURNAL OF MODERN PHYSICS B	2021	35	31		10.1142/S0217979221503124	1	0.33	0	0	0	0	0	1	0
Processable poly(ether ether ketone imide)s	Tamboli, Aslam B.; Ghodke, Shivaji D.; Diwate, Arati, V; Joshi, Makrand D.; Ubale, Vijay P.; Maldar, Noormahmad N.	HIGH PERFORMANCE POLYMERS	2022	34	2	242	10.1177/09540083211055044	1	0.33	0	0	0	0	0	1	0
Synthesis and characterization of organosoluble thermally stable polyamides containing spacer methylene linkage and bulky tetraphenylfuran moiety	Patil, Yuvraj; Mahindrakar, Jagdish; Ankushrao, Sanjay; Dhokale, Ramdas; Ubale, Vijay; Ghanwat, Anil	INTERNATIONAL JOURNAL OF POLYMER ANALYSIS AND CHARACTERIZATION	2021	26	8	707	10.1080/1023666X.2021.1971835	1	0.33	0	0	0	0	1	0	0
Data Mining-Based Privacy Preservation Technique for Medical Dataset Over Horizontal Partitioned	Mewada, Shivalal	INTERNATIONAL JOURNAL OF E-HEALTH AND MEDICAL COMMUNICATIONS	2021	12	5	50	10.4018/IJEHMC.20210901.oa4	1	0.33	0	0	0	0	0	0	1
Response Curve Modeling of Chemiresistive Gas Sensors by Modified Gompertz Functions	Tang, Guanlin; Navale, Sachin; Yang, Pianpian; Patil, Vikas; Stadler, Florian	IEEE SENSORS JOURNAL	2021	21	15	16754	10.1109/JSEN.2021.3080595	1	0.33	0	0	0	0	0	1	0
A-site substituted BiFeO ₃ ceramics: A study of structural and electrical properties	Karma, Nikita; Saleem, M.; Karil, Poornima; Kaurav, N.; Dager, H. S.	MATERIALS TODAY-PROCEEDINGS	2021	46		2335	10.1016/j.matpr.2021.04.418	1	0.33	0	0	0	0	0	1	0

Title	Authors	Source Title	Publication Year	Volume	Issue	Beginning Page	DOI	Total Citations	Average per Year	2017	2018	2019	2020	2021	2022	2023
Increased oxidative stress and mitochondrial impairments associated with increased expression of TNF-alpha and caspase-3 in palmitic acid-induced lipotoxicity in myoblasts	Mansuri, Mohammad Lukman; Sharma, Garima; Parihar, Priyanka; Dube, Kirti Tiwari; Sharma, Tejasweta; Parihar, Arti; Parihar, Mordhwaj Singh	JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY	2021	35	5		10.1002/jbt.22744	1	0.33	0	0	0	0	1	0	0
Bismuth Doped La2CoMnO6: A Study of Williamson-Hall Analysis And Four-Probe Resistivity Measurement	Bajpai, N.; Saleem, M.; Tiwari, S.; Soni, M.; Mishra, A.	3RD INTERNATIONAL CONFERENCE ON CONDENSED MATTER & APPLIED PHYSICS (ICC-2019)	2020	2220			10.1063/5.0002707	1	0.25	0	0	0	0	1	0	0
Structural and energy bandgap modification of chemically synthesized Cd (Zn, Cu)Se thin films	Chavan, G. T.; Kamble, S. S.; Sabah, F. A.; Prakshale, V. M.; Yadav, A. T.; Chaure, N. B.; Cho, Eun-Chel; Yi, Junsin; Deshmukh, L. P.	CHEMICAL PHYSICS LETTERS	2020	739			10.1016/j.cplett.2019.136990	1	0.25	0	0	0	0	0	1	0
Influence Of Transition Metal Doping On The Structural And Transport Properties Of LaCoO3 Cobaltite	Tiwari, Shivendra; Saleem, M.; Bajpai, N.; Soni, M.; Mishra, A.	3RD INTERNATIONAL CONFERENCE ON CONDENSED MATTER & APPLIED PHYSICS (ICC-2019)	2020	2220			10.1063/5.0002710	1	0.25	0	0	0	0	1	0	0
NONLINEAR MIXED FRACTIONAL INTEGRODIFFERENTIAL INCLUSION WITH FOUR-POINT NONLOCAL RIEMANN-LIOUVILLE INTEGRAL BOUNDARY CONDITIONS	Kharat, V. V.; Dhaigude, D. B.; Hasabe, D. R.	INDIAN JOURNAL OF PURE & APPLIED MATHEMATICS	2019	50	4	937	10.1007/s13226-019-0365-0	1	0.2	0	0	0	0	0	1	0
Structural and Photoluminescent Studies of Eu3+-Doped Sr2SiO4 Phosphor	Somani, M.; Saleem, M.; Mittal, M.; Sharma, P. K.	INDIAN JOURNAL OF PHYSICS	2020	94	10	1537	10.1007/s12648-019-01599-0	1	0.2	0	0	0	0	1	0	0

Title	Authors	Source Title	Publication Year	Volume	Issue	Beginning Page	DOI	Total Citations	Average per Year	2017	2018	2019	2020	2021	2022	2023
Threshold Field for Nonlinear Power Absorption in Mg Doped LiNbO3 Crystals	Kharat, Revel Singh; Sisodia, Namita; Dager, H. S.	PROF. DINESH VARSHNEY MEMORIAL NATIONAL CONFERENCE ON PHYSICS AND CHEMISTRY OF MATERIALS (NCPCM 2018)	2019	2100			10.1063/1.5098632	1	0.2	0	0	0	1	0	0	0
XRD and FTIR Studies of Zinc Doped Nickel Oxide Compounds	Parwani, Suraj; Dubey, Paras; Dixit, R. C.; Kaurav, Netram	PROF. DINESH VARSHNEY MEMORIAL NATIONAL CONFERENCE ON PHYSICS AND CHEMISTRY OF MATERIALS (NCPCM 2018)	2019	2100			10.1063/1.5098646	1	0.2	0	0	0	0	1	0	0
Synthesis, Characterization, XRD And EXAFS Studies Of Fe(III) Complexes	Shukla, Kritika; Mishra, Ashutosh; Sharma, Pradeep	PROF. DINESH VARSHNEY MEMORIAL NATIONAL CONFERENCE ON PHYSICS AND CHEMISTRY OF MATERIALS (NCPCM 2018)	2019	2100			10.1063/1.5098717	1	0.2	0	0	0	0	0	1	0
Structural and Optical Properties of La2NiTiO6 Double Pervoskite	Sirothiya, Devesh M.; Solanki, Neha; Kaurav, Netram; Mishra, Ashutosh	PROF. DINESH VARSHNEY MEMORIAL NATIONAL CONFERENCE ON PHYSICS AND CHEMISTRY OF MATERIALS (NCPCM 2018)	2019	2100			10.1063/1.5098693	1	0.2	0	0	0	0	0	0	1
Synthesis, Structure And Thermoluminescence Studies On Dy3+ Doped Sr2SiO4 Phosphor	Somani, Monika; Saleem, M.; Mittal, M.; Sharma, P. K.	DAE SOLID STATE PHYSICS SYMPOSIUM 2018	2019	2115			10.1063/1.5113394	1	0.2	0	0	0	1	0	0	0

Title	Authors	Source Title	Publication Year	Volume	Issue	Beginning Page	DOI	Total Citations	Average per Year	2017	2018	2019	2020	2021	2022	2023
Seebeck Coefficient Measurement and Its Narrow Band Model Interpretation in FeTe _{0.5} Se _{0.5} Superconductor	Lodhi, Pavitra Devi; Kaurav, Netram; Choudhary, K. K.; Kuo, Y. K.	JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM	2018	31	9	2671	10.1007/s10948-018-4764-y	1	0.17	0	0	1	0	0	0	0
Raman Analysis of Non Stoichiometric Ni _{1-delta} O	Dubey, Paras; Choudhary, K. K.; Kaurav, Netram	62ND DAE SOLID STATE PHYSICS SYMPOSIUM	2018	1942			10.1063/1.5029203	1	0.17	0	0	0	0	1	0	0
nNano Sized La ₂ Co ₂ O ₆ Double Perovskite Synthesized by Sol Gel Method	Solanki, Neha; Lodhi, Pavitra Devi; Choudhary, K. K.; Kaurav, Netram	2ND INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND APPLIED PHYSICS (ICC-2017)	2018	1953			10.1063/1.5032461	1	0.17	0	0	0	0	0	1	0
Raman and X-ray diffraction studies of superconducting FeTe _{1-x} Sex compounds	Lodhi, Pavitra Devi; Awana, V. P. S.; Kaurav, Netram	FRONTIERS OF PHYSICS AND PLASMA SCIENCE	2017	836			10.1088/1742-6596/836/1/012046	1	0.14	0	0	0	0	0	1	0
Synthesis And Characterization Of Co Nanoparticles	Singh, J.; Tripathi, J.; Kaurav, N.	61ST DAE-SOLID STATE PHYSICS SYMPOSIUM	2017	1832			10.1063/1.4980316	1	0.14	0	0	0	0	1	0	0
Valproic acid drug detection study through the pure and doped zinc oxide nanoclusters in gas and solvent phase: Density functional theory and thermodynamic study	Alghamdi, Mohammed I.; Mansuri, Nasrin; Abdulbaqi, Mustafa R.; Alwaily, Enas R.; Anupong, Wongchai; Althomali, Raed H.; Majdi, Hasan Sh.; Abosaooodah, Munther; Alshetaili, Abdullah; Solanki, Reena	INORGANIC CHEMISTRY COMMUNICATIONS	2023	153			10.1016/j.inoche.2023.110788	0	0	0	0	0	0	0	0	0
Dapsone-Loaded Mixed Micellar Gel for Treatment OF Acne Vulgaris	Rao, Monica R. P.; Deshpande, Sushant; Deshpande, Padmanabh	AAPS PHARMSCITECH	2023	24	5		10.1208/s12249-023-02564-1	0	0	0	0	0	0	0	0	0

Title	Authors	Source Title	Publication Year	Volume	Issue	Beginning Page	DOI	Total Citations	Average per Year	2017	2018	2019	2020	2021	2022	2023
Marine debris detection using a multi-feature pyramid network	Gupta, Swamita; Khurana, Yash; Atrey, Jonathan; Gupta, Swagata; Krishnamoorthy, Parthiban	REMOTE SENSING LETTERS	2023				10.1080/2150704X.2023.2183480	0	0	0	0	0	0	0	0	0
Electrospun Fabric Tin Oxide 1-D Nanofibers: Approach Towards Flexible Electrode for Supercapacitor Application	Molane, Avinash C.; Gavande, Shivani S.; Nimbalkar, Tanaji M.; Salunkhe, Amol S.; More, Pravin D.; Patil, Vikas B.	CHEMISTRYSELECT	2023	8	13		10.1002/slct.202205042	0	0	0	0	0	0	0	0	0
Facile synthesis of indium doped CdSe thin films: microstructural and optoelectronic characteristics	Chavan, G. T.; Pawar, S. T.; Fugare, B. Y.; Kamble, S. S.; Pingale, P. C.; Kumar, Yedluri Anil; Sikora, A.; Al-Kahtani, Abdullah A.; Jeon, Chan-Wook	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2023	34	10		10.1007/s10854-023-10278-0	0	0	0	0	0	0	0	0	0
Effect of titanium dioxide nanoparticles on polyvinyl alcohol/polyvinyl pyrrolidone composite membranes	Harinkhere, Disha; Okram, G. S.; Kaurav, Netram	BULLETIN OF MATERIALS SCIENCE	2023	46	2		10.1007/s12034-023-02909-3	0	0	0	0	0	0	0	0	0
On periodic growth and shrinkage of glaciers in the Warwan sub-basin, western Himalaya, between 1990 and 2020	Garg, Purushottam Kumar; Malviya, Apoorva; Shukla, Aparna; Garg, Siddhi; Singh, Nilendu	ENVIRONMENTAL MONITORING AND ASSESSMENT	2023	195	3		10.1007/s10661-023-10958-8	0	0	0	0	0	0	0	0	0
Qualitative study of structural phase transition in nickel doped La ₂ CoTi(1-x)Ni _x O ₆ double perovskite	Solanki, Neha; Choudhary, R. J.; Kaurav, Netram	JOURNAL OF ALLOYS AND COMPOUNDS	2023	943			10.1016/j.jallcom.2023.169126	0	0	0	0	0	0	0	0	0

Title	Authors	Source Title	Publication Year	Volume	Issue	Beginning Page	DOI	Total Citations	Average per Year	2017	2018	2019	2020	2021	2022	2023
Applications of Phenyliodine(III)diacetate in C-H Functionalization and Hetero-Hetero Bond Formations: A Septennial Update	Vittal, Seema; Mujahid Alam, Mohammed; Hussien, Mohamed; Amanullah, Mohammed; Pisal, Parshuram M.; Ravi, Varala	CHEMISTRYSELECT	2023	8	1		10.1002/slct.202204240	0	0	0	0	0	0	0	0	0
Adsorption of Crystal violet dye from aqueous solution by activated sewage treatment plant sludge	Shrivastava, Priyanka; Dwivedi, M. K.; Malviya, Vibha; Jain, Payal; Yadav, Anjali; Jain, Neeraj	DESALINATION AND WATER TREATMENT	2023	283		222	10.5004/dwt.2023.29210	0	0	0	0	0	0	0	0	0
Evaluation of structural and multifunctional properties of BaTiO ₃ -NiFe ₂ -xSmxO ₄ ceramic composites	Khan, Mehjabeen; Shukla, Jyoti; Saxena, Pallavi; Mishra, Ashutosh; Sharma, Pradeep	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2022	128	12		10.1007/s00339-022-06233-1	0	0	0	0	0	0	0	0	0
REMOVAL OF CRYSTAL VIOLET DYE FROM WASTEWATER USING SLUDGE FROM TREATMENT PLANT: EQUILIBRIUM AND KINETICS STUDIES	Malviya, Vibha; Shrivastava, Priyanka; Dwivedi, Mithalesh Kumar; Jain, Neeraj	ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL	2022	21	12	2073		0	0	0	0	0	0	0	0	0
A Study of Structural, Electrical, and Magnetic Properties of (1-x) Bi _{0.9} La _{0.05} Sr _{0.05} FeO ₃ - (x) BaTi _{0.8} Zr _{0.2} O ₃ [x=0.05, 0.1, and 0.15] Composite Systems	Karma, Nikita; Saleem, M.; Kaurav, Netram; Dager, H. S.	JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM	2022	35	12	3635	10.1007/s10948-022-06413-3	0	0	0	0	0	0	0	0	0

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Effect of embedding aluminium and yttrium on the magneto-optic properties of lanthanum spinet ferrite nanoparticles synthesised for photocatalytic degradation of methyl red	Kazi, Subiya K.; Tigote, Radhakrishnan M.; Gaikwad, Vandana A.; Kamble, Dhanraj P.; Bhale, Pravin S.; Shringare, Sadanand N.; Musrif, Pramod G.; Inamdar, Shaukatali N.	JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY	2022	104	2	354	10.1007/s10971-022-05951-5	0	0	0	0	0	0	0	0	0
Spray Synthesized Mn-doped CuO Electrodes for High Performance Supercapacitor	More, Pravin; Kadam, Sujit A.; Ma, Yuan-Ron; Chen, Yan-Ruei; Tarwal, Nilesh; Navale, Yuvraj; Salunkhe, Amol; Patil, Vikas	CHEMISTRYSELECT	2022	7	37		10.1002/slct.202202504	0	0	0	0	0	0	0	0	0
In Vitro Anticancer Screening, Molecular Docking and Antimicrobial Studies of Triazole-Based Nickel(II) Metal Complexes	Deodware, Sachin A.; Barache, Umesh B.; Dhale, Pratibha C.; Gaikwad, Kundalkesha D.; Shivamallu, Chandan; Ubale, Panchsheela A.; Shati, Ali A.; Alfaifi, Mohammad Y.; Elbehairi, Serag Eldin, I; Achar, Raghu Ram; Silina, Ekaterina; Stupin, Victor; Frau, Juan; Flores-Holguin, Norma; Gaikwad, Shashikant H.; Kollur, Shiva Prasad; Glossman-Mitnik, Daniel	MOLECULES	2022	27	19		10.3390/molecules27196548	0	0	0	0	0	0	0	0	0

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Study of Zn(II)-salicylidene-4-(p-chlorophenyl)-2-aminothiazole Complex by Polarographic Method with Its Antibacterial activity	Solanki, Manohar; Gautam, Mangla Dave; Chourey, Vijay R.	ORIENTAL JOURNAL OF CHEMISTRY	2022	38	5	1255	10.13005/ojc/380522	0	0	0	0	0	0	0	0	0
Investigation of optical, dielectric, and multiferroic properties of (1-x) Bi _{0.9} La _{0.1} FeO ₃ (x) BaTiO ₃ composites	Karma, Nikita; Saleem, M.; Kaurav, Netram; Dager, H. S.	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2022	33	29	22986	10.1007/s10854-022-09067-y	0	0	0	0	0	0	0	0	0
Phonon Scattering Mechanism for Size-Dependent Thermoelectric Properties of Bi ₂ Te ₃ Nanoparticles	Choudhary, Kamal Kumar; Rathore, Vinod; Dixit, Ramesh Chandra; Kaurav, Netram	CHEMISTRYSELECT	2022	7	34		10.1002/slct.202202503	0	0	0	0	0	0	0	0	0
Utility of Umbilical Cord Blood Culture in the Diagnosis of Early Onset Sepsis: A Cross-sectional Study	Mulay, Sujit; Chatterjee, Rajib; Holkar, Rahul; Bhalerao, Deepika	JOURNAL OF CLINICAL AND DIAGNOSTIC RESEARCH	2022	16	9	SC1	10.7860/JCDR/2022/56937.16829	0	0	0	0	0	0	0	0	0
Gas permeation properties of nickel nanoparticle-embedded PPO/PVP polymers based carbon membrane	Harinkhere, Disha; Kaurav, Netram	MATERIALS TODAY-PROCEEDINGS	2022	65		3902	10.1016/j.matpr.2022.07.195	0	0	0	0	0	0	0	0	0
A Novel Class of Pyrazoline Analogue of Combretastatin-A4 (CA-4): Synthesis Characterization and in-vitro Biological Testing	Shringare, Sadanand N.; Bhale, Pravin S.; Chavan, Hemant, V; Hundekari, Purva L.; Kulkarni, Makarand A.	CROATICA CHEMICA ACTA	2022	94	4	191	10.5562/cca3859	0	0	0	0	0	0	0	0	0
Size effect on optical conductivity of Bi ₂ Te ₃ nanoparticles due to softening of phonon frequencies	Choudhary, K. K.; Rathore, Vinod; Dixit, R. C.	MATERIALS TODAY-PROCEEDINGS	2022	54		933	10.1016/j.matpr.2021.11.257	0	0	0	0	0	0	0	0	0
Study of structural phase transition and elastic properties of ZnTe semiconducting compound under high pressure	Karil, Poornima; Karma, Nikita; Dager, H. S.; Kaurav, Netram	MATERIALS TODAY-PROCEEDINGS	2022	54		782	10.1016/j.matpr.2021.11.081	0	0	0	0	0	0	0	0	0

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Synthesis and characterization of La substituted BiFeO ₃ - BaTiO ₃ composites to emphasize on their various physical properties	Karma, Nikita; Saleem, M.; Karil, Poornima; Kaurav, Netram; Dager, H. S.	MATERIALS TODAY-PROCEEDINGS	2022	54		758	10.1016/j.matpr.2021.11.072	0	0	0	0	0	0	0	0	0
Theoretical studies of pressure induced structural phase transformation and elastic properties in nickel silicide	Malviya, Sheetal; Dixit, R. C.; Choudhary, K. K.; Kaurav, Netram	MATERIALS TODAY-PROCEEDINGS	2022	54		904	10.1016/j.matpr.2021.11.218	0	0	0	0	0	0	0	0	0
Investigation of heat capacity in Nb doped nickel oxide	Parwani, Suraj; Dixit, R. C.; Choudhary, K. K.; Kaurav, Netram	MATERIALS TODAY-PROCEEDINGS	2022	54		901	10.1016/j.matpr.2021.11.216	0	0	0	0	0	0	0	0	0
Synthesis and characterization of zirconia nanocrystalline powder by thermal treatment method	Soni, Dimple; Singh, Jaiveer; Kaurav, Netram; Tripathi, Jitendra; Sharma, Anupam	MATERIALS TODAY-PROCEEDINGS	2022	54		908	10.1016/j.matpr.2021.11.219	0	0	0	0	0	0	0	0	0
Graphene-tethered 5-fluorouracil-loaded ZnO nanocomposites for pH-responsive enhanced efficacy in drug delivery on MCF-7 cells	Sawant, V. J.; Tawade, B., V; Desai, V. M.; Dongare, B. B.; Nipane, S., V	PROGRESS IN BIOMATERIALS	2022	11	2	193	10.1007/s40204-022-00184-9	0	0	0	0	0	0	0	0	0
Responses of soil organic carbon, aggregate diameters, and hydraulic properties to long-term organic and conventional farming on a Vertisol in India	Schweizer, Steffen A.; Graf-Rosenfellner, Markus; Bhat, Nisar A.; Kayser, Gilles; Sisodia, Bhupendra S.; Kirchhof, Gunnar; Zikeli, Sabine; Cadisch, Georg; Bhullar, Gurbir S.	LAND DEGRADATION & DEVELOPMENT	2022	33	5	785	10.1002/ldr.4216	0	0	0	0	0	0	0	0	0
Zooplanktons As Bioindicators Of Water Pollution From Vikram Tearth Sarovar Ujjain (M.P)	Rashid, Haroon; Prakash, M. M.	JOURNAL OF PHARMACEUTICAL NEGATIVE RESULTS	2022	13		888	10.47750/pnr.2022.13.S05.140	0	0	0	0	0	0	0	0	0

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A Novel Method for the Syntheses of Imidazo-Thiadiazoles as Potential Antioxidants and Anti-Inflammatory Agents	Raut, Dattatraya G.; Bhosale, Raghunath B.; Lawand, Anjana S.; Hublikar, Mahesh G.; Kadu, Vikas D.; Patil, Sandeep B.	RECENT ADVANCES IN INFLAMMATION & ALLERGY DRUG DISCOVERY	2022	16	1	19	10.2174/2772270816666220410130059	0	0	0	0	0	0	0	0	0
Syntheses, Molecular Docking and Biological Evaluation of 2-(2-hydrazinyl)thiazoles as Potential Antioxidant, Anti-Inflammatory and Significant Anticancer Agents	Raut, Dattatraya G. G.; Bhosale, Raghunath B. B.; Lawand, Anjana S. S.; Hublikar, Mahesh G. G.; Kadu, Vikas D. D.; Patil, Sandeep B. B.; Choudhari, Prafulla B. B.	RECENT ADVANCES IN INFLAMMATION & ALLERGY DRUG DISCOVERY	2022	16	2	96	10.2174/2772270816666220902094019	0	0	0	0	0	0	0	0	0
Improved natural convection in a vertical cylinder using smart fluid for solar heating and off-place cooking applications	Purohit, Khushboo; Dhonde, Mahesh; Sahu, Kirti; Murty, V. V. S.	EMERGENT MATERIALS	2022	5	4	1055	10.1007/s42247-021-00267-6	0	0	0	0	0	0	0	0	0
Synthesis and characterization of soluble and heat-resistant aromatic polyamides derived from diamine; N-(3,5-diaminophenyl)-4-(naphthalen-7-yloxy)benzamide and various aromatic diacids	Ghodke, Shivaji. D.; Tamboli, Aslam B.; Diwate, Arati V.; Gurame, Mahesh B.; Ubale, Vijay P.; Bhorkade, Rajesh G.; Maldar, Noormahmad N.	JOURNAL OF MACROMOLECULAR SCIENCE PART A- PURE AND APPLIED CHEMISTRY	2021	58	10	677	10.1080/10601325.2021.1922084	0	0	0	0	0	0	0	0	0
Metal-free oxidative coupling of arylmethylamines with indoles: a simple, environmentally benign approach for the synthesis of 3,3'-bis(indolyl)methanes (vol 10, pg 23254, 2020)	Kadu, Vikas D.; Chandrudu, Sankala Naga; Hublikar, Mahesh G.; Raut, Dattatraya G.; Bhosale, Raghunath B.	RSC ADVANCES	2021	11	23	14260	10.1039/d1ra90099d	0	0	0	0	0	0	0	0	0

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Synthesis, Spectroscopic Characterization, and XAFS Studies of Cu(II) Complexes with Bidentate Schiff Bases Derived from 2-Hydroxy-1-Naphthaldehyde	Shukla, Kritika; Sharma, Pradeep; Mishra, Ashutosh	RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY A	2021	95	SUPPL 1	S128	10.1134/S0036024421140211	0	0	0	0	0	0	0	0	0
Effect of soluble silica fertiliser on total sugar, protein, starch content along with amylase and cellulase activity in banana	Rangwala, Tasneem; Bafna, Angurbala; Vyas, Nagesh; Gupta, Rohan	PLANT SCIENCE TODAY	2021	8	2	283	10.14719/pst.2021.8.2.1032	0	0	0	0	0	0	0	0	0
Comparative Analysis of Electrodeposited Cobalt oxide Thin Films by Chronoamperometry and Chronopotentiometry Modes for Supercapacitor Application	Gavande, S. S.; Salunkhe, A. S.; Navale, Y. H.; Gavande, Shivani; Kulkarni, P. S.; Karche, B. R.	DAE SOLID STATE PHYSICS SYMPOSIUM 2019	2020	2265			10.1063/5.0017211	0	0	0	0	0	0	0	0	0
High pressure structural phase transition and elastic properties of ZnSexTe1-x semiconducting compounds	Verma, Saligram; Jain, Arvind; Choudhary, K. K.; Kaurav, Netram	INTERNATIONAL JOURNAL OF MODERN PHYSICS B	2019	33	22		10.1142/S0217979219502503	0	0	0	0	0	0	0	0	0
Pesticides and Their Impact on Aquatic Microorganisms	Aziz, Riyes Un; Sameena	HANDBOOK OF RESEARCH ON THE ADVERSE EFFECTS OF PESTICIDE POLLUTION IN AQUATIC ECOSYSTEMS	2019			151	10.4018/978-1-5225-6111-8.ch009	0	0	0	0	0	0	0	0	0
Effect of Sintering Temperature on the Dielectric Properties of Non-stoichiometric Nickel Oxide	Dubey, Paras; Choudhary, K. K.; Singh, Kiran; Kaurav, Netram	PROF. DINESH VARSHNEY MEMORIAL NATIONAL CONFERENCE ON PHYSICS AND CHEMISTRY OF MATERIALS (NCPCM 2018)	2019	2100			10.1063/1.5098725	0	0	0	0	0	0	0	0	0

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Structural Phase Transition in Lithium Bromide: Effect of Pressure and Temperature	Jain, Aayushi; Dixit, R. C.	PROF. DINESH VARSHNEY MEMORIAL NATIONAL CONFERENCE ON PHYSICS AND CHEMISTRY OF MATERIALS (NCPCM 2018)	2019	2100			10.1063/1.5098699	0	0	0	0	0	0	0	0	0
Pressure dependent study of phase transition and elastic constant of KCl and KBr	Jain, Aayushi; Dixit, R. C.	PROF. DINESH VARSHNEY MEMORIAL NATIONAL CONFERENCE ON PHYSICS AND CHEMISTRY OF MATERIALS (NCPCM 2018)	2019	2100			10.1063/1.5098620	0	0	0	0	0	0	0	0	0
Hindi word correction using micro-parsing	Kushwah, Kapil Kumar; Joshi, Brijendra Kumar	INTERNATIONAL JOURNAL OF ARTS AND TECHNOLOGY	2019	11	1	19	10.1504/IJART.2019.097336	0	0	0	0	0	0	0	0	0
Interpretation of Raman Modes in FeTe and FeTe _{0.9} S _{0.1} Compounds	Lodhi, Pavitra Devi; Choudhary, K. K.; Kaurav, Netram	PROF. DINESH VARSHNEY MEMORIAL NATIONAL CONFERENCE ON PHYSICS AND CHEMISTRY OF MATERIALS (NCPCM 2018)	2019	2100			10.1063/1.5098736	0	0	0	0	0	0	0	0	0
Synthesis and Characterization of ZnO Nanoparticles by Thermal Decomposition Method	Rathore, Ravi; Harinkhere, Disha; Kaurav, Netram	PROF. DINESH VARSHNEY MEMORIAL NATIONAL CONFERENCE ON PHYSICS AND CHEMISTRY OF MATERIALS (NCPCM 2018)	2019	2100			10.1063/1.5098752	0	0	0	0	0	0	0	0	0

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Theoretical Analysis of the Structural Phase Transition in Alkaline Earth Oxides	Sharma, Prerana; Verma, Saligram; Jain, Arvind; Kaurav, Netram	PROF. DINESH VARSHNEY MEMORIAL NATIONAL CONFERENCE ON PHYSICS AND CHEMISTRY OF MATERIALS (NCPCM 2018)	2019	2100			10.1063/1.5098673	0	0	0	0	0	0	0	0	0
Synthesis, Characterization and Biological Activity of Flavonoid Derivatives with Amine	Shrimal, Sheetal; Jain, Anamika	PROF. DINESH VARSHNEY MEMORIAL NATIONAL CONFERENCE ON PHYSICS AND CHEMISTRY OF MATERIALS (NCPCM 2018)	2019	2100			10.1063/1.5098617	0	0	0	0	0	0	0	0	0
A Common Fixed Point Theorem for Four Self Maps in Cone Metric Spaces	Singhal, Akash; Sharma, Rajesh Kumar; Agrawal, Anil	ADVANCES IN BASIC SCIENCES (ICABS 2019)	2019	2142			10.1063/1.5122618	0	0	0	0	0	0	0	0	0
Comparative Crystallographic Study of La ₂ NiTiO ₆ Double Pervoskite Structure using Crystallographic Software's	Sirothiya, Devesh M.; Solanki, Neha; Kaurav, Netram; Mishra, Ashutosh	PROF. DINESH VARSHNEY MEMORIAL NATIONAL CONFERENCE ON PHYSICS AND CHEMISTRY OF MATERIALS (NCPCM 2018)	2019	2100			10.1063/1.5098701	0	0	0	0	0	0	0	0	0
Structural, Vibrational And Dielectric Properties Of Sr ₂ SiO ₄ :Eu ²⁺ , Dy ³⁺	Somani, Monika; Saleem, M.; Mittal, M.; Sharma, P. K.	DAE SOLID STATE PHYSICS SYMPOSIUM 2018	2019	2115			10.1063/1.5113441	0	0	0	0	0	0	0	0	0

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Thermoluminescence Studies of Ce ³⁺ Doped Sr ₂ SiO ₄ Phosphor	Somani, Monika; Saleem, M.; Mittal, M.; Sharma, P. K.	PROF. DINESH VARSHNEY MEMORIAL NATIONAL CONFERENCE ON PHYSICS AND CHEMISTRY OF MATERIALS (NCPCM 2018)	2019	2100			10.1063/1.5098711	0	0	0	0	0	0	0	0	0
Structural Phase Transition and Elastic Properties of Molybdenum Nitride	Soni, Shubhangi; Kinge, R.; Choudhary, K. K.; Kaurav, Netram	PROF. DINESH VARSHNEY MEMORIAL NATIONAL CONFERENCE ON PHYSICS AND CHEMISTRY OF MATERIALS (NCPCM 2018)	2019	2100			10.1063/1.5098636	0	0	0	0	0	0	0	0	0
Structural Phase Transition and Elastic Behavior of WN	Soni, Shubhangi; Azad, Mumtaz; Choudhary, K. K.; Kaurav, Netram	PROF. DINESH VARSHNEY MEMORIAL NATIONAL CONFERENCE ON PHYSICS AND CHEMISTRY OF MATERIALS (NCPCM 2018)	2019	2100			10.1063/1.5098639	0	0	0	0	0	0	0	0	0
Polarographic Determination of Stability Constant of Zn (II) Complexes with Antibiotics - Clindamycin Complexes in Aqueous Medium	Tantuvay, Laxmi	PROF. DINESH VARSHNEY MEMORIAL NATIONAL CONFERENCE ON PHYSICS AND CHEMISTRY OF MATERIALS (NCPCM 2018)	2019	2100			10.1063/1.5098733	0	0	0	0	0	0	0	0	0

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Theoretical Analysis of the Structural Phases of MnO Under High Pressure	Verma, Saligram; Jain, Arvind; Choudhary, K. K.; Kaurav, Netram	PROF. DINESH VARSHNEY MEMORIAL NATIONAL CONFERENCE ON PHYSICS AND CHEMISTRY OF MATERIALS (NCPCM 2018)	2019	2100			10.1063/1.5098661	0	0	0	0	0	0	0	0	0
Influence of sulfur doping on the electrical and thermal transport properties of FeTe _{1-x} S _x superconductors	Lodhi, Pavitra Devi; Kaurav, Netram; Huang, R. Y.; Kuo, Y. K.	JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS	2018	123		254	10.1016/j.jpcs.2018.08.015	0	0	0	0	0	0	0	0	0
Polaron Formation in Normal State Optical Conductivity of Iron-Based Superconductor	Choudhary, K. K.; Lodhi, Pavitra Devi; Kaurav, Netram	2ND INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND APPLIED PHYSICS (ICC-2017)	2018	1953			10.1063/1.5033065	0	0	0	0	0	0	0	0	0
Pressure Induced Structural Phase Transition from NaCl-type (B1) to CsCl-type (B2) structure in Sodium Chloride	Jain, Aayushi; Dixit, R. C.	2ND INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND APPLIED PHYSICS (ICC-2017)	2018	1953			10.1063/1.5032643	0	0	0	0	0	0	0	0	0
nTheoretical Analysis of the Structural Phase Transformation from B3 to B1 in BeO Under High Pressure	Jain, Arvind; Verma, Saligram; Nagarch, R. K.; Shah, S.; Kaurav, Netram	2ND INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND APPLIED PHYSICS (ICC-2017)	2018	1953			10.1063/1.5032635	0	0	0	0	0	0	0	0	0

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A Novel Approach to Automatic Detection of Chaupai Chhand in Hindi Poems	Joshi, Brijendra Kumar; Kushwah, Kapil Kumar	2018 INTERNATIONAL CONFERENCE ON COMPUTING, POWER AND COMMUNICATION TECHNOLOGIES (GUCON)	2018			216		0	0	0	0	0	0	0	0	0
Investigation of Transport Properties of FeTe Compound	Lodhi, Pavitra Devi; Solanki, Neha; Choudhary, K. K.; Kaurav, Netram	2ND INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND APPLIED PHYSICS (ICC-2017)	2018	1953			10.1063/1.5033096	0	0	0	0	0	0	0	0	0
Structural Stability and Mechanical Properties of Technetium Mononitride (TcN)	Soni, Shubhangi; Choudhary, K. K.; Kaurav, Netram	2ND INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND APPLIED PHYSICS (ICC-2017)	2018	1953			10.1063/1.5032630	0	0	0	0	0	0	0	0	0
Theoretical Analysis of the Structural Phase Transformation in the ZnO Under High Pressure	Verma, Saligram; Jain, Arvind; Nagarch, R. K.; Shah, S.; Kaurav, Netram	2ND INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND APPLIED PHYSICS (ICC-2017)	2018	1953			10.1063/1.5032636	0	0	0	0	0	0	0	0	0
Measuring Transpiration with a Simple Low-Cost, Single-Leaf Potometer	Pawar, Kishore	AMERICAN BIOLOGY TEACHER	2017	79	3	238	10.1525/abt.2017.79.3.238	0	0	0	0	0	0	0	0	0
Theoretical approach to predict the phase transition of NaH under pressure	Jain, Aayushi; Dixit, R. C.	FRONTIERS OF PHYSICS AND PLASMA SCIENCE	2017	836			10.1088/1742-6596/836/1/012025	0	0	0	0	0	0	0	0	0
X-ray diffraction and X-ray K absorption near edge studies of copper (II) complexes with amino acids	Sharma, P. K.; Mishra, Ashutosh; Malviya, Varsha; Kame, Rashmi; Malviya, P. K.	FRONTIERS OF PHYSICS AND PLASMA SCIENCE	2017	836			10.1088/1742-6596/836/1/012039	0	0	0	0	0	0	0	0	0

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X-ray diffraction and X-ray K-absorption studies of copper doped complex	Sharma, P. K.; Mishra, Ashutosh; Kame, Rashmi; Malviya, Varsha; Malviya, P. K.	FRONTIERS OF PHYSICS AND PLASMA SCIENCE	2017	836			10.1088/1742-6596/836/1/012042	0	0	0	0	0	0	0	0	0