

Sr. No.	Title of the Research Paper/ Book/Chapter in Book	Authors	Name of the Journal/ Publisher	Volume	Year of Publication	Pages From-To	ISSN/ ISBN
	A comparative study of various schemes used for the determination of safe minimum value of impact parameter in Coulomb excitation experiments	Rajiv Kumar and Pardeep Singh	DAE Symp. On Nucl. Phys	60	2013	476	81-8372-077-3
1	Analysis of ($^3\text{He},t$) charge exchange reactions using distorted wave impulse approximation	Pardeep Singh, R. G. T. Zegers, Pawel Danielewicz, S. Noji, B.T. Kim and H. Sakai	DAE Symp. On Nucl. Phys	60	2013	426	81-8372-077-3
2	Analysis of LMD data for the $\text{Ta}(^{15}\text{C}, ^{14}\text{C}+n)\text{Ta}$ Coulomb breakup reaction	Pardeep Singh, Rajesh Kharab and Rajiv Kumar	DAE Symp. On Nucl. Phys	60	2013	636	81-8372-077-3
3	Ferrofluid based Temperature sensor	R.P. Pant, Vinod Kumar, Anu Rana, V. K. Jain, S. K. Halder, Y. P. Singh & Vikram	The Patent Office Journal	16	2013	47DEL2009, 8707	2278-6236
4	Improved dielectric and magnetic properties of Ti modified BiCaFeO_3 multiferroic ceramics.	A Agarwal, S Sanghi, N Ahlawat, A Hooda	Journal of Applied Physics	113	2013	23908	1089-7550
5	Investigations on structural and electrical properties of La^{3+} doped $\text{Ni}_{0.5}\text{Zn}_{0.5}\text{La}_x\text{Fe}_{2-x}\text{O}_4$ nano-particles	Vinod Kumar, Anu Rana, O P Thakur and R. P. Pant	Magnetohydrodynamics	49 (2-4)	2013	191-197	0024-998X.
6	Nonlinear optical properties of Cobalt and Iron doped CdSe nano particles using Z-Scan technique	Poonam Gaur, Dimple Sharma, B.P Malik and Arun Gaur	Physica B: Condensed Matter Physics b	457	2013	332	0921-4526

7	Preparation of Zinc doped CdSe nanoparticles and determination of their Nonlinear optical properties using Z-scan technique in thick	Poonam Gaur, Dimple Sharma, B P Malik and Arun Gaur	International Journal NANO: Brief Reports and	10	2013		0219-581X
8	Pulsed laser induced optical non linearities in undoped, Copper doped and Chromium doped CdS quantum	Dimple Sharma Arun Gaur and B P Malik	J. of optics	17	2013	45502	2040-8986
9	Sensitive measurement of nonlinear absorption and optical limiting in undoped and Fe doped ZnO quantum dots using pulsed laser	Dimple Sharma Arun Gaur and B P Malik	Indian J. of Physics		2013		0973-1458
10	Synthesis and characterization of Ta ₂ O ₅ thin films for microelectronics application	Kanta Rathee, Mukesh Kumar and B.P. Malik	Indian Journal of Applied Research	V3	2013	486	2249-555x
11	Synthesis and investigations of spectral and electrical of cobalt nitrate doped poly (m-toludine),	Pawan S. Rana, A.Kumar, S.Kumar	International Journal of Engineering research Technolog		2013	66-68	2278-0181
12	The structural and electrical properties of Ta ₂ O ₅ thin films	Kanta Rathee, Mukesh Kumar and B.P. Malik.	International Journal of Modern		2013		2010-1945
13	Two and four photon absorption and nonlinear refraction in undoped, Chromium doped and Copper doped ZnS quantum dots	Dimple Sharma, Arun Gour and B. P. Malik	J. of Physics and Chemistry of solids	87	2013	163	0022-3697
7	Investigations on the hydrogen sorption characteristics of Zr-Mn-Ni-Fe alloys	D. Pukazhselvan, V. Kumar, HeenaDhanopiy a, S.K. Singh	Advance Science Engineering and Medicine	5	2013	42374	2164-6627
8	Effect of Ni concentration on the structural and hydrogen storage characteristics of Zr-Mn based laves phase system	V. Kumar, D. Pukazhselvan, A.K. Tyagi, S.K. Singh	Materials for Renewable and Sustainable Energy	2	2013	42377	2194-1459

14	Analysis of ($^3\text{He},t$) charge exchange reaction at 140AMeV	Pardeep Singh,R. G. T. Zegers, Pawel Danielewicz,S. Noji, B.T. Kim andH. Sakai	DAE Symp. On Nucl. Phys	59	2014	386	81-8372-076-5
15	A study on structural and magnetic properties of $\text{Ni}_x\text{Zn}_{1-x}\text{Fe}_2\text{O}_4$ ($0 \leq x \leq 0.6$) ferrite nanoparticle	Ashok Kumar, Parmod Kumar, Geeta Rana, M. S. Yadav and R. P. Pant	Applied Science letter	1(2)	2014	32-36	2394-5001
16	Analysis of ($^3\text{He},t$) charge exchange reaction	Pardeep Singh,R. G. T. Zegers, Pawel Danielewicz,S. Noji, B.T. Kim andH. Sakai	Bulletin of the American Physical Society	59	2014	126	0003-0503
17	Analysis of $^{208}\text{Pb}(^{15}\text{C}, ^{14}\text{C}+n)$ ^{208}Pb and $^{181}\text{Ta}(^{15}\text{C}, ^{14}\text{C}+n)$ ^{181}Ta Coulomb Breakup reactions	Pardeep Singh and Rajiv Kumar	DAE Symp. On Nucl. Phys	59	2014	388	81-8372-076-5
18	Analysis of Coulomb breakup of ^{15}C for astrophysical applications	P.Singh, K. Kumari, S. Kharb and M. Singh	Proc. Of <i>DAE Symp. on Nucl. Phys</i>	58	2014	830	81-8372-070-6
19	Analysis of Coulomb breakup reactions of ^{19}C on heavy	Pardeep Singh, Kavita Kumari, Rajiv Kumar and Savita	J. Integr. Sci. Technol	1	2014	33	2321-4635
20	Analysis of Orbital Occupancy of Valence neutron in ^{15}C through Coulomb Breakup reactions	P. Singh	Phys. Atom. Nucl/Springer	78	2014	252	1063-7788
21	Contribution of electric quadrupole and dipole quadrupole interference terms in Coulomb breakup of ^{15}C	P.Singh, S. Kharb and M. Singh	Phys. Atom. Nucl/Springer	77	2014	206	1063-7788
22	Dielectric study of Al^{3+} substituted Fe_3O_4 ferrite	N. Kumari, Vinod Kumar, S. K. Singh	International Journal of Modern	28 (28)	2014	1450193	0217-9792

23	Microwave study of CNTs-Fe ₃ O ₄ /Fe ₂ O ₃ composites	Annveer, Ritu and Ashok Kumar	Journal of Chemical and Pharmaceutical Sciences	9	2014	1144-1147	0975-7384
24	Modified interaction radius and touching spheres schemes for the determination of impact parameter in coulomb excitation	R. Kumar, P.Singh and R. Kharab	Mod. Phys. Lett. A	30	2014	1550148	0217-7323
25	Morphology dependent catalytic activity of TiO ₂ nanostructures towards photo degradation of Rose	Ritu Malik, Ashok Kumar, S. P. Nehra and Pawan S. Rana	AIP Conference proceeding	1675	2014	20039	978-0-7354-1322-1
26	Optimum forward scattering zone for intermediate-energy coulomb excitation experiments	R. Kumar, P.Singh and R. Kharab	EPL(Euro physics Letters)	111	2014	32001	0295-5075
27	Preparation and Characterization of Gd ³⁺ Ion Doped Nano-structured Cobalt Ferrites for Humidity Sensor	Anu Rana, O P Thakur, Vinod Kumar, R. P. Pant, Bhikham Singh and M.S. Yadav	Sensor Letters		2014		1546-198X
28	Quantitative description of uncertainties in the safe minimum value of impact parameter in Coulomb excitation	Rajiv Kumar and Pardeep Singh	Proc. Of <i>DAE Symp. on Nucl. Phys</i>	59	2014	434	81-8372-076-5
29	Structural and magnetic studies of the Nickel doped CoFe ₂ O ₄ ferrite nanoparticles synthesized by chemical co-	Ashok Kumar, Nisha Yadav, Dinesh S Rana, Parmod Kumar, Manju Arora, R.P.Pant	Journal of magnetism and magnetic materials	394	2014	379-384	0304-8853
30	Structural, dielectric and magnetic properties of Cd/Pb doped W-type hexaferrites	A Hooda, S Sanghi, A Agarwal, R Dahiya	Journal of Magnetism and Magnetic Materials (JMMM)	349	2014	121-127	0304-8853

31	Synthesis of Ordered Flower like SnO ₂ nanostructure by hydrothermal method towards degradation of methylene orange	Ritu Malik, S. P. Nehra, Ashok kumar, Pawan S Rana	Conference proceeding of TEQIP sponsored National Conference on Advances in Electronics and communication technology, 29-30 January 2015	1	2014	34-37	978-81-927562-0-2
32	Synthesis and characterization of CNTs- Fe ₃ O ₄ composites	Annveer, Ashok Kumar, Ritu, Mahesh Chand and R. P. Pant	Applied Science Letters	1(3)	2014	74-77	2394-5001
33	Synthesis, Structural and Dielectric Properties of Cr ³⁺ substituted Fe ₃ O ₄	Naveen Kumari, Vinod Kumar, S. K. Singh	Ceramics International	40 (8)	2014	12199	0272-8842
4	Synthesis, structural and dielectric properties of Cr ³⁺ substituted	Naveen Kumari, Vinod Kumar, S.K. Singh	Ceramics International	40	2014	12199612205	0272-8843
5	Structural and dielectric study of Fe ₃ O ₄ nanoparticle	Naveen Kumari, Vinod Kumar SatishKhasa and S.K.Singh	Journal of Advanced Physics	3	2014	111	0272-8844
6	Dielectric Study of Al ³⁺ doped Fe ₃ O ₄ ferrite nanoparticles	Naveen Kumari, Vinod Kumar and S.K. Singh	International Journal of Modern	28	2014	1450193	0272-8845
34	Chemical synthesis and magnetic investigations on Cr ³⁺ substituted Zn-ferrite superparamagnetic nano-particles	N Kumari, V Kumar, S Khasa, SK Singh	Ceramics International	41(1)	2015	1907-1911	0272-8846
35	Crystal structure refinement, dielectric and magnetic properties of Ca/ Pb substituted SrFe ₁₂ O ₁₉ hexaferrites	A Hooda, S Sanghi, A Agarwal, R Dahiya	Journal of Magnetism and Magnetic Materials (JMMM)	387	2015	46	0272-8847

36	Dielectric characterization of bismuth layered (Bi ₂ O ₃)(Na _x Fe _{1-x} O ₃) ceramics	P Singh, A Agarwal, S Sanghi, N Singh, S Khasa	Physica B: Condensed Matter	436	2015	64-73	0272-8848
37	Effect of alkali addition on DC conductivity and thermal properties of vanadium-bismo-borate glasses	S Khasa, MS Dahiya, A Agarwal	AIP Conf Proc	1591	2015	796-798	0272-8849
38	Effect of Annealing Temperature on the Photocatalytic Performance of SnO ₂ Nanoflowers	Ritu Malik, Vijay K. Tomer, Surender Duhan, S. P. Nehra, and Pawan S. Rana	Advanced science engineering and medicine	7	2015	42378	0272-8850
39	Effect of Cr ³⁺ substitution on properties of nano-ZnFe ₂ O ₄	Naveen Kumari, Vinod Kumar, S. K. Singh	Journal of alloys and compounds	2	2015	622-628	0272-8851
40	Effect of Gd ³⁺ ion distribution on structural and magnetic properties in nano-sized Mn _{0.5} Zn ferrite	Ashok Kumar, Pawan S.Rana, M.S.Yadav, R. P. Pant	Ceramic International	41	2015	1297-1302	0272-8852
41	Effect of mixed transition metal ions on DC conductivity in lithium bismuth borate glasses	S Khasa, A Yadav, MS Dahiya, A Agarwal	AIP Conf. Proc.	1665(1)	2015	70013	0272-8853
42	Effect of MoO ₃ on electron paramagnetic resonance spectra, optical spectra and dc conductivity of vanadyl ion doped alkali molybdo-borate glasses	A Agarwal, S Khasa, VP Seth, S Sanghi, M Arora	Journal of Molecular Structure	1060	2015	182-190	0272-8854
43	Electrical properties of Mn _{0.5} Zn _{0.5} Re _x Fe _{2-x} O ₄ [Re = Fe, Gd, La, Sm] nano-structured ferrites	Vinod Kumar, AnuRana, O P Thakur	Nanotechnology: Novel Perspective and Prospects, McGraw Hill Education publisher	1	2015	494-498	
44	EPR, FTIR, thermal and electrical properties of VO ²⁺ doped BaCl ₂ ·BaO·B	S Khasa, MS Dahiya, A Agarwal, P Chand	Journal of Molecular Structure	1079	2015	15-20	0022-2860

45	Fabrication and microwave shielding properties of free standing polyaniline-carbon fiber thin sheets.	Seema Joon, Rakesh Kumar, Avinash Pratap Singh, Rajni Shukla and S.K.Dhawan	Materials Chemistry and Physics	160	2015	87-95	0254-0584
46	Finite Size Effect on Sm ³⁺ doped Mn _{0.5} Zn _{0.5} Sm _x Fe _{2-x} O ₄ (0 ≤ x ≤ 0.5) ferrite nanoparticles	Nisha Yadav, Ashok Kumar*, Pawan S Rana, Dinesh S Rana, Manju Arora, R. P. Pant	Ceramic International	41	2015	2623-8629	0272-8842
47	FTIR studies of some vanadyl ion doped calcium oxychloride borate glasses	S.Khasa, Manjeet, A. Agarwal	PROCEEDING OF INTERNATIONAL CONFERENCE ON RECENT TRENDS IN APPLIED	1536(1)	2015	671-672	978-0-7354-1160-9
48	Influence of SiO ₂ on the structural and dielectric properties of ZnO _{0.5} Bi ₂ O ₃ SiO ₂ glasses	R Bala, A Agarwal, S Sanghi, S Khasa	Journal of Integrated Science and Technology	3(1)	2015	42534	2321 6 4635
49	Lightweight and solution processible thin sheets of poly (o-toluidine)-carbon fiber-novlac composite for EMI shielding.	Seema Joon, Rakesh Kumar, Avinash Pratap Singh, Rajni Shukla and S.K.Dhawan	RSC Adv.	5	2015	55059-55065	2046-2069
50	Mossbauer and magnetization studies of mechanically milled nanocrystalline	Sandeep Rajan, Rajni Shukla, Anil Kumar, Anupam Vyas, S. Khan and Ranjeet	Canadian Journal of Physics	93(11)	2015	1257-1263	0008-4204
51	One-Pot Hydrothermal Synthesis of Porous SnO ₂ Nanostructures for Photocatalytic Degradation of Organic Pollutants	Ritu Malik, Vijay K. Tomer Surender Duhan, S. P. Nehra, and Pawan S. Rana	Energy and environment focus	4	2015	340-345	2326-3040

52	Optical absorption and heating rate dependent glass transition in vanadyl doped calcium oxy-chloride borate glasses	MS Dahiya, S Khasa, A Agarwal	Journal of Molecular Structure	1086	2015	172-178	0022-2860
53	Physical, thermal, structural and optical absorption studies of vanadyl doped magnesium oxy-chloride bismo-borate	MS Dahiya, S Khasa, A Agarwal	Journal of Asian Ceramic Societies	3(2)	2015	206-211	2187-0764
54	Quadrupole Transition Strength in the ^{74}Ni Nucleus and Core Polarization Effects in the Neutron-Rich Ni Isotopes	T. Marchi, ^{1,2,*} G. de Angelis, ¹ J. J. Valiente- Dobón, ¹ V. M. Bader, ³ T. Baugher, ³ D. Bazin, ³ J. Berryman, ³ A. Bonaccorso, ⁴ R. Clark, ⁵ L. Coraggio, ⁶ H. L. Crawford, ⁵ A. Gargano, ⁶ T. Glasmacher, ³ A. Gottardo, ¹ F. Gramegna, ¹ N. Itaco, ^{10,6} P. R. John, ^{8,2} R. Kumar, ¹¹ S. M. Lenzi, ^{8,2} M. Doncel, ⁷ E. Farnea, ⁸ A. Gade, ³ A. Gadea, ⁹ S. Lunardi, ^{8,2} S. McDaniel, ³ C. Michelagnoli, ^{8,2} D. Mengoni, ^{8,2} V. Modamio, ¹ D. R. Napoli, ¹ B. Quintana, ^{7,} A. Ratkiewicz, ³ F. Recchia, ^{8,2} E. Sahin, ¹ R. Stroberg, ³ D. Weisshaar, ³ K. Wimmer, ³ and R. Winkler ³	PHYSICA L REVIEW LETTERS , (American Physical society.)	113	2015	182501	2321-4635
55	Spectroscopic properties of Sm^{3+} doped lead bismosilicate glasses using Judd-Ofelt	Sunil Bhardwaj, Rajni Shukla, Sujata Sanghi, Ashish Agarwal,	Spectrochi mica Acta Part A	117	2015	191-197	1386-1425.

56	Structural analysis and dielectric characterization of Aurivillius type CaSrBi ₂ Nb ₂ O ₉ ceramics	S Khasa, P Singh, S Sanghi, N Singh, A Agarwal	Journal of Integrated Science and Technology	2(1)	2015	13-21	2321 6 4635
57	Structural and Dielectric Investigations of Ferrite Nanoparticles Prepared by Chemical	N Kumari, V Kumar, S Khasa, SK Singh	Journal of Advanced Physics	3(2)	2015	111-115	2168-1996
58	Structural and magnetic evolution of ball milled nanocrystalline Fe ₅₀ at% Al alloy as a	Sandeep Rajan, Rajni Shukla, Anil Kumar, Anupam Vyas, Ranjeet Kumar	Modern Physics Letter B,	29(10)	2015		0217-9849
59	Structural and magnetic evolution of ball milled nanocrystalline Fe-50 at.% Al alloy.	Sandeep Rajan, Rajni Shukla, Anil Kumar, Anupam Vyas, and Ranjeet Braipurija	International Journal of Materials Research	105	2015	42382	1862-5282
60	Structural and Morphological study of a series of ball milled nanocrystalline Fe _{1-x} Al _x (0.3 ≤ x ≤ 0.6) alloys	Sandeep Rajan, Rajni Shukla, Anil Kumar, Anupam Vyas and Ranjeet	J. of Modern Physics	5	2015	643-648	2153-120X
61	Structural Investigations of Lithium Vanadate Bismite-Borate Glasses	S.Khasa, Manjeet, A. Agarwal	Journal of Integrated Science and Technology	1(1)	2015	44-47	2321 6 4635
62	Structural study and DC conductivity of vanadyl doped zinc lithium borate glasses	S Khasa, MS Dahiya, A Yadav, A Agarwal, S Dahiya	AIP Conf. Proc.	1665(1)	2015	70012	1551-7616
63	Structural, dielectric and magnetic investigations on Al ₃₊ substituted Zn-	Naveen Kumari, Vinod Kumar, S. K. Singh	RSC Advances	5 (47)	2015	37925-37934	2046-2069
64	Structural, Dielectric and Thermal Investigations of Ni _{0.8} Zn _{0.2} Fe ₂ O ₄ Fine	A Bhoker, V Kumar, S Khasa	Advanced Science Focus	2(2)	2015	121-124	2330-0760

65	Structural, magnetic and dielectric properties of Sr and V doped BiFeO ₃ multiferroics	R Dahiya, A Agarwal, S Sanghi, A Hooda, P Godara	Journal of Magnetism and Magnetic Materials	385	2015	175	0304-8853
66	Study of EPR, optical properties and dc conductivity of VO ₂ + ion doped TiO ₂ -R ₂ O-B ₂ O ₃ (R = Li and K) glasses.	S. Khasa*, A. Agarwal, V.P. Seth, M. Arora	Journal of Alloys and Compounds	568	2015	112-117	0925-8388
67	Surfactant assisted hydro-thermal synthesis of porous 3-D hierarchical SnO ₂ nanoflowers for photocatalytic degradation of Rose Bengal	Ritu Malik, Vijay K. Tomer, Pawan S. Rana, S.P. Nehra, Surender Duhan	Material Letters	154	2015	124-127	0167-577X
68	Synthesis and characterization of Gd ³⁺ ion-doped Mn _{0.9} Zn ferrite	Ashok Kumar, M.S. Yadav	Magnetohydrodynamics	49 (3/4)	2015	301-305	0024-998X
69	Synthesis and Characterization of Nickel doped Zinc ferrite nanoparticles	Ashok Kumar, Parmod Kumar, Manoj Kumar	International Journal of IT & Knowledge Management		2015	228-230	0973-4414
70	The Synthesis and Characterization of Arc Melted Fe _{1-x} Al _x	Sandeep Rajan, Rajni Shukla, Anil Kumar, Anupam Vyas, Ranjeet Kumar	Journal of Applied Mathematics and Physics	1	2015	42468	2327-4352
71	Thermal characterization of novel magnesium oxyhalide bismo-borate glass doped with VO ₂ + ions	MS Dahiya, S Khasa, A Agarwal	Journal of Thermal Analysis and Calorimetry	121(2)	2015	42378	1388-6150
72	Visible light-driven mesoporous Au _{0.5} TiO ₂ /SiO ₂ photocatalysts for advanced oxidation process	Ritu Malik, Vandna Chaudhary, Vijay K. Tomer, Pawan S. Rana, S.P. Nehra, Surender Duhan	Ceramics International	42	2015	10892610901	0272-8842

73	Chemical Synthesis and magnetic investigations on Cr ³⁺ substituted Zn ferrite superparamagnetic nano-particles	Naveen Kumari, Vinod Kumar SatishKhasa and S.K.Singh	Ceramics International	41	2015	1907-1911	0272-8842
2	Effect of Cr ³⁺ substitution on properties of nano ZnFe ₂ O ₄	Naveen Kumari, Vinod Kumar and S.K. Singh	Jorurnal of Alloys &Compou nds	622	2015	628-634	0925-8388
74	Appearance of small polaron hopping conduction in iron modified cobalt lithium bismuth borate glasses	MS Dahiya, S Khasa, Arti Yadav, A Agarwal	DAE SOLID STATE PHYSICS SYMPOS IUM 2015	1731(1)	2016	70018	1551-7616
75	Development of Fe ₃ O ₄ based ferrofluid and ferrofluid based acceleration	NishaYadav, Dinesh Rana, B. D. Pant, Vinod Kumar	Sensor Letters	14	2016	402-406	1546-198X
76	Dielectric characterization VO 2+ doped CaCl 2ÉCaOÉB 2 O 3 glasses	MS Dahiya, A Agarwal, S Khasa	Materials Letters,	176	2016	241-243	1793-6047
77	Dielectric Properties and equivalent circuit Analysis of molybdenum doped lead lithium borate glasses	S Dalal, S Dahiya, MS Dahiya, S Khasa	Journal of Integrated Science and Technolog y	4(1)	2016	42373	2321 ó 4635
78	Dielectric properties of nickel doped bismuth lithium borate glasses	Seema Dalal, Sunita Dahiya, S Khasa	DAE SOLID STATE PHYSICS SYMPOS IUM 2015	1731(1)	2016	70020	1551-7616
79	Differences Between a Single- and a Double-Folding Nucleus-9Be Optical Potential	A. Bonaccorso · F. Carstoiu · R. J. Charity · R. Kumar, G. Salvioni	Few body system	57	2016	331-336	0177-7963
80	Effect of substituting iron on structural, thermal and dielectric properties of lithium borate glasses	S Dalal, S Khasa, MS Dahiya, A Agarwal, A Yadav, VP Seth,	Materials Research Bulletin	70	2016	559-566	0025-5408

81	EPR and impedance spectroscopic investigations on lithium bismuth borate glasses containing nickel and vanadium ions	A Yadav, S Khasa, A Hooda, MS Dahiya, A Agarwal, P Chand	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	157	2016	129-37	1386-1425
82	Facile Preparation of TiO ₂ -SnO ₂ Catalysts using TiO ₂ as an Auxiliary for Gas Sensing and Advanced Oxidation Processes	Ritu Malik, Vijay K. Tomer, Surender Duhan, Pawan S. Rana and S. P. Nehra	MRS Advances	1	2016	324763258	2059-8521
83	Facile Synthesis of Hybridized Mesoporous Au@TiO ₂ /SnO ₂ as Efficient Photocatalyst and Selective VOC Sensor	Ritu Malik Vijay K. Tomer Vandna Chaudhary, Manjeet S. Dahiya, Pawan S. Rana, S. P. Nehra and	Energy Technology & Environmental Science	1	2016	324763258	2365-6549
84	Lanthanide Ions Doped-SnO ₂ : A Stable and	Ritu Malik, Vandna Chaudhary, Pawan S. Rana, Vijay K. Tomer, and Surender Duhan	Energy and Environment Focus	5	2016	42377	2326-3040
85	Nano crystalline Bi ₂ (VO ₅) phases in lithium bismuth borate glasses containing mixed vanadium-nickel oxides	Arti Yadav, S Khasa, MS Dahiya, A Agarwal	DAE SOLID STATE PHYSICS SYMPOSIUM 2015	1731(1)	2016	70019	1551-7616
86	Nano gold supported on ordered mesoporous WO ₃ /SBA-15 hybrid nanocomposite for oxidative decolorization of azo dye	Ritu Malik, Pawan S. Rana, Vijay K. Tomer, Vandna Chaudhary, S.P. Nehra, Surender Duhan	Microporous and Mesoporous Materials	225	2016	245-254	1387-1811
87	Optical and thermal investigations on vanadyl doped zinc lithium borate glasses	S Dalal, S Khasa, MS Dahiya, A Yadav, A Agarwal, S	Journal of Asian Ceramic Societies	3(3)	2016	234-239	2187-0764
88	Structural, optical and thermal properties of transition metal ions doped bismuth borate glasses	M. S. Dahiya, S. Khasa, A Agarwal	Phys. Chem. Glasses: Eur. J. Glass Sci. Technol.	57(2)	2016	45-52	1753-3562

89	Synthesis, thermal and spectroscopic characterization of lithium bismuth borate glasses containing mixed transition metal ions	Arti Yadav, S Khasa, MS Dahiya, Seema Dalal, Ashima Hooda, A Agarwal	Physics and Chemistry of Glasses- European Journal of Glass Science and Technolog y Part B	57(3)	2016	146-152	1753-3562
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