Publications in Journals of Dr. J. Manam

Serial No.	Authors Name	Title of the Paper	Details of the Journal
01	V.V. Ratnam, S. P. Kuila & J. Manam	A system for recording Excitation, Radio-, Photo- and Thermoluminescence Spectra.	J. Instrument Society of India, 12, p-11, (1982).
02	J.Manam, R.K. Gartia & V. V. Ratnam	Thermoluminescence of Z_3 centres of X-irradiated Ca doped KCl crystals.	Phys. Stat. Sol. (a), 78, 685-688 (1983). https://doi.org/10.1002/pssa.2210780237
03	J. Manam, R. K. Gartia & V. V. Ratnam	Effect of Post Irradiation Deformation on Thermoluminescence Spectra of KCl : Ca crystals.	Phys. Stat. Sol. (b), 79, 167-171 (1983). https://doi.org/10.1002/pssa.2210790118
04	J. Manam & V. V. Ratnam	V_3 and F_A centres in KCl:Na crystals-A thermoluminescence study	Phys. Stat. Sol. (b) 121, 393-399 (1984). https://doi.org/10.1002/pssb.2221210141
05	J. Manam & V. V. Ratnam	Effect of Post-Irradiation Deformation on T S L Spectra of KCl : Na crystals .	Nuclear Tracks & Radiation Measurements (GB), 10, 97-100 (1985) https://doi.org/10.1016/0735-245X(85)90015-8
06	J. Manam, P. Sridharan, R. C. Bhuniya & V. V. Ratnam	Origin of 385 nm Emission band in the T S L of KCl : Ca crystals	Crystal Lattice Defects and Amorphous Materials (GB) **11** p. 25 (1985).

07	J. Manam* & A. N. C. V. Rao	Influence of Cu Doping on the Thermoluminescence of KCl.	Phys. Stat. Sol. (a) 118, K129 - K132, (1990) https://doi.org/10.1002/pssa.2211180247
08	J Manam*	Variation of Order of Kinetics with Dose of X-irradiation in LiF single crystals.	Indian J. Physics, **68 A** (1), 105-112 (1994).
09	J. Manam* & A. N. C. V. Rao	Study of Trapping Parameters of Thermally Stimulated Luminescence Glow Curves in KCl : Mn single crystals	Indian J. Physics, **74 A** (2), 103-105, (2000).
10	J. Manam* & A. N. C. V. Rao	Evaluation of trapping parameters of thermally stimulated glow curves of KCl : Pb : Mn single crystals.	Indian J. Physics, **75A** (6), 657-659 (2001).
11	J. Manam*, A. K. Singh & S. K. Sharma	Thermally stimulated luminescence studies of undoped, Cu and Mn doped Lithium Borate compounds.	Indian J. Physics, **76A** (6), 547-550 (2002).
12	J. Manam & S. K. Sharma*	Thermally stimulated luminescence studies of undoped, Cu and Mn doped Magnesium Borate compounds.	Asian J. Physics, **12,** no. 4 (2003).
13	J. Manam* & S. K. Sharma	Thermally stimulated luminescence studies of undoped and doped calcium borate compounds,	Semiconductor Physics, Quantum Electronics and Optoelectronics **6 (4**), 465-470 2003 (Ukraine).
14	J. Manam* & S. K. Sharma	Thermally stimulated luminescence studies of undoped and doped $K_2B_4O_7$compounds.	Nuclear Instruments & Methods in Physics Research B, (Netherlands), **B 217**, 314-320, (2004).

15	J. Manam & S. K. Sharma*	Evaluation of trapping parameters of thermally stimulated luminescence glow curves in Cu doped $Li_2B_4O_7$ phosphor.	Radiation Physics & Chemistry, (Netherlands), **72**,423-427, 2005.
16	J Manam* & S K Sharma	Thermally stimulated luminescence studies of BaB_4O_7 compound.	Journal of Materials Science **39,** 6203-6208 (2004).
17	J. Manam & S. K. Sharma*	Determination of trapping parameters of thermally stimulated luminescence glow curves in Mn doped $Li_2B_4O_7$ phosphor.	Radiation Effects and Defects in Solids, **163**, No.10 813-819, (2008).
18	J. Manam & S. Das*	Thermally stimulated luminescence studies of undoped, Cu- and Mn-doped CaSO4 compounds	Radiation Effects & Defects in Solids, **163,** No. 12, December 2008, 955–965.
19	J. Manam* & S. Das,	Determination of kinetic parameters of thermally stimulated luminescence of Cu-doped BaSO4	Journal of Physics and Chemistry of Solids, **70**, No. 2, 379-384, (2009).
20	J. Manam & S. Das*	Structural Analysis, TSL Studies and Evaluation of Trapping Parameters of Cu^{2+} Activated CaSO4	Current Applied Physics, Volume 9, Issue 6, November 2009, Pages 1257-1262.
21	J. Manam & S. Das*.	Preparation, characterization and thermally stimulated luminescence studies of undoped, Cu and Mn doped SrSO4 compounds	Optical Materials, Volume 31, Issue 8, June 2009, Pages 1231-1241.
22	J Manam* & S Das.	Thermally stimulated luminescence studies of undoped, Cu and Mn doped $BaSO_4$ compounds	Indian journal of Pure and Applied Physics, Vol. 47, June 2009, pp. 435-438.

23	J. Manam*, S. Das & A. Isaac	Preparation, Characterization and Thermally Stimulated Luminescence of ZnO Nanophosphor	Indian Journal of Physics. Vol.83(10) 1407-1419 (2009)
24	A. Choubey*, S. Das, S. K. Sharma & J. Manam	Study of kinetic parameters of $K_2Ca_2(SO_4)_2$ thermoluminescence dosimeter	Radiation Effects & Defects in Solids, Vol 164 (12) 2009 p. 779-787
25	S. Adhikary, A. Choubey*, S. Das, S. K. Sharma & J. Manam	Thermoluminescence Investigations in X-ray irradiated CaS phosphor	Journal of Alloys & Compounds, 489 (2010) 4–8
26	J. Manam, V. Chatterjee, S. Das*, A. Choubey & S. K. Sharma	Preparation, Characterization and study of optical properties of ZnS nanophosphor,	Journal of Luminescence. Vol 130 (2010) p. 292-297.
27	J. Manam & S. Das*	Characterization and TSL Dosimetric Properties of Mn Doped $BaSO_4$ Phosphor Prepared by Recrystallisation Method.	Journal of Alloys & Compounds. Vol. 489 (2010) p. 84–90.
28	A. Choubey*, S. Das, S. K. Sharma & J. Manam	Calculation for the trapping parameters of $K_3Na(SO_4)_3$ phosphor by isothermal luminescence decay method	Materials chemistry and Physics Vol. 120 (2010) 472–475.
29	J. Manam & S. Das*	Influence of Cu and Mn impurities on TSL studies of $MgSO_4$ compound.	Solid State Sciences 2010 Vol12(2010) 1435-1444

30	J. Manam, Puja Kumari & S. Das*	Characterisation and Photoluminescence studies of Eu^{+2} doped $BaSO_4$ phosphor prepared by recrystallisation method.	Applied Physics A: Vol.104, Issue 1 (2011), Page 197-203
31	Partha P. Pal* and J. Manam	Influence of rare-earth doping on the photoluminescence of Zinc oxide nanophosphors	International Journal of Luminescence and Applications. Vol. 1(II) pp 124-128 ,(2012) ISSN 2277-6362
32	Partha P. Pal and J. Manam*	Structural and photoluminescence studies of Eu^{3+} doped Zinc Oxide nanorods prepared by precipitation method.	Journal of Rare Earths Vol. 31,No 1, Jan 2013, p-37-43
33	Partha P. Pal* and J. Manam	Photoluminescence and thermoluminescence studies of Tb^{3+} doped ZnO nanorods	Material Science & Engineering ,B 178(2013)400-408
34	Partha P. Pal* and J. Manam	Evaluation of kinetics parameters in the X- irradiated TSL studies of RE3+-doped (RE=Eu, Tb) ZnO nanorods for dosimetric applications	Radiation Physics and Chemistry Vol. 88,(2013) P 7-13
35	Partha P. Pal* and J. Manam	Effect of Li+ co-doping on the luminescence properties of ZnO:Tb3+ nanophosphors	Nanosystems: Physics, Chemistry, Mathematics Vol 4,(2013)P 395-404
36	Partha P. Pal* and J. Manam	Enhanced luminescence of ZnO:RE^{3+} (RE=Eu, Tb) nanorods by Li^+ doping and calculations of kinetic parameters	Journal of Luminescence Vol. 145, (2014) P 340-350

37	Partha P. Pal* and J. Manam	Color tunable ZnO nanorods by Eu3+ and Tb3+ co-doping for optoelectronic applications	Applied Physics A Vol.116, (2014) P 213-223
38	P. P. Pal*, P. K. Baitha, N. Borgohain, J. Manam	Enhanced photoluminescence emission from $XSO_4:Eu^{2+}$ (X = Mg, Sr) microphosphors	Indian Journal of Physics Vol.88(3) 243-250 (March 2014),
39	P. K. Baitha, P. P. Pal*, J. Manam	Dosimetric sensing and optical properties of ZnO-SnO_2 nanocomposites synthesized by co-precipitation method	Nuclear Inst. and Methods in Physics Research, A Vol. 745, (2014) p- 91-98 January 2014
40	Puja Kumari, P. K. Baitha and J. Manam*	Structural and Photoluminescence Properties of Red Emitting YVO4: Eu3+ Phosphor Synthesized by Combustion and Solid State Reaction Techniques: A Comparative Study	Indian Journal of Physics Vol-89 (12)(Dec 2015)
41	P. K. Baitha and J. Manam*	Structural and spectroscopic diagnosis of ZnO/SnO2 nanocomposite influenced by Eu3+	Journal of Rare Earths Vol.33(8) p-805-813, Aug(2015)
42	Puja Kumari and J. Manam*	Enhanced Red Emission on Co-doping of Divalent Ions (M^{2+}=Ca^{2+}, Sr^{2+}, Ba^{2+}) in YVO4:Eu^{3+} Phosphor and Spectroscopic Analysis for its Application in Display Devices	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy Vol.152 ,P 109-118 (2016)

43	Jyoti Singh, P. K. Baitha and J. Manam*	Influence of heat treatment on the structural and optical properties of SrGd2O4:Eu3+phosphor	Journal of Rare Earths Vol.33(10) p-1040-1050 (2015)
44	P. K. Baitha and J. Manam*	Luminescence behavior of Eu^{3+} activated ZnO/SnO_2 nanocomposite phosphor	Optik Vol.126 p-4916-4923 (2015)
45	Jyoti Singh and J. Manam*	Structural and spectroscopic behavior of Eu^{3+} doped $SrGd_2O_4$ modified by thermal treatments	Journal of Material Science Vol.51(6) p-2886-2901,(2015)
46	Puja Kumari, J. Manam*	Structural, optical and spectral changes of $Dy3^{+}$ emissions in orthovanadates	RSC, Advances Vol 5, 107575-107584, (2015)
47	P. K. Baitha and J. Manam*	Luminescence properties of ZnO/TiO2 nanocomposite activated by Eu3+ and their spectroscopic analysis.	Bulletin of Material Science Vol. 39 (5) pp 1233-1243 (2016)
48	Sourav Das, J Manam* and S K Sharma	Rhodamine 6G dye encapsulated mesoporous SiO2/ SrAl2O4:Eu2+, Dy3+ composite yellow long persistent phosphor	ECS Journal of Solid State Science and Technology, Vol. 5(6), R98 - R103 (2016).
49	Kanchan Mondal, Puja Kumari and J. Manam*	Influence of doping and annealing temperature on the structural and optical properties of Mg_2SiO_4;Eu^{3+} synthesized by combustion method	Current Applied Physics Vol.16,p707-719(2016)
50	Puja Kumari*, J. Manam	Influence of Dy^{3+} Ions doping on Structural and Luminescent Properties of $GdVO_4$	Journal of Material Science: Materials in Electronics Vol. 27 Page 9437-9447 (2016)

51	Dhananjay Kr. Singh and J. Manam*	Structural and photoluminescence studies of red emitting $CaTiO_3:Eu^{3+}$ perovskite nanophosphors for lighting applications	Journal of Material Science: Materials in Electronics Vol. 27 pp 1037 (2016)
52	Dhananjay Kr. Singh Pankaj Kr. Baitha and J. Manam*	Enhancement of luminescence intensity and spectroscopic analysis of Eu3+ activated and Li+ charge compensated CaTiO3 colour tunable phosphors for solid state lighting	Journal of Applied Physics A Vol. 122 pp 668 (2016)
53	Kanchan Mondal and J. Manam*	Enhancement of photoluminescence in Eu^{3+} co-activated $Ca_2MgSi_2O_7:Dy^{3+}$ phosphors for solid state lighting application	Journal of Molecular structure Vol.1125, pp-503-513 (2016)
54	Sourav Das, J Manam* and S K Sharma	Role of rhodamine-B dye encapsulated mesoporous SiO_2 in colour tuning of $SrAl_2O_4:Eu^{2+},Dy^{3+}$ composite long lasting phosphor	Journal of Materials Science: Materials in electronics Vol. 27 (12), pp 13217-13228 (2016)
55	Amba Mondal, Sourav Das and J. Manam*	Hydrothermal synthesis, structural and luminescent properties of Cr^{3+} doped $MgGa_2O_4$ near-infrared long lasting nanophosphor	RSC Advances https://doi.org/10.1039/C6RA15119A 6 (2016) 82484-82495
56	Jyoti Singh and J. Manam*	Synthesis, crystal structure and temperature dependent luminescence of Eu^{3+} doped $SrGd_2O_4$	Ceramics International https://doi.org/10.1016/j.ceramint.2016.08.192 42 (2016) 18536-18546
57	Puja Kumari J. Manam*,	Effects of morphology on the structural and photoluminescence properties of co-precipitation derived	Chemical Physics Letters https://doi.org/10.1016/j.cplett.2016.09.013

		$GdVO_4:Dy^{3+}$	662 (2016) 56-61
58	Jyoti Singh and J. Manam*	Effect of Y^{3+} on structural environment and luminescence characteristics of novel $SrGd_{1.94-2x}Eu_{0.06}Y_{2x}O_4$ phosphors for display and dosimetric applications	Materials Research Bulletin https://doi.org/10.1016/j.materresbull.2016.12.024 88 (2017) 105-113
59	Kanchan Mondal and J. Manam*	Optical properties of novel Sm3+ activated distrontium magnesium disilicate phosphor	Journal of Materials Science: Materials in electronics 28 (2017) 8793-8802
60	Dhananjay Kr. Singh and J. Manam	Investigation of structural and photometric properties CaTiO3:Dy3+ nanophosphors for the lighting applications	EML Electronic Material Letter 10.1007/s13391-017-6285-4 13 (2017) 292
61	Jyoti Singh and J. Manam*	Thermoluminescence studies of solid-state reaction derived and γ-irradiated $SrGd_2O_4:Eu^{3+}$ phosphor	Materials Research Bulletin https://doi.org/10.1016/j.materresbull.2017.05.014 93 (2017) 318-324
62	Sourav Das, J Manam* and S K Sharma	Composites of $BaAl_2O_4:Eu^{2+}$, Dy^{3+}/ organic dye encapsulated mesoporous silica as multicolor long persistent phosphor based on radiative energy transfer	New Journal of Chemistry https://doi.org/10.1039/C7NJ00209B 41 (2017) 5934-5941
63	Jyoti Singh and J. Manam*	Synthesis and thermoluminescence studies of γ-irradiated Dy^{3+} doped $SrGd_2O_4$ phosphor	Materials Research Bulletin https://doi.org/10.1016/j.materresbull.2017.05.052 94 (2017) 113-121
64	Sourav Das, J. Manam* and S. K. Sharma	An approach to tune the color of $Sr_2MgSi_2O_7$: Eu^{2+}, Dy^{3+} long persistent	ECS Journal of Solid State Science and Technology

		phosphor using $Y_3Al_5O_{12}$: Ce^{3+} remote phosphor	10.1149/2.0261708jss 6 (2017) R105-109
65	Abhay Roshan Beck, Sourav Das and J. Manam	Temperature dependent photoluminescence of Dy3+ doped LiCaBO3 phosphor	Journal of Materials Science: Materials in Electronics 28 (2017) 17168-17176
66	Dhananjay Kumar Singh and J. Manam	Improved photoluminescence, thermal stability and temperature sensing performance of K^+ incorporated perovskite $BaTiO_3$: Eu^{3+} red emitting phosphors.	Ceramic Internationals https://doi.org/10.1016/j.ceramint.2017.07.069 43 (2017) 13602-13611
67	Amba Mondal and J. Manam	Structural and luminescent properties of Si^{4+} co-doped $MgGa_2O_4$: Cr^{3+} near infrared long lasting phosphor	ECS Journal of Solid State Science and Technology 6 (2017) R88-95
68	Kanchan Mondal and J. Manam*	Investigation of photoluminescence properties, thermal stability, energy transfer mechanisms and quantum efficiency of $Ca_2ZnSi_2O_7$: Dy^{3+}, Eu^{3+} phosphors	Journal of Luminescence https://doi.org/10.1016/j.jlumin.2017.11.028 195 (2018) 259-270
69	Dhananjay Kumar Singh and J. Manam	Optical spectroscopic and thermal quenching behaviour of perovskite $SrTiO_3$:Sm^{3+} orange emitting phosphors for lighting applications	Journal of Materials Science: Materials in Electronics https://doi.org/10.1007/s10854-018-8527-0 29 (2018) 5579-5588
70	Dhananjay Kumar Singh and J. Manam	Enhanced photoluminescence and thermal stability of divalent ions (Zn^{2+}, Mg^{2+}) assisted $CaTiO_3$:Eu^{3+}perovskite phosphors for lighting applications	Applied Physics A 10.1007/s00339-018-1665-7 124 (2018) 261

71	Dhananjay Kumar Singh and J. Manam	Efficient dual emission mode of green emitting perovskite $BaTiO_3$: Er^{3+} phosphors for display and temperature sensing applications	Ceramics Internationals https://doi.org/10.1016/j.ceramint.2018.03.151 44 (2018) 10912-10920
72	Sourav Das and J. Manam	Fluorescien isothiocyanate and rhodamine B encapsulated mesoporous SiO_2 for applications of blue LED excited white LED	Optical Materials https://doi.org/10.1016/j.optmat.2018.03.052 79 (2018) 259-263
73	Kanchan Mondal, Dhananjay Kumar Singh and J. Manam*	Spectroscopic behavior, thermal stability and temperature sensitivity of Ca_2SiO_4: Eu^{3+} red emitting phosphor for solid-state lighting application	Journal of Alloys and Compounds https://doi.org/10.1016/j.jallcom.2018.05.161 761 (2018) 41-51
74	Amalesh Kumar, Dhananjay Kumar Singh and J. Manam	"Structural and optical properties of highly thermally active $Gd_2Zr_2O_7$: Dy^{3+} phosphors for lighting applications"	Journal of Materials Science: Materials in Electronics DOI: 10.1007/s10854-018-0509-8 30 (2019) 2360-2372
75	Amba Mondal, Sourav Das and J. Manam*	Investigation on spectroscopic properties and temperature dependent photoluminescence of NIR emitting Cr^{3+} doped zinc gallate long persistent nanophosphor	Physica B: Condensed Matter vol. https://doi.org/10.1016/j.physb.2019.05.030 569, (2019) 20-30
76	Amba Mondal and J. Manam*	Investigations on spectroscopic properties and temperature dependent photoluminescence of Cr^{3+} doped $MgGa_2O_4$ phosphor	Materials Research Express, https://doi.org/10.1088/2053-1591/ab317e 6 (2019) 095081

77	Amalesh Kumar and J. Manam	Color tunable emission and temperature dependent photoluminescence properties of Eu^{3+} co-doped $Gd_2Zr_2O_7$:Dy^{3+} phosphors	Optical Materials https://doi.org/10.1016/j.optmat.2019.109373 96 (2019) 109373
78	Subhajit Jana, Amba Mondal, J. Manam and Sourav Das	Pr^{3+} doped $BaNb_2O_6$ reddish orange emitting phosphor for solid state lighting and optical thermometry applications	Journal of Alloys and Compounds https://doi.org/10.1016/j.jallcom.2019.153342 821 (2020) 153342
79	Amalesh Kumar and J. Manam*	Optical thermometry using up and down conversion photoluminescence mechanism in $Y_2Zr_2O_7$: Er^{3+} phosphors with excellent sensing sensitivity	Journal of Alloys and Compounds https://doi.org/10.1016/j.jallcom.2020.154610 829 (2020) 154610
80	Amba Mondal and J. Manam*	Structural, optical and temperature dependent photoluminescence properties of Cr3+-activated LaGaO3 persistent phosphor for optical thermometry,	Ceramic International https://doi.org/10.1016/j.ceramint.2020.06.174 46 (2020) 23972
81	Ram Gopal, Amalesh Kumar and J Manam*	Enhanced photoluminescence and abnormal temperature dependent	Materials Chemistry and Physics https://doi.org/10.1016/j.matchemphys.2021.124960

		photoluminescence property of SrWO4:Dy3+phosphor by the incorporation of Li+ ion	272 (2021) 124960
82	Sourav Das , S K Sharma and J. Manam*	Near infrared emitting Cr^{3+} doped $Zn_3Ga_2Ge_2O_{10}$ long persistent phosphor for night vision surveillance and anti-counterfeit applications	Ceramic International https://doi.org/10.1016/j.ceramint.2021.09.163 48 (2022) 824-831
83	Amalesh Kumar and J. Manam	Enhancement of dual-mode emission and temperature sensing performance in $Y_2Zr_2O_7$: Er^{3+} nano phosphor by incorporation of lithium ions	Journal of Alloys and compounds https://doi.org/10.1016/j.ceramint.2022.01.241 48 (2022) 13615-13625
84	Amalesh Kumar and J. Manam	Observation of up conversion/down conversion luminescence and structural analysis of $La_2Zr_2O_7$: Pr^{3+} nano phosphors	Materials science in semiconductor processing https://doi.org/10.1016/j.mssp.2022.106828 148 (2022) 106828
85	Ram Gopal and J. Manam	A novel blue excited white light emitting SrWO4: Pr^{3+} phosphor for single phase white-LED applications	Ceramics International https://doi.org/10.1016/j.ceramint.2022.07.023 48 (2022) 30724-33
86	Ram Gopal and J. Manam	Study of the up/down conversion green luminescence $BaWO_4$: Er^{3+} phosphors for non-contact temperature sensing and solid state lighting applications	Applied Physics A Materials science and processing https://doi.org/10.1007/s00339-022-05916-z 128, (2022) 772

87	Ram Gopal and J. Manam	$SrWO_4$; An efficient green phosphor for LED and optical thermometry application	Journal of Materials Science Materials in Electronics https://doi.org /10.1007/s10854-022-08964-6 33 (2022), 21746–21761
88	Ram Gopal and J. Manam	The photoluminescence and Judd-Ofelt investigations of UV, near-UV and blue excited highly pure red emitting $BaWO_4$: Eu^{3+} phosphor for solid state lighting	Ceramics International https://doi.org/10.1016/j.ceramint.2023.06.063 49 (2023), 28118-28129
89	Chandni Kumari, Amalesh Kumar, S.K. Sharma, J. Manam	Sr_3LiSbO_6: Er^{3+} Phosphors for Green LEDs and Solar Cell Applications.	Vacuum https://doi.org/10.1016/j.vacuum.2022.111599 207 (2023), 11159
90	Chandni Kumari, S.K. Sharma, J. Manam	Strong red emission in double perovskite Sr_3LiSbO_6: Eu^{3+} phosphor with high color purity for solid-state lighting applications	Materials Science in Semiconductor Processing https://doi.org/10.1016/j.mssp.2023.107385 158 (2023), 107385
91	Ram Gopal and J. Manam	UV irradiated thermally stimulated luminescence investigation of $SrWO_4$: Pr^{3+} phosphor	Solid State Communications https://doi.org/10.1016/j.ssc.2023.115329 373-374 (2023)115329
92	Ram Gopal, Chandni Kumari and J. Manam	Development of $SrWO_4$:Ho^{3+}/Yb^{3+} green phosphor for optical thermometry application	Physical Chemistry Chemical Physics 10.1039/d3cp04574a

			25 (2023), 32184
93	Chandni Kumari, S.K. Sharma, J. Manam	Study of photoluminescence behaviors and Judd-Ofelt analysis of Eu^{3+} doped double perovskite Ba_2GdSbO_6 phosphor for highly pure and strong red-light generation	Journal of Luminescence https://doi.org/10.1016/j.jlumin.2023.119983 263 (2023), 119983
94	Birendra Kumar Rajwar, Jairam Manam, Shailendra Kumar Sharma	An attempt to enhance the afterglow luminescence of NIR light emitting long persistent phosphor $Zn_3Ga_2Ge_2O_{10}:Cr^{3+}$ by Pr^{3+} co-doping	Spectrachimica Acta Part A: Molecular and Biomolecular Spectroscopy 293 (2023), 122512 https://doi.org/10.1016/j.saa.2023.122512
95	Chandni Kumari, S.K. Sharma, J. Manam	Synthesis and luminescence properties of a bluish-green -emitting Sr_3LiSbO_6: Pr^{3+} phosphor for optoelectronic applications	Ceramics International https://doi.org/10.1016/j.ceramint.2023.12.365 50 (2024), 10535-10550
96	Chandni Kumari, Ram Gopal, Himanshu Yadav and J. Manam	$SrNb_2O_6:Dy^{3+}$: a single phase warm white light emitting phosphor for solid-state lighting	Journal of Materials science: Materials in Electronics https://doi.org/10.1007/s10854-024-12396-9 35 (2024) 638