



GOVERNMENT DEGREE COLLEGE, CHODAVARAM

(An ISO 9001 certified Institution & Center for Higher Learning and Leadership, since 1981)

Anakapalle District -531036, Andhra Pradesh, India

Recognized by UGC under 2(f) & (12b), Affiliated to Andhra University, VSP



3.3.1.1. Number of research papers in the Journals notified on UGC CARE list year-wise during the last five years

The following is the list of research papers published by the full-time faculty working in the institution in the Journals notified on the UGC CARE list during the last five years. **All the authors in the list are full-time faculty of the Institution during the publication. All the claimed research papers in the Journals are notified on the UGC CARE list for all years.**

S.No	Title of paper	Name of the author/s	Name of journal	Year of publication
1	Evaluation of Structural, Micro-structural, Vibrational and Elastic Properties of Ni-Cu-Zn Nanoferrites: Role of Dopant Cu ²⁺ at Constant 0.1 mol% in Ni-Zn Spinel Structure	Dr. K. Ramachandra Rao	Journal of Inorganic and Organometallic Polymers and Materials	2021
2	Influence of Ge ⁴⁺ doping on photo- and electroluminescence properties of ZnGa ₂ O ₄	Dr. K. Ramachandra Rao	Journal of Alloys and Compounds	2021
3	Photoluminescence studies of Bi ³⁺ /Dy ³⁺ co-doped LaGaO ₃ nanophosphors for display device applications	Dr. K. Ramachandra Rao	Materials Today Proceedings	2022
4	Realization of effective energy transfer and color tunability between Tb ³⁺ and Eu ³⁺ ions in LaAlO ₃ host for LED display applications	Dr. K. Ramachandra Rao	Journal of Materials Science: Materials in Electronics	2022
5	Bright Blue Emissions on UV-Excitation of LaBO ₃ (B=In, Ga, Al) Perovskite Structured Phosphors for Commercial Solid-State Lighting Applications	Dr. K. Ramachandra Rao	Chimica Techno Acta	2022
6	Tunable luminescence from Bi ³⁺ sensitized La ₂ Zr ₂ O ₇ :Eu ³⁺ red nanophosphors for display applications	Dr. K. Ramachandra Rao	Luminescence	2022
7	Increasing pre-monsoon rain days over four stations of Kerala, India	Dr. K. Ramachandra Rao	Acta Geophysica	2022
8	Structural and Morphological Studies on Strontium Tin Phosphate SrSn(PO ₄) ₂ Nanopowder	Dr. K. Ramachandra Rao	Physical Chemistry Research	2022
9	Optical and antimicrobial activity of pure and Eu doped ZnSO ₄ ·7H ₂ O single crystals	Dr. K. Ramachandra Rao	Journal of Molecular Structure	2022
10	Comparative study on photo and electroluminescence properties of Cu-doped ZnS	Dr. K. Ramachandra Rao	Physica B: Condensed Matter	2022
11	Engineered upconversion nanocarriers for synergistic breast cancer imaging and therapy: Current state of art	Dr. K. Ramachandra Rao	Journal of Controlled Release	2022
12	Effect of La-Cu co-substitution on structural, microstructural and	CH. RAMBABU	Inorganic chemistry	2022

	magnetic properties of M-type Strontium Hexaferrite		communications 134 (2021) 109053	
13	Enhanced structural and magnetic properties of Al–Cr-substituted SrFe ₁₂ O ₁₉ hexaferrite system	CH. RAMBABU	Applied Physics A (2022) 128:26	2022
14	Adsorptive removal of crystal violet from aqueous solution by ultrasonic-assisted synthesised zirconium-2,6 naphthalene dicarboxylate metal-organic framework	P. Kiran Kumar	Turkish journal of chemistry	2022


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Foreword by
Prof. Bhushan Patwardhan, former Vice Chairman,
UGC
& Chairman, UGC-CARE Empowered Committee

Notifications

UGC-CARE Public notice : 20th April 2020
UGC-CARE Public notice : December 2019
UGC-CARE Public notice : 16th September 2019
UGC-CARE Public notice : 14th June 2019
UGC-CARE Public notice : 14th January 2019
UGC-CARE Public notice : 28th November 2018

Videos

UGC - CARE - Documentary

Recent Publication

Academic Integrity and Research Quality | [PDF]

Articles

First Monday: 26,10,4th October 2021
The UGC-CARE initiative: Indian academia's quest
for research and publishing integrity
Bhushan Patwardhan and Shubhada Nagarkar

COMMENTARY: *Current Science*, 118, 12,
25th June 2020
Assessing research: the slippery slope

UGC-CARE List Group I
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UGC-CARE List Group II
Journals indexed in globally recognised
databases.

These journals are part of UGC-CARE List as
Group II and searchable through following links.

Web of Science

1. Arts & Humanities Citation Index.
2. Science Citation Index Expanded.
3. Social Sciences Citation Index.

Scopus

1. Scopus Source List

Delisted Journals from Group II

MLA

Note

Those journals from the Directory of Periodicals
by the Modern Language Association that have
qualified in accordance with UGC-CARE
protocols are included in UGC-CARE Group II.
Please note that many MLA journals are already
indexed in Scopus/ Web of Knowledge
databases, and these have not been separately

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View metrics for year: 2022

Source title ↓	CiteScore ↓	Highest percentile ↓	Citations 2019-22 ↓	Documents 2019-22 ↓	% Cited ↓
☐ 1 Journal of Inorganic and Organometallic Polymers and Materials	6.3	74% 78/306 Materials Chemistry	9,198	1,467	85

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View metrics for year: 2022

Source title ↓	CiteScore ↓	Highest percentile ↓	Citations 2019-22 ↓	Documents 2019-22 ↓	% Cited ↓
☐ 1 Journal of Alloys and Compounds	10.9	95% 32/631 Mechanical Engineering	203,670	18,726	89
☐ 2 Journal of Inorganic and Organometallic Polymers and Materials	6.3	74% 78/306 Materials Chemistry	9,198	1,467	85
☐ 3 Materials Today: Proceedings	3.2	42% 259/453 General Materials Science	80,455	24,871	66

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View metrics for year: 2022

	Source title	CiteScore	Highest percentile	Citations 2019-22	Documents 2019-22	% Cited
☐ 1	Journal of Materials Science: Materials in Electronics	4.6	64% 259/738 Electrical and Electronic Engineering	40,235	8,708	76
☐ 2	Chimica Techno Acta Open Access	0.7	12% 269/306 Materials Chemistry	108	165	35

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☐ Journals

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☐ 1	Journal of Materials Science: Materials in Electronics	4.6	64% 259/738 Electrical and Electronic Engineering	40,235	8,708	76
☐ 2	Luminescence	4.0	60% 26/64 Chemistry (miscellaneous)	2,880	720	76
☐ 3	Chimica Techno Acta Open Access	0.7	12% 269/306 Materials Chemistry	108	165	35

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☐ 3rd quartile

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Source type

☐ Journals

☐ Book Series

☐ Conference Proceedings

Search

☐ 1	Journal of Molecular Structure	6.0	76% 19/78 Inorganic Chemistry	46,017	7,633	81
☐ 2	Journal of Materials Science: Materials in Electronics	4.6	64% 259/738 Electrical and Electronic Engineering	40,235	8,708	76
☐ 3	Luminescence	4.0	60% 26/64 Chemistry (miscellaneous)	2,880	720	76
☐ 4	Acta Geophysica	3.9	68% 49/154 Geophysics	2,487	631	70
☐ 5	Physical Chemistry Research	2.5	49% 47/92 Fluid Flow and Transfer Processes	479	192	61
☐ 6	Chimica Techno Acta <i>Open Access</i>	0.7	12%	108	165	35

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Source type

☐ Journals
☐ Book Series
☐ Conference Proceedings
☐ Trade Publications

	Rank	Title	Citescore	Field of Research	Citations	Documents	Percentile
	2	Physica B: Condensed Matter	5.0	69% 226/738 Electrical and Electronic Engineering	12,408	2,473	74
	3	Journal of Materials Science: Materials in Electronics	4.6	64% 259/738 Electrical and Electronic Engineering	40,235	8,708	76
	4	Luminescence	4.0	60% 26/64 Chemistry (miscellaneous)	2,880	720	76
	5	Acta Geophysica	3.9	68% 49/154 Geophysics	2,487	631	70
	6	Physical Chemistry Research	2.5	49% 47/92 Fluid Flow and Transfer Processes	479	192	61

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Source type ☐ Journals ☐ Book Series ☐ Conference Proceedings ☐ Trade Publications

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Rank	Title	Citescore	Field of Research	Citations	Documents	h-index
3	Inorganic Chemistry Communication	4.6	66% 27/78 Inorganic Chemistry	12,146	2,624	72
4	Journal of Materials Science: Materials in Electronics	4.6	64% 259/738 Electrical and Electronic Engineering	40,235	8,708	76
5	Luminescence	4.0	60% 26/64 Chemistry (miscellaneous)	2,880	720	76
6	Acta Geophysica	3.9	68% 49/154 Geophysics	2,487	631	70
7	Physical Chemistry Research	2.5	49% 47/92 Fluid Flow and	479	192	61

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☐ Journals

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☐ 3	Applied Physics A: Materials Science and Processing	4.6	63% 149/407 General Chemistry	17,603	3,865	72
☐ 4	Inorganic Chemistry Communication	4.6	66% 27/78 Inorganic Chemistry	12,146	2,624	72
☐ 5	Journal of Materials Science: Materials in Electronics	4.6	64% 259/738 Electrical and Electronic Engineering	40,235	8,708	76
☐ 6	Luminescence	4.0	60% 26/64 Chemistry (miscellaneous)	2,880	720	76
☐ 7	Acta Geophysica	3.9	68% 49/154 Geophysics	2,487	631	70

Electrical and Electronic Engineering

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			Electrical and Electronic Engineering			
☐ 6	Luminescence	4.0	60% 26/64 Chemistry (miscellaneous)	2,880	720	76
☐ 7	Acta Geophysica	3.9	68% 49/154 Geophysics	2,487	631	70
☐ 8	Physical Chemistry Research	2.5	49% 47/92 Fluid Flow and Transfer Processes	479	192	61
☐ 9	Turkish Journal of Chemistry	1.9	36% 259/407 General Chemistry	1,085	584	54
☐ 10	Chimica Techno Acta Open Access	0.7	12% 269/306 Materials Chemistry	108	165	35

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47/92

			Fluid Flow and Transfer Processes			
☐	9	Turkish Journal of Chemistry	1.9	36% 259/407 General Chemistry	1,085	584
☐	10	Asian Journal of Chemistry	0.9	16% 341/407 General Chemistry	1,706	1,920
☐	11	Chimica Techno Acta <i>Open Access</i>	0.7	12% 269/306 Materials Chemistry	108	165

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We have updated the CiteScore methodology to ensure a more robust, stable and comprehensive metric which provides an indication of research impact, earlier. The updated methodology will be applied to the calculation of CiteScore, as well as retroactively for all previous CiteScore years (ie. 2018, 2017, 2016...). The previous CiteScore values have been removed and are no longer available.

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View metrics for year: 2022

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☐ 1	Journal of Controlled Release	17.1	98% 3/171 Pharmaceutical Science	38,372	2,242	88
☐ 2	Journal of Trauma	N/A	N/A	N/A	N/A	N/A

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