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Specialization	:Solid State Physics, Nuclear Physics ,Material Science
Teaching Experience	:30 years
Research Experience	:34 years
Research Areas of Interests	: High-Temp. Superconductors, Magnetic Materials, Ferroelectric Materials, Composite Materials, Glass and Glass Ceramics ,Thin/ Thick Films, Nano-fluids, Nano-Composites, Magnetic Nanoparticles for Cancer therapy , Photocatalytic Activity and Hydrogen Production, Aerogels, Ultrasonics , Nano-Ferrites.
National/International Publications	:329
Conference Publications	: 195
Patent Granted	:04
Research Projects Completed	:05
Books Published	:07
Index and Citations	:Citations:11,740 h-index: 64, i-10Index: 174
Ph.D. Students Guided	:52
Organization of International & National level conferences	:04
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- **Name included in Top2% Scientist in World (Source: Stanford University-Elsevier) in 2021, 2022, 2023, 2024.**
- **Name included in Top2% Scientist in World (Source:A D Scientific Index) in 2021 ,2022 ,2023 ,2024.**

TITLE	Cited by	YEAR
Structural investigations and magnetic properties of cobalt ferrite nanoparticles prepared by sol–gel auto combustion method BG Toksha, SE Shirsath, SM Patange, KM Jadhav Solid State Communications 147 (11-12), 479-483	316	2008
Influential diamagnetic magnesium (Mg2+) ion substitution in nano-spinel zinc ferrite (ZnFe2O4): thermal, structural, spectral, optical and physisorption analysis SB Somvanshi, MV Khedkar, PB Kharat, KM Jadhav Ceramics International 46 (7), 8640-8650	282	2020
Structural and magnetic properties of In3+ substituted NiFe2O4 SE Shirsath, BG Toksha, KM Jadhav Materials Chemistry and Physics 117 (1), 163-168	265	2009
Synthesis, structural investigation and magnetic properties of Zn2+ substituted cobalt ferrite nanoparticles prepared by the sol–gel auto-combustion technique AV Raut, RS Barkule, DR Shengule, KM Jadhav Journal of Magnetism and Magnetic Materials 358, 87-92	213	2014
Effect of Zn doping on structural, magnetic and optical properties of cobalt ferrite nanoparticles synthesized via. Co-precipitation method DD Andhare, SR Patade, JS Kounsalye, KM Jadhav Physica B: Condensed Matter 583, 412051	206	2020
Effect of Zn substitution on magnetic properties of nanocrystalline cobalt ferrite SS Jadhav, SE Shirsath, SM Patange, KM Jadhav Journal of Applied Physics 108 (9)	201	2010
Effect of zinc substitution on structural and elastic properties of cobalt ferrite VG Patil, SE Shirsath, SD More, SJ Shukla, KM Jadhav Journal of Alloys and Compounds 488 (1), 199-203	199	2009
Hydrophobic to hydrophilic surface transformation of nano-scale zinc ferrite via oleic acid coating: magnetic hyperthermia study towards biomedical applications SB Somvanshi, PB Kharat, MV Khedkar, KM Jadhav Ceramics International 46 (6), 7642-7653	198	2020
Structural and magnetic behaviour of aluminium doped barium hexaferrite nanoparticles synthesized by solution combustion technique VN Dhage, ML Mane, AP Keche, CT Birajdar, KM Jadhav Physica B: Condensed Matter 406 (4), 789-793	190	2011
Structural, thermal, spectral, optical and surface analysis of rare earth metal ion (Gd3+) doped mixed Zn–Mg nano-spinel ferrites SB Somvanshi, SA Jadhav, MV Khedkar, PB Kharat, SD More, KM Jadhav Ceramics International 46 (9), 13170-13179	189	2020
Self-heating evaluation of superparamagnetic MnFe2O4 nanoparticles for magnetic fluid hyperthermia application towards cancer treatment SR Patade, DD Andhare, SB Somvanshi, SA Jadhav, MV Khedkar, ... Ceramics International 46 (16), 25576-25583	180	2020
Hyperthermic evaluation of oleic acid coated nano-spinel magnesium	179	2020

ferrite: enhancement via hydrophobic-to-hydrophilic surface transformation SB Somvanshi, SR Patade, DD Andhare, SA Jadhav, MV Khedkar, ... Journal of Alloys and Compounds 835, 155422		
Rietveld structure refinement, cation distribution and magnetic properties of Al3+ substituted NiFe2O4 nanoparticles SM Patange, SE Shirsath, GS Jangam, KS Lohar, SS Jadhav, KM Jadhav Journal of Applied Physics 109 (5)	170	2011
Electrical and magnetic properties of Cr3+ substituted nanocrystalline nickel ferrite SM Patange, SE Shirsath, BG Toksha, SS Jadhav, KM Jadhav Journal of applied physics 106 (2)	167	2009
Induction Heating Analysis of Surface-Functionalized Nanoscale $CoFe_2O_4$ for Magnetic Fluid Hyperthermia toward Noninvasive Cancer Treatment PB Kharat, SB Somvanshi, PP Khirade, KM Jadhav ACS omega 5 (36), 23378-23384	166	2020
Influence of trivalent Al–Cr co-substitution on the structural, morphological and Mössbauer properties of nickel ferrite nanoparticles VA Bharati, SB Somvanshi, AV Humbe, VD Murumkar, VV Sondur, ... Journal of Alloys and Compounds 821, 153501	159	2020
Magneto-structural and photocatalytic behavior of mixed Ni–Zn nano-spinel ferrites: visible light-enabled active photodegradation of rhodamine B SA Jadhav, SB Somvanshi, MV Khedkar, SR Patade, KM Jadhav Journal of Materials Science: Materials in Electronics 31, 11352-11365	152	2020
Surface modified sodium silicate based superhydrophobic silica aerogels prepared via ambient pressure drying process MV Khedkar, SB Somvanshi, AV Humbe, KM Jadhav Journal of Non-Crystalline Solids 511, 140-146	150	2019
Spinel zinc ferrite nanoparticles: an active nanocatalyst for microwave irradiated solvent free synthesis of chalcones RM Borade, SB Somvanshi, SB Kale, RP Pawar, KM Jadhav Materials Research Express 7 (1), 016116	149	2020
Influence of Ce4+ ions on the structural and magnetic properties of NiFe2O4 SE Shirsath, SS Jadhav, BG Toksha, SM Patange, KM Jadhav Journal of Applied Physics 110 (1)	148	2011
Autocombustion High-Temperature Synthesis, Structural, and Magnetic Properties of $CoCr_xFe_{2-x}O_4$ ($0 \le x \le 1.0$) BG Toksha, SE Shirsath, ML Mane, SM Patange, SS Jadhav, KM Jadhav The Journal of Physical Chemistry C 115 (43), 20905-20912	147	2011
Sol-gel auto combustion synthesis and characterizations of cobalt ferrite nanoparticles: Different fuels approach VR Bhagwat, AV Humbe, SD More, KM Jadhav Materials Science and Engineering: B 248, 114388	135	2019
Effect of aluminum substitution on the structural and magnetic properties of cobalt ferrite synthesized by sol–gel auto combustion process PS Aghav, VN Dhage, ML Mane, DR Shengule, RG Dorik, KM Jadhav	131	2011

Physica B: Condensed Matter 406 (23), 4350-4354		
Electrical and switching properties of NiAlxFe2− xO4 ferrites synthesized by chemical method SM Patange, SE Shirsath, KS Lohar, SS Jadhav, N Kulkarni, KM Jadhav Physica B: Condensed Matter 406 (3), 663-668	131	2011
Cation distribution, magnetic and hyperfine interaction studies of Ni–Zn spinel ferrites: role of Jahn Teller ion (Cu 2+) substitution AV Humbe, JS Kounsalye, SB Somvanshi, A Kumar, KM Jadhav Materials Advances 1 (4), 880-890	130	2020
Structural and optical properties of nanocrystalline Ni–Zn ferrite thin films SM Chavan, MK Babrekar, SS More, KM Jadhav Journal of Alloys and Compounds 507 (1), 21-25	130	2010
Network structure analysis of modifier CdO doped sodium borate glass using FTIR and Raman spectroscopy MM Hivrekar, DB Sable, MB Solunke, KM Jadhav Journal of Non-Crystalline Solids 474, 58-65	124	2017
Elastic properties of nanocrystalline aluminum substituted nickel ferrites prepared by co-precipitation method SM Patange, SE Shirsath, SP Jadhav, VS Hogade, SR Kamble, ... Journal of Molecular Structure 1038, 40-44	124	2013
Magnetic and dielectric properties of nanophase manganese-substituted lithium ferrite PP Hankare, RP Patil, UB Sankpal, SD Jadhav, IS Mulla, KM Jadhav, ... Journal of Magnetism and Magnetic Materials 321 (19), 3270-3273	121	2009
Magnetic study of substituted Mg–Mn ferrites synthesized by citrate precursor method BS Chauhan, R Kumar, KM Jadhav, M Singh Journal of magnetism and magnetic materials 283 (1), 71-81	118	2004
Synthesis and magnetic properties of NiFe2− xAlxO4 nanoparticles AT Raghavender, D Pajic, K Zadro, T Milekovic, PV Rao, KM Jadhav, ... Journal of Magnetism and Magnetic Materials 316 (1), 1-7	117	2007
Cation distribution by Rietveld, spectral and magnetic studies of chromium-substituted nickel ferrites SM Patange, SE Shirsath, BG Toksha, SS Jadhav, SJ Shukla, KM Jadhav Applied Physics A 95, 429-434	116	2009
Influential incorporation of RE metal ion (Dy3+) in yttrium iron garnet (YIG) nanoparticles: Magnetic, electrical and dielectric behaviour AB Bhosale, SB Somvanshi, VD Murumkar, KM Jadhav Ceramics International 46 (10), 15372-15378	110	2020
X-ray diffraction and cation distribution studies in zinc-substituted nickel ferrite nanoparticles DV Kurmude, RS Barkule, AV Raut, DR Shengule, KM Jadhav Journal of Superconductivity and Novel Magnetism 27, 547-553	105	2014
Structural studies of Mn doped ZnO nanoparticles BN Dole, VD Mote, VR Huse, Y Purushotham, MK Lande, KM Jadhav, ... Current Applied Physics 11 (3), 762-766	105	2011
Exploration of thermoacoustics behavior of water based nickel ferrite nanofluids by ultrasonic velocity method PB Kharat, SD More, SB Somvanshi, KM Jadhav	104	2019

Journal of Materials Science: Materials in Electronics 30, 6564-6574		
Dielectric properties of Al-substituted Co ferrite nanoparticles AT Raghavender, KM Jadhav Bulletin of Materials Science 32, 575-578	102	2009
Cation distribution study of nanocrystalline $NiFe_{2-x}Cr_xO_4$ ferrite by XRD, magnetization and Mössbauer spectroscopy SM Patange, SE Shirsath, SS Jadhav, KM Jadhav physica status solidi (a) 209 (2), 347-352	98	2012
Chemical synthesis, structural and magnetic properties of nano-structured Co–Zn–Fe–Cr ferrite ST Alone, SE Shirsath, RH Kadam, KM Jadhav Journal of alloys and compounds 509 (16), 5055-5060	97	2011
Multiferroic iron doped BaTiO3 nanoceramics synthesized by sol-gel auto combustion: influence of iron on physical properties PP Khirade, SD Birajdar, AV Raut, KM Jadhav Ceramics International 42 (10), 12441-12451	95	2016
Structural and Chemical Properties of ZnFe2O4 Nanoparticles Synthesised by Chemical Co-Precipitation Technique DD Andhare, SA Jadhav, MV Khedkar, SB Somvanshi, SD More, ... Journal of Physics: Conference Series 1644 (1), 012014	94	2020
Impact of Jahn Teller ion on magnetic and semiconducting behaviour of Ni-Zn spinel ferrite synthesized by nitrate-citrate route AV Humbe, AC Nawle, AB Shinde, KM Jadhav Journal of Alloys and Compounds 691, 343-354	94	2017
Effect of Nd3+ doping on structural and magnetic properties of Ni0. 5Co0. 5Fe2O4 nanocrystalline ferrites synthesized by sol-gel auto combustion method MK Kokare, NA Jadhav, Y Kumar, KM Jadhav, SM Rathod Journal of Alloys and Compounds 748, 1053-1061	92	2018
Structural, magnetic and dielectrical properties of Al–Cr Co-substituted M-type barium hexaferrite nanoparticles RC Alange, PP Khirade, SD Birajdar, AV Humbe, KM Jadhav Journal of Molecular Structure 1106, 460-467	91	2016
Effect of cation proportion on the structural and magnetic properties of Ni-Zn ferrites nano-size particles prepared by co-precipitation technique SJ Santosh, ES Sagar, BG Toksha, SJ Shukla, KM Jadhav Chinese journal of chemical physics 21 (4), 381	91	2008
Structure refinement, cation site location, spectral and elastic properties of Zn2+ substituted NiFe2O4 SE Shirsath, SM Patange, RH Kadam, ML Mane, KM Jadhav Journal of molecular structure 1024, 77-83	86	2012
Magnetically retrievable nanoscale nickel ferrites: an active photocatalyst for toxic dye removal applications SA Jadhav, MV Khedkar, SB Somvanshi, KM Jadhav Ceramics International 47 (20), 28623-28633	85	2021
Enhancement in surface area and magnetization of CoFe2O4 nanoparticles for targeted drug delivery application SB Kale, SB Somvanshi, MN Sarnaik, SD More, SJ Shukla, KM Jadhav AIP Conference Proceedings 1953 (1)	83	2018

Infrared spectral and elastic moduli study of NiFe2− xCrxO4 nanocrystalline ferrites SM Patange, SE Shirsath, KS Lohar, SG Algude, SR Kamble, N Kulkarni, ... Journal of magnetism and magnetic materials 325, 107-111	83	2013
Influence of chromium substitution on structural and magnetic properties of BaFe12O19 powder prepared by sol–gel auto combustion method VN Dhage, ML Mane, MK Babrekar, CM Kale, KM Jadhav Journal of alloys and compounds 509 (12), 4394-4398	82	2011
Investigation of structural and magnetic properties of nanocrystalline manganese substituted lithium ferrites PP Hankare, RP Patil, UB Sankpal, SD Jadhav, PD Lokhande, ... Journal of Solid State Chemistry 182 (12), 3217-3221	82	2009
Structural and magnetic properties of aluminium and chromium co-substituted cobalt ferrite DR Mane, UN Devatwal, KM Jadhav Materials Letters 44 (2), 91-95	80	2000
Temperature dependent viscosity of cobalt ferrite/ethylene glycol ferrofluids PB Kharat, SB Somvanshi, JS Kounsalye, SS Deshmukh, PP Khirade, ... AIP conference proceedings 1942 (1)	78	2018
Rietveld refinement and switching properties of Cr3+ substituted NiFe2O4 ferrites SM Patange, SE Shirsath, SS Jadhav, KS Lohar, DR Mane, KM Jadhav Materials Letters 64 (6), 722-724	77	2010
X-ray and infrared studies of chromium substituted magnesium ferrite VB Kawade, GK Bichile, KM Jadhav Materials Letters 42 (1-2), 33-37	76	2000
Effect of Cd2+ doping on structural, morphological, optical, magnetic and wettability properties of nickel ferrite thin films HJ Kardile, SB Somvanshi, AR Chavan, AA Pandit, KM Jadhav Optik 207, 164462	74	2020
Magnetic and dielectric properties of Mg_{1+x} Mn_{x}, Fe_{2-2x}, O_4 ferrite system AA Pandit, AR Shitre, DR Shengule, KM Jadhav Journal of materials science 40, 423-428	74	2005
Gamma irradiation induced damage creation on the cation distribution, structural and magnetic properties in Ni–Zn ferrite A Karim, SE Shirsath, SJ Shukla, KM Jadhav Nuclear Instruments and Methods in Physics Research Section B: Beam …	72	2010
Investigations of structural, magnetic and induction heating properties of surface functionalized zinc ferrite nanoparticles for hyperthermia applications SB Somvanshi, RV Kumar, JS Kounsalye, TS Saraf, KM Jadhav AIP conference proceedings 2115 (1)	71	2019
Remarkable influence of Ce4+ ions on the electronic conduction of Ni1− 2xCexFe2O4 SE Shirsath, SS Jadhav, BG Toksha, SM Patange, KM Jadhav Scripta Materialia 64 (8), 773-776	71	2011
Rietveld refinement, morphology and superparamagnetism of	68	2018

nanocrystalline Ni0. 70− xCuxZn0. 30Fe2O4 spinel ferrite AV Humbe, JS Kounsalye, MV Shisode, KM Jadhav Ceramics International 44 (5), 5466-5472		
Structural and electric properties of zinc substituted NiFe2O4 nanoparticles prepared by co-precipitation method SS Jadhav, SE Shirsath, BG Toksha, SM Patange, DR Shengule, ... Physica B: Condensed Matter 405 (12), 2610-2614	68	2010
Electrical and Dielectrical Properties of Low-Temperature-Synthesized Nanocrystalline Mg^{2+}-Substituted Cobalt Spinel Ferrite V Vinayak, PP Khirade, SD Birajdar, RC Alange, KM Jadhav Journal of Superconductivity and Novel Magnetism 28, 3351-3356	66	2015
Preparation and characterisations of magnetic nanofluid of zinc ferrite for hyperthermia SR Patade, DD Andhare, SB Somvanshi, PB Kharat, SD More, ... Nanomaterials and Energy 9 (1), 8-13	65	2020
Urea assisted synthesis of Ni1− xZnxFe2O4 (0≤ x≤ 0.8): magnetic and Mössbauer investigations SS Deshmukh, AV Humbe, A Kumar, RG Dorik, KM Jadhav Journal of Alloys and Compounds 704, 227-236	63	2017
Structural, Electrical, Dielectric, and Magnetic Properties of Cd^{2+} Substituted Nickel Ferrite Nanoparticles BH Devmunde, AV Raut, SD Birajdar, SJ Shukla, DR Shengule, ... Journal of Nanoparticles 2016 (1), 4709687	62	2016
Dielectric relaxation and ac conductivity of polyaniline–zinc ferrite composite R Patil, AS Roy, KR Anilkumar, KM Jadhav, S Ekhelikar Composites Part B: Engineering 43 (8), 3406-3411	62	2012
Cation distribution in nanocrystalline Al3+ and Cr3+ co-substituted CoFe2O4 SS More, RH Kadam, AB Kadam, AR Shite, DR Mane, KM Jadhav Journal of alloys and compounds 502 (2), 477-479	62	2010
Structural, morphological, optical, magnetic and electrical properties of Al3+ substituted nickel ferrite thin films AR Chavan, SD Birajdar, RR Chilwar, KM Jadhav Journal of Alloys and Compounds 735, 2287-2297	61	2018
Elastic behaviour of Cr3+ substituted Co–Zn ferrites SG Algude, SM Patange, SE Shirsath, DR Mane, KM Jadhav Journal of magnetism and magnetic materials 350, 39-41	61	2014
Impact of crystallites on enhancement of bandgap of Mn1-xZnxFe2O4 (1≥ x≥ 0) nanospinels SR Patade, DD Andhare, PB Kharat, AV Humbe, KM Jadhav Chemical Physics Letters 745, 137240	58	2020
Structural properties and cation distribution of Co–Zn nanoferrites SS Jadhav, SE Shirsath, BG Toksha, SM Patange, SJ Shukla, KM Jadhav International Journal of Modern Physics B 23 (30), 5629-5638	58	2009
X-ray diffraction and dielectric study of Co1− xCdxFe2− xCrxO4 ferrite system AR Shitre, VB Kawade, GK Bichile, KM Jadhav Materials Letters 56 (3), 188-193	58	2002
Deposition, characterization, magnetic and optical properties of Zn	57	2017

doped CuFe2O4 thin films AC Nawle, AV Humbe, MK Babrekar, SS Deshmukh, KM Jadhav Journal of Alloys and Compounds 695, 1573-1582		
Different property studies with network improvement of CdO doped alkali borate glass MM Hivrekar, DB Sable, MB Solunke, KM Jadhav Journal of Non-Crystalline Solids 491, 14-23	56	2018
Superparamagnetic behavior of zinc-substituted nickel ferrite nanoparticles and its effect on mossbauer and magnetic parameters DV Kurmude, CM Kale, PS Aghav, DR Shengule, KM Jadhav Journal of Superconductivity and Novel Magnetism 27, 1889-1897	56	2014
Effect of gamma irradiation on the structural and magnetic properties of Co–Zn spinel ferrite nanoparticles AV Raut, DV Kurmude, DR Shengule, KM Jadhav Materials Research Bulletin 63, 123-128	55	2015
Core-shell structured superparamagnetic Zn-Mg ferrite nanoparticles for magnetic hyperthermia applications SB Somvanshi, SA Jadhav, SS Gawali, K Zakde, KM Jadhav Journal of Alloys and Compounds 947, 169574	54	2023
Structural and magnetic properties of ZnxCul. 4− xMn0. 4Fel. 2O4 ferrites DS Birajdar, DR Mane, SS More, VB Kawade, KM Jadhav Materials Letters 59 (24-25), 2981-2985	54	2005
Structural, infrared, magnetic and ferroelectric properties of Sr0· 5Ba0· 5Ti1-xFexO3 nanoceramics: Modifications via trivalent Fe ion doping DN Bhoyar, SB Somvanshi, PB Kharat, AA Pandit, KM Jadhav Physica B: Condensed Matter 581, 411944	53	2020
Effect of Co2+ ions on structural, morphological and optical properties of ZnO nanoparticles synthesized by sol–gel auto combustion method SD Birajdar, VR Bhagwat, AB Shinde, KM Jadhav Materials Science in Semiconductor Processing 41, 441-449	53	2016
Low temperature LPG sensing properties of wet chemically grown zinc oxide nanoparticle thin film A Ghosh, R Sharma, A Ghule, VS Taur, RA Joshi, DJ Desale, YG Gudage, ... Sensors and Actuators B: Chemical 146 (1), 69-74	52	2010
Structural and magnetic properties of $Co_{1+y}Sn_yFe_{2-2y-x}Cr_xO_4$ ferrite system AA Pandit, SS More, RG Dorik, KM Jadhav Bulletin of Materials Science 26, 517-521	52	2003
X-ray, IR and bulk magnetic properties of $Cu_{1+x}Mn_xFe_{2-2x}O_4$ ferrite system DS Birajdar, UN Devatwal, KM Jadhav Journal of materials science 37, 1443-1448	52	2002
Rare earth-doped mixed Ni–Cu–Zn ferrites as an effective photocatalytic agent for active degradation of Rhodamine B dye SA Jadhav, SB Somvanshi, SS Gawali, K Zakde, KM Jadhav Journal of Rare Earths 42 (3), 488-496	48	2024
Electrical resistivity and Mössbauer studies of Cr substituted Co nano ferrites M Raghasudha, D Ravinder, P Veerasomaiah, KM Jadhav, M Hashim, ...	47	2017

Journal of Alloys and Compounds 694, 366-374		
Preparation and characterization of Co2+ substituted Li–Dy ferrite ceramics UB Shinde, SE Shirsath, SM Patange, SP Jadhav, KM Jadhav, VL Patil Ceramics International 39 (5), 5227-5234	46	2013
Cu2+ substituted NiFe2O4 thin films via spray pyrolysis technique and their high-frequency devices application AR Chavan, JS Kounsalye, RR Chilwar, SB Kale, KM Jadhav Journal of Alloys and Compounds 769, 1132-1145	45	2018
Frequency, temperature and In3+ dependent electrical conduction in NiFe2O4 powder SE Shirsath, BG Toksha, ML Mane, VN Dhage, DR Shengule, KM Jadhav Powder technology 212 (1), 218-223	45	2011
Effect of Annealing Temperature on Structural, Morphological, Optical and Magnetic Properties of $NiFe_2O_4$ Thin Films AR Chavan, RR Chilwar, PB Kharat, KM Jadhav Journal of Superconductivity and Novel Magnetism 31 (9), 2949-2958	44	2018
Magnetic and electrical properties of aluminium and chromium co-substituted yttrium iron garnets VD Murumkar, KB Modi, KM Jadhav, GK Bichile, RG Kulkarni Materials Letters 32 (4), 281-285	43	1997
Electrical and dielectric properties of silicon substituted cobalt ferrites SS Shinde, KM Jadhav Materials Letters 37 (1-2), 63-67	42	1998
Effect of 100 kGy γ-irradiation on the structural, electrical and magnetic properties of CoFe2O4 NPs AV Raut, DV Kurmude, SA Jadhav, DR Shengule, KM Jadhav Journal of Alloys and Compounds 676, 326-336	41	2016
Inter-atomic bonding and dielectric polarization in Gd3+ incorporated Co-Zn ferrite nanoparticles RA Pawar, SS Desai, SM Patange, SS Jadhav, KM Jadhav Physica B: Condensed Matter 510, 74-79	40	2017
Visible light photocatalytic activity of magnetically diluted Ni–Zn spinel ferrite for active degradation of rhodamine B SA Jadhav, MV Khedkar, DD Andhare, SB Gopale, KM Jadhav Ceramics International 47 (10), 13980-13993	39	2021
Synthesis, structural, morphological, optical and magnetic properties of Zn1− xCoxO (0≤ x≤ 0.36) nanoparticles synthesized by sol-gel auto combustion method SD Birajdar, PP Khirade, VR Bhagwat, AV Humbe, KM Jadhav Journal of Alloys and Compounds 683, 513-526	37	2016
Effects of Nd: YAG laser irradiation on structural and magnetic properties of Li0. 5Fe2. 5O4 ML Mane, R Sundar, K Ranganathan, SM Oak, KM Jadhav Nuclear Instruments and Methods in Physics Research Section B: Beam …	36	2011
Preparation and Thermophysical Investigations of $CoFe_2O_4$-based Nanofluid: a Potential Heat Transfer Agent PB Kharat, JS Kounsalye, MV Shisode, KM Jadhav Journal of Superconductivity and Novel Magnetism 32, 341-351	35	2019
Effect of Fe – substitution on phase transformation, optical, electrical	35	2016

and dielectrical properties of $BaTiO_3$ nanoceramics synthesized by sol-gel auto combustion … PP Khirade, SD Birajdar, AV Raut, KM Jadhav Journal of Electroceramics 37, 110-120		
Physicochemical properties of ambient pressure dried surface modified silica aerogels: effect of pH variation MV Khedkar, SA Jadhav, SB Somvanshi, PB Kharat, KM Jadhav SN Applied Sciences 2, 1-10	34	2020
Room temperature ferromagnetism and photoluminescence of multifunctional Fe doped BaZrO3 nanoceramics PP Khirade, SD Birajdar, AB Shinde, KM Jadhav Journal of Alloys and Compounds 691, 287-298	34	2017
Synthesis, structural, electrical and dielectric properties of Zn–Zr doped strontium hexaferrite nanoparticles RR Bhosale, RS Barkule, DR Shengule, KM Jadhav Journal of Materials Science: Materials in Electronics 24, 3101-3107	34	2013
Modifications in structural, cation distribution and magnetic properties of 60Co gamma irradiated Li-ferrite ML Mane, SE Shirsath, VN Dhage, KM Jadhav Nuclear Instruments and Methods in Physics Research Section B: Beam …	34	2011
Auto-ignition synthesis of CoFe2O4 with Al3+ substitution for high frequency applications BG Toksha, SE Shirsath, ML Mane, KM Jadhav Ceramics International 43 (16), 14347-14353	33	2017
Structural, Electrical and Dielectrical Property Investigations of Fe-Doped $BaZrO_3$ Nanoceramics PP Khirade, SD Birajdar, AV Humbe, KM Jadhav Journal of Electronic Materials 45, 3227-3235	32	2016
Cobalt ferrite magnetic nanoparticles as highly efficient catalyst for the mechanochemical synthesis of 2-aryl benzimidazoles RM Borade, SB Kale, SU Tekale, KM Jadhav, RP Pawar Catalysis Communications 159, 106349	31	2021
Green synthesis of NiFe2O4 nanoparticles using different fuels and their structural characterization GD Kulkarni, SR Patade, RR Parlikar, RR Chilwar, TS Saraf, KM Jadhav Journal of Physics: Conference Series 1644 (1), 012003	31	2020
Magnetic properties of nanocrystalline Al doped nickel ferrite synthesized by the sol-gel method AT Raghavender, RG Kulkarni, KM Jadhav Chinese journal of physics 46 (3), 366-375	31	2008
Structural and magnetic properties of zinc-and aluminum-substituted cobalt ferrite prepared by co-precipitation method ST Alone, KM Jadhav Pramana 70, 173-181	31	2008
Bulk magnetic properties of cobalt ferrite doped with Si4+ ions SS Shinde, KM Jadhav Journal of materials science letters 17 (10), 849-851	31	1998
Effect of magnesium substitution on the structural, morphological, optical and wettability properties of cobalt ferrite thin films GL Jadhav, SD More, CM Kale, KM Jadhav	30	2019

Physica B: Condensed Matter 555, 61-68		
Nanocrystalline $Ni_{0.70-x}Cu_xZn_{0.30}Fe_2O_4$ with $0 \le x \le 0.25$ prepared by nitrate-citrate route: structure, morphology and electrical investigations AV Humbe, PB Kharat, AC Nawle, KM Jadhav Journal of Materials Science: Materials in Electronics 29, 3467-3481	30	2018
Structural, Microstructural, and Magnetic Studies on Magnesium (Mg^{2+})-Substituted $CoFe_2O_4$ Nanoparticles V Vinayak, PP Khirade, SD Birajdar, DB Sable, KM Jadhav Journal of Superconductivity and Novel Magnetism 29, 1025-1032	28	2016
Effect of γ-radiation on structural, morphological, magnetic and dielectric properties of Zn–Cr substituted nickel ferrite nanoparticles VK Mande, JS Kounsalye, SK Vyawahare, KM Jadhav Journal of Materials Science: Materials in Electronics 30, 56-68	26	2019
Influence of Ti^{4+} ion substitution on structural, electrical and dielectric properties of $Li_{0.5}Fe_{2.5}O_4$ nanoparticles JS Kounsalye, PB Kharat, MV Shisode, KM Jadhav Journal of Materials Science: Materials in Electronics 28, 17254-17261	26	2017
Influence of Al–Cr co-substitution on physical properties of strontium hexaferrite nanoparticles synthesized by sol–gel auto combustion method RC Alange, PP Khirade, SD Birajdar, KM Jadhav Journal of Materials Science: Materials in Electronics 28, 407-417	26	2017
Structural and dielectric properties of Ni-Zn ferrite nanoparticles prepared by co-precipitation method SS Jadhav, SE Shirsath, BG Toksha, DR Shengule, KM Jadhav Journal of optoelectronics and advanced materials 10 (10), 2644-2648	26	2008
Structural, magnetization and susceptibility studies on cobalt–ferri-aluminates synthesized by wet-chemical method KM Jadhav, VB Kawade, KB Modi, GK Bichile, RG Kulkarni Physica B: Condensed Matter 291 (3-4), 379-386	26	2000
Synthesis and Characterization of Spray Deposited Lithium Ferrite Thin Film RR Chilwar, SB Somvanshi, AR Chavan, PB Kharat, MK Babrekar, ... Int. Res. J. of Science & Engineering 2017 (A1), 73-76	25*	2017
Low temperature synthesis of magnesium doped cobalt ferrite nanoparticles and their structural properties KMJ Vithal Vinayak1, Pankaj P. Khirade2, Shankar D. Birajdar2, P.K.Gaikwad3 ... International Advanced Research Journal in Science, Engineering and …	25	2015
Effects of Nd: YAG laser irradiation on structural, morphological, cation distribution and magnetic properties of nanocrystalline CoFe2O4 ML Mane, VN Dhage, R Sundar, K Ranganathan, SM Oak, DR Shengule, ... Applied surface science 257 (20), 8511-8517	25	2011
Measurement of atomic number and mass attenuation coefficient in magnesium ferrite RH Kadam, ST Alone, GK Bichile, KM Jadhav Pramana 68, 869-874	25	2007
Rietveld refined structural, morphological, Raman and magnetic investigations of superparamagnetic Zn–Co nanospinel ferrites prepared by cost-effective co-precipitation route DD Andhare, SR Patade, SA Jadhav, SB Somvanshi, KM Jadhav	24	2021

Applied Physics A 127, 1-13		
Effect of zinc doping on water-based manganese ferrite nanofluids for magnetic hyperthermia application SR Patade, DD Andhare, SB Somvanshi, PB Kharat, KM Jadhav AIP Conference Proceedings 2265 (1)	24	2020
Rietveld, cation distribution and elastic investigations of nanocrystalline Li0. 5+ 0.5 xZrxFe2. 5-1.5 xO4 synthesized via sol-gel route JS Kounsalye, AV Humbe, AR Chavan, KM Jadhav Physica B: Condensed Matter 547, 64-71	24	2018
Structural, Microstructural, Magnetic, and Ferroelectric Properties of Ba^{2+}-Doped $BiFeO_3$ Nanocrystalline Multifferroic Material MV Shisode, DN Bhoyar, PP Khirade, KM Jadhav Journal of Superconductivity and Novel Magnetism 31, 2501-2509	24	2018
Effect of cadmium substitution on structural and magnetic properties of nano sized nickel ferrite SP Jadhav, BG Toksha, KM Jadhav, ND Shinde Chinese Journal of Chemical Physics 23 (4), 459	24	2010
Dielectric behaviour study of nanocrystalline Co-Zn ferrite SS Jadhav, SM Patange, KM Jadhav Journal of Biomedical and Bioengineering 1 (1), 21-29	24	2010
Magnetic properties of the mixed spinel $Co_{1+x}Si_xFe_{2-2x}O_4$ SS Shinde, KM Jadhav, GK Bichile, BS Trivedi, RG Kulkarni Bulletin of Materials Science 21, 409-413	23	1998
Investigations of magnetic and ferroelectric properties of multiferroic Sr-doped bismuth ferrite MV Shisode, JS Kounsalye, AV Humbe, RC Kambale, KM Jadhav Applied Physics A 124, 1-11	22	2018
Synthesis and characterization of water based NiFe2O4 ferrofluid PB Kharat, MV Shisode, SD Birajdar, DN Bhoyar, KM Jadhav AIP Conference Proceedings 1832 (1)	22	2017
Sol-gel auto combustion synthesis, electrical and dielectric properties of Zn1− xCoxO (0.0≤ x≤ 0.36) semiconductor nanoparticles SD Birajdar, PP Khirade, TS Saraf, RC Alange, KM Jadhav Journal of Alloys and Compounds 691, 355-363	22	2017
Mössbauer spectral studies of Ti4+ substituted nickel ferrite CM Kale, PP Bardapurkar, SJ Shukla, KM Jadhav Journal of magnetism and magnetic materials 331, 220-224	22	2013
Magnetic properties of mixed cobalt-aluminum ferrite nanoparticles AT Raghavender, RG Kulkarni, KM Jadhav Chinese journal of physics 48 (4), 512-522	22	2010
Wet chemical synthesis and investigations of structural and dielectric properties of BaTiO3 nanoparticles SP More, MV Khedkar, SA Jadhav, SB Somvanshi, AV Humbe, ... Journal of Physics: Conference Series 1644 (1), 012007	21	2020
Effect of Zn^{2+}–Cr^{3+} substitution on structural, morphological, magnetic and electrical properties of $NiFe_2O_4$ ferrite nanoparticles VK Mande, DN Bhoyar, SK Vyawahare, KM Jadhav Journal of Materials Science: Materials in Electronics 29, 15259-15270	21	2018
Presence of intrinsic defects and transition from diamagnetic to	21	2016

ferromagnetic state in Co^{2+} ions doped ZnO nanoparticles SD Birajdar, PP Khirade, AV Humbe, KM Jadhav Journal of Materials Science: Materials in Electronics 27, 5575-5583		
Evaluation of thermoacoustics parameters of $CoFe_2O_4$–ethylene glycol nanofluid using ultrasonic velocity technique PB Kharat, AR Chavan, AV Humbe, KM Jadhav Journal of Materials Science: Materials in Electronics 30, 1175-1186	20	2019
Nd: YAG laser irradiation effects on the structural and magnetic properties of polycrystalline cobalt ferrite ML Mane, VN Dhage, SE Shirsath, R Sundar, K Ranganathan, SM Oak, ... Journal of Molecular Structure 1035, 27-30	20	2013
X-ray Diffraction, Infrared and Magnetic Studies of NiFe2O4 Nanoparticles SB Gopale, GN Kakade, GD Kulkarni, V Vinayak, SP Jadhav, KM Jadhav Journal of Physics: Conference Series 1644 (1), 012010	19	2020
Structure, Morphology, Cation Distribution and Magnetic Properties of Cr^{3+}-Substituted $CoFe_2O_4$ Nanoparticles VS Shinde, V Vinayak, SP Jadhav, ND Shinde, AV Humbe, KM Jadhav Journal of Superconductivity and Novel Magnetism 32, 945-955	19	2019
Structural, magnetic and catalytical properties of cobalt ferrite nanoparticles dispersed in silica matrix PP Bardapurkar, SS Shewale, NP Barde, KM Jadhav Materials Research Express 6 (4), 045055	19	2019
L-Ascorbic acid assisted synthesis and characterization of $CoFe_2O_4$ nanoparticles at different annealing temperatures GH Kale, AV Humbe, SD Birajdar, AB Shinde, KM Jadhav Journal of Materials Science: Materials in Electronics 27, 2151-2158	19	2016
Effect of Al doping on the cation distribution in copper ferrite nanoparticles and their structural and magnetic properties AT Raghavender, SE Shirsath, D Pajic, K Zadro, T Milekovic, KM Jadhav, ... Journal of the Korean Physical Society 61, 568-574	19	2012
Thermophysical investigations of ultrasonically assisted magnetic nanofluids for heat transfer PB Kharat, AV Humbe, JS Kounsalye, KM Jadhav Journal of Superconductivity and Novel Magnetism 32, 1307-1317	18	2019
Investigations on the synthesis, structural and microstructural characterizations of Ba1-x Sr x ZrO3 nanoceramics PP Khirade, AB Shinde, AV Raut, SD Birajdar, KM Jadhav Ferroelectrics 504 (1), 216-229	17	2016
Impact of trivalent metal ion substitution on structural, optical, magnetic and dielectric properties of Li0. 5Fe2. 5O4 thin films RR Chilwar, AR Chavan, MK Babrekar, KM Jadhav Physica B: Condensed Matter 566, 43-49	16	2019
Influence of Nd: YAG laser irradiation on AC impedance and dielectric properties of lithium ferrite ML Mane, VN Dhage, K Ranganathan, SM Oak, KM Jadhav Radiation Effects & Defects in Solids 166 (6), 435-444	16	2011
Intensive analysis of uncoated and surface modified Co-Zn nanoferrite as a heat generator in magnetic fluid hyperthermia applications DD Andhare, SR Patade, MV Khedkar, AA Nawpute, KM Jadhav	15	2022

Applied Physics A 128 (6), 502		
Synthesis and characterizations of magnetically inductive Mn–Zn spinel ferrite nanoparticles for hyperthermia applications SR Patade, DD Andhare, MV Khedkar, SA Jadhav, KM Jadhav Journal of Materials Science: Materials in Electronics 32, 13685-13692	15	2021
Electric, dielectric and AC electrical conductivity study of Al3+ substituted barium hexaferrite nanoparticles synthesized by Sol-gel auto-combustion technique VN Dhage, ML Mane, SB Rathod, SM Rathod, KM Jadhav Materials Today: Proceedings 47, 1982-1987	15	2021
Structural and dielectric properties of mixed spinel ferrite Cu (0.7) Zn (0.3) Fe2O4 nanoparticles SB Kale, RM Borade, JS Kounsalye, AV Raut, SR Nimbhore, KM Jadhav Journal of Physics: Conference Series 1644 (1), 012012	15	2020
Influence of Cr^{3+} substitution on structural, morphological, optical, and magnetic properties of nickel ferrite thin films AR Chavan, MV Shisode, PG Undre, KM Jadhav Applied Physics A 125, 1-9	15	2019
Radiation-induced modifications in structural, electrical and dielectric properties of Ti^{4+} ions substituted $Li_{0.5}Fe_{2.5}O_4$ nanoparticles JS Kounsalye, PB Kharat, DN Bhoyar, KM Jadhav Journal of Materials Science: Materials in Electronics 29, 8601-8609	15	2018
Structural and magnetic characterization of 100-kGy Co^{60} *γ*-ray-irradiated $ZnFe_2O_4$ NPs by XRD, W–H plot and ESR AV Raut, SA Jadhav, DR Shengule, KM Jadhav Journal of Sol-Gel Science and Technology 79, 1-11	15	2016
Investigations on a High-conductivity Solid Electrolyte System, Bi2O3–Y2O3 KV Kale, KM Jadhav, GK Bichile Journal of materials science letters 18 (1), 9-11	15	1999
Green synthesis and investigations of structural, cation distribution, morphological, and magnetic properties of nanoscale nickel ferrites: the effect of green fuel proportion GD Kulkarni, MV Khedkar, SB Somvanshi, RM Borade, SD More, ... Phase Transitions 94 (12), 994-1005	14	2021
Ferromagnetism in Cu^{2+} doped ZnO nanoparticles and their physical properties PG Undre, PB Kharat, RV Kathare, KM Jadhav Journal of Materials Science: Materials in Electronics 30, 4014-4025	14	2019
Study of bulk magnetic properties of the mixed spinel $MgCr_xFe_{2-x}O_4$ SJ Shukla, KM Jadhav, GK Bichile NISCAIR-CSIR, India	14	2001
Enhancement of Electrical Resistivity in Nickel Doped ZnO Nanoparticles PG Undre, SD Birajdar, RV Kathare, KM Jadhav Procedia Manufacturing 20, 477-480	13	2018
Effect of Ba^{2+} – Sr^{2+} co-substitution on the structural and dielectric properties of Lead Titanate PP Bardapurkar, NP Barde, DP Thakur, KM Jadhav, GK Bichile Journal of electroceramics 29, 62-70	13	2012

Structural and electrical properties of Sm3+ doped Co-Zn Ferrite GB Kadam, SB Shelke, KM Jadhav Journal of Electronic and Electrical Engineering 1, 15-25	13	2010
Nonlinear Optical Limiting and Radiation Shielding Characteristics of Sm_2O_3 Doped Cadmium Sodium Lithium Borate Glasses AH Almuqrin, J Gangareddy, MM Hivrekar, AG Pramod, MI Sayyed, ... Materials 15 (6), 2330	12	2022
Influence of manganese (Mn) substitution on structural, infrared and dielectric properties of $BaTiO_3$ nanoceramics SP More, MV Khedkar, DD Andhare, AV Humbe, KM Jadhav Journal of Materials Science: Materials in Electronics 31, 19756-19763	12	2020
Multiferroic Fe3+ ion doped BaTiO3 Perovskite Nanoceramics: Structural, Optical, Electrical and Dielectric Investigations DN Bhoyar, SB Somvanshi, PB Nalle, VK Mande, AA Pandit, KM Jadhav Journal of Physics: Conference Series 1644 (1), 012058	12	2020
Polyethylene glycol coated CoFe2O4 nanoparticles: a potential spinel ferrite for biomedical applications AV Humbe, SD Birajdar, JM Bhandari, NN Waghule, VR Bhagwat, ... AIP Conference Proceedings 1665 (1)	12	2015
Influence of Mg2+ substitution on magnetic properties of Co–Fe–Cr–O spinel ferrite system SJ Shukla, KM Jadhav, GK Bichile Journal of magnetism and magnetic materials 195 (3), 692-698	12	1999
Structural phase transition in substituted La_2CuO_4 and Pr_2CuO_{4-y} M Chaudhri, KB Modi, KM Jadhav, GK Bichile Pramana 48, 883-890	12	1997
Magnetic properties of nickel ferri aluminates OG Mundada, KB Modi, KM Jadhav, GK Bichile Indian journal of pure & applied physics 35 (9), 554-559	12	1997
Influence of nickel substitution on flux pinning and critical currents in YBa2Cu3O7− δ GK Bichile, DG Kuberkar, KM Jadhav, SS Shah, RG Kulkarni Cryogenics 31 (9), 833-838	12	1991
Ultrasonic investigations of molecular interactions in aqueous electrolytic solutions at varying temperatures BR Shinde, KM Jadhav J. Eng. Res. Stud 1, 128-137	11	2010
Structural and multiferroic properties of Ba2+ doped BiFeO3 nanoparticles synthesized via sol-gel method MV Shisode, PB Kharat, DN Bhoyar, V Vinayak, MK Babrekar, KM Jadhav AIP Conference Proceedings 1953 (1)	10	2018
Symmetry transition via tetravalent impurity and investigations on magnetic properties of Li0. 5Fe2. 5O4 JS Kounsalye, PB Kharat, AR Chavan, AV Humbe, RM Borade, ... AIP Conference Proceedings 1942 (1)	10	2018
Rietveld refinement and electrical properties of LiTiFeO4 JS Kounsalye, AV Humbe, PP Khirade, AR Chavan, KM Jadhav AIP Conference Proceedings 1832 (1)	10	2017
Diamagnetic Al^{3+} Doped Ni–Zn Spinel Ferrite: Rietveld Refinement, Elastic, Magnetic, Mössbauer, and Electrical Explorations	9	2023

PG Undre, AV Humbe, JS Kounsalye, A Kumar, RV Kathare, KM Jadhav Journal of Inorganic and Organometallic Polymers and Materials 33 (11), 3372 …		
Electrical, dielectric and magnetic properties of Mn2+ substitution in barium hexaferrites nanoparticles SK Fasate, PS Salunke, SA Rode, ST Alone, KM Jadhav Materials Today: Proceedings 92, 980-985	9	2023
Impact of Trivalent Metal Ion Doping on Structural, Photoluminescence and Electric Properties of $NiFe_2O_4$ Thin Films AR Chavan, MK Babrekar, AC Nawle, KM Jadhav Journal of Electronic Materials 48, 5184-5194	9	2019
Structural and electrical properties of Ni-Zn ferrite nanoparticles: influence of mixed fuel approach VR Bhagwat, MN Sarnaik, VD Murumkar, KM Jadhav Int. Adv. Res. J. Sci. Eng. Technol. 4, 36-38	9	2017
Crystallographic and infrared spectral investigations of Mg2? substituted cobalt ferrite nanoparticles prepared by sol–gel auto combustion technique VV Dhole, PP Khirade, CM Kale, VG Patil, ND Shinde, KM Jadhav Eng. Technol 3, 387-391	9	2015
Evaluation of thermal conductivity of the NiFe2O4 ferrofluids under influence of magnetic field PB Kharat, SA Jadhav, SS Deshmukh, AP Keche, SD More, MN Sarnaik, ... AIP Conference Proceedings 2115 (1)	8	2019
Effect of iron oxide (Fe_2O_3) on the structural, optical, electrical, and dielectric properties of $SrO–V_2O_5$ glasses DB Sable, PP Khirade, SD Birajdar, AA Pandit, KM Jadhav Glass Physics and Chemistry 43, 302-312	8	2017
Magnetic properties of Ni-Zn ferrites doped with Ti4+ ions OG Mundada, KM Jadhav, GK Bichile, NN Jani, BS Trivedi, RG Kulkarni Journal of materials science letters 16, 432-434	8	1997
Suppression of superconductivity in Er1-xCaxBa2Cu3Oy by hole doping and pair breaking GK Bichile, RL Raibagkar, KM Jadhav, DG Kuberkar, RG Kulkarni Solid state communications 88 (8), 629-632	8	1993
Effect of iron doping on structural, DC electrical resistivity and ferroelectric properties of BaTiO3 nanoceramics S More, MV Khedkar, GD Kulkarni, P Kadhane, R Kamble, KM Jadhav Optik 247, 167913	7	2021
50 kGy–100 kGy ^{60}Co γ-irradiation effects on structural and DC-electrical properties of sol–gel synthesized ZnF NPs AV Raut, PP Khirade, DR Shengule, KM Jadhav Journal of Materials Science: Materials in Electronics 32, 11017-11027	7	2021
Structural, Morphological and Magnetic Properties of Cu2+ Doped ZnO Nanoparticles PG Undre, PB Kharat, JS Kounsalye, RV Kathare, KM Jadhav Journal of Physics: Conference Series 1644 (1), 012008	7	2020
Doping Effect of Fe Ions on the Structural, Electrical, and Magnetic Properties of $SrTiO_3$ Nanoceramic Matrix DN Bhoyar, JS Kounsalye, PP Khirade, AA Pandit, KM Jadhav Journal of Superconductivity and Novel Magnetism 32, 1395-1406	7	2019

Preparation and diverse properties of cobalt ferrite ferrofluid PB Kharat, AVH JSK, SD Birajdar, K Jadhav Int. J. Adv. Res. Basic Appl. Sci.(2), 106-109	7	2017
Structural and dielectrical properties of pure and strontium doped barium titanate nanoparticles by sol-gel auto combustion method PM Kshirsagar, PP Khirade, DN Bhoyar, SJ Shukla, KM Jadhav Ijiset 4 (2), 5	7	2017
Effect of drug Piper nigrum on physicochemical properties of zinc chloride at varying concentration and temperature investigated through ultrasonic tool PB Nalle, SD Birajdar, BR Shinde, RG Dorik, KM Jadhav Cogent Chemistry 2 (1), 1216721	7	2016
Effect of swift heavy ion irradiation on the physical properties of CuIn (S0. 4Se0. 6) 2 alloy thin films prepared by solution growth technique SD Chavhan, NG Deshpande, YG Gudage, A Ghosh, RR Ahire, SV Borse, ... Radiation Physics and Chemistry 77 (6), 794-798	7	2008
Influence of Al3+-Gd3+ co-substitution on the structural, morphological, magnetic and optical properties of nickel ferrite nanoparticles SB Gopale, MV Khedkar, SA Jadhav, AV Raut, SS Karad, GD Kulkarni, ... Journal of Materials Science: Materials in Electronics 33 (35), 26544-26563	6	2022
Third-order nonlinear optical properties of Sm2O3 activated cadmium alkali borate glasses MM Hivrekar, G Jagannath, AG Pramod, DA Aloraini, AH Almuqrin, ... Optical Materials 127, 112313	6	2022
Influence of Ba^{2+} on Opto-Electric Properties of Nanocrystalline $BiFeO_3$ Multiferroic MV Shisode, AV Humbe, PB Kharat, KM Jadhav Journal of Electronic Materials 48, 358-367	6	2019
Tartaric acid a novel fuel approach: synthesis and characterization of CoFe2O4 nano particles G Kale, AV Humbe, P Kharat, D Bhoyar, K Jadhav Bionano Frontier 8 (3), 146-148	6	2015
Structural, magnetic and magnetoelectric properties of the magnetoelectric composite material DR Sapate, CM Kale, AA Pandit, KM Jadhav Journal of Materials Science: Materials in Electronics 25, 3659-3663	6	2014
Synthesis, characterization and magnetic properties of cobalt ferrite nanoparticles prepared by glycine assisted Sol-Gel auto-combustion technique AB Shinde, GH Kale, VN Dhage, PK Gaikwad, KM Jadhav Solid State Phenomena 209, 31-34	6	2014
The effect of oxidizing agents on the electrical properties of cobalt ferrite SM Patange, KS Lohar, SE Shrisath, BG Toksha, SS Jadhav, N Kulkarni, ... Physica Scripta 82 (4), 045703	6	2010
STRUCTURAL, MORPHOLOGICAL CHARACTERIZATION OF Fe 2-x Al x CoO 4 NANOPARTICLES SYNTHESIZED BY SOL-GEL METHOD AT Raghavender, KM Jadhav	6	2009

International Journal of Modern Physics B 23 (02), 223-234		
Magnetic Properties of Nickel Ferrite Magnetic Nanoparticles Prepared via Glycine Assisted Sol-Gel Auto Combustion Route S Bajaj, P Patil, GN Kakade, SD Tapsale, KM Jadhav, S Shinde Journal of Physics: Conference Series 1644 (1), 012022	5	2020
Effect of RE (Nd3+, Sm3+) oxide on structural, optical properties of Na2O-Li2O-ZnO-B2O3 glass system MM Hivrekar, DN Bhoyar, VK Mande, VV Dhole, MB Solunke, KM Jadhav AIP Conference Proceedings 1953 (1)	5	2018
X-ray and infrared studies on superparamagnetic Ni–Zn ferrite nanocrystals DV Kurmude, AB Shinde, AA Pandit, CM Kale, DR Shengule, KM Jadhav Journal of Superconductivity and Novel Magnetism 28, 1759-1766	5	2015
Synthesis and Characterizations of Zirconium (Zr 4+) Substituted Cobalt Ferrite (CoFe2O4) Nanoparticles Synthesized Via Sol-Gel Auto Combustion Technique JB Mote, LB Jadhavar, VV Dhole, PP Khirade, KM Jadhav International Journal of Advanced Research in Physical Science, 1, 46 52	5	2014
Structural and electrical conductivity studies in nickel ferrite nano-particles RS Barkule, DV Kurmude, AV Raut, NN Waghule, KM Jadhav, ... Solid State Phenomena 209, 177-181	5	2014
Investigation of physicochemical behaviour of ion-solvent interactions using ultrasonic techniques in DMSO drug at different temperatures BR Shinde, KM Jadhav Pharmacologyonline 2, 533-541	5	2010
Mössbauer study of Al and Cr co-substituted Yttrium iron garnets VD Murumkar, DR Shengule, GK Bichile, KM Jadhav Hyperfine Interactions 192, 93-100	5	2009
Magnetic properties of Cd and Al substituted cobalt ferrite AR Shitre, UN Devatwal, DS Birajdar, KM Jadhav NISCAIR-CSIR, India	5	2000
Effect of Cr3+ substitution on some physical properties of CdFe2O4 RG Dorik, KB Modi, KM Jadhav Indian journal of pure & applied physics 35 (9), 594-597	5	1997
Influence of hole filling by Ti on the superconductivity of $YBa_2Cu_3O_{7-\delta}$ KM Jadhav, RL Raibagkar, GK Bichile, DG Kuberkar, RG Kulkarni Journal of superconductivity 8, 373-375	5	1995
Enhanced flux pinning and critical currents by V substitution in YBa2Cu3O7-delta GK Bichile, KM Jadhav, RL Raibagkar, L Hassan, DG Kuberkar, ... Superconductor Science and Technology 6 (4), 233	5	1993
Structural, morphological and magnetic properties of pure and Ni-doped ZnO nanoparticles synthesized by sol-gel method PG Undre, SD Birajdar, RV Kathare, KM Jadhav AIP Conference Proceedings 1953 (1)	4	2018
Comparative Study Of The Structural And Magnetic Properties Of Magnesium Ferrite Prepared By Ceramic And Sol-Gel Auto Combustion BR Gaikwad, PP Khirade, DV Kurmude, AB Shinde, AA Pandit, ...	4	2013

Journal of applicable chemistry 2 (5), 1275-1280		
Influence of Nb—substitution on superconductivity and critical currents of YBa2Cu3O7-δ GK Bichile, KM Jadhav, R Raibagkar, JA Bhalodia, DG Kuberkar, ... Applied physics communications 12 (2), 191-204	4	1993
Structural, Optical and Magnetic Properties of Diamagnetic Cd^{2+} Incorporated Cobalt Ferrite Thin Films Deposited by Spray Pyrolysis GL Jadhav, PP Khirade, AR Chavan, CM Kale, KM Jadhav Journal of Electronic Materials 50, 6525-6534	3	2021
Dextrose assisted sol-gel auto combustion synthesis and magnetic characterizations of cobalt ferrite nanoparticles VR Bhagwat, MV Khedkar, G Kulkarni, PB Kharat, KM Jadhav AIP Conference Proceedings 2265 (1)	3	2020
Effect of Zn2+ substitution and zero porosity correction on elastic behavior of CoFe2O4 KB Modi, SV Dulera, NH Vasoya, PY Raval, PR Pansara, KG Saija, ... AIP Conference Proceedings 1728 (1)	3	2016
Role of Cr 3+ Substitution on Electrical and Dielectric Behavior of Cu-ferrite Nanoparticles SD More, CM Kale, AB Shinde, KM Jadhav Int. J. Eng. Adv. Technol 3, 177	3	2013
Structural and magnetic properties of indium substituted cobalt ferrite nanoparticles synthesized by Sol-Gel Auto-combustion technique AB Shinde, VN Dhage, KM Jadhav Int J Eng Adv Tech 3, 177	3	2013
Study of electrical and dielectric behaviour of Mn-doped Copper Ferrite DS Birajdar, AS Padampalle, KM Jadhav J Biomed Bioeng 1 (1), 6-14	3	2010
Health assessment of converter transformer pressboard insulation based on FDS and digital image processing SS Mopari, DS More, AS Bhalchandra, PK Murthy, KM Jadhav, ... Measurement: Sensors 29, 100873	2	2023
Phase transformation, morphology, DC electrical resistivity and dielectric properties investigations of properties of manganese doped barium titanate nanoparticles SP More, SA Jadhav, SR Patade, SB Gopale, RJ Topare, KM Jadhav Journal of Crystal Growth 585, 126588	2	2022
Structural, morphological, and electrical investigation of 50 Mrad γ-radiated Ni1-xCdxFe2O4 nanoparticles MR Patil, AP Keche, PP Khirade, AV Raut, AA Pandit, KM Jadhav Materials Today: Proceedings 67, 85-91	2	2022
Ceramic synthesis and X-ray diffraction characterization of copper ferrite VK Surashe, NN Waghule, AV Raut, AA Pandit, RG Dorik, KM Jadhav AIP Conference Proceedings 2369 (1)	2	2021
On the Relationship between Structural-Elastic Properties of Co-Zn Ferrites at 300 K KB Modi, SJ Shah, CR Kathad, DK Sonigra, HP Parmar, KM Jadhav Advanced Materials Research 1141, 147-152	2	2016

Sol-gel Auto Combustion Synthesis of Barium Zirconate (BaZrO3) Nanocrystalline Ceramics PP Khirade, SD Birajdar, SP Jadhav, KM Jadhav Ijarbas 1 (1), 144-146	2	2014
Effect of Gamma Irradiation on the Physical Properties of Nanocrystalline ML Mane, VN Dhage, PS Aghav, MK Babrekar, KM Jadhav AIP Conference Proceedings 1349 (1), 1131-1132	2	2011
Magnetic properties of Fe2− xAlxCoO4 (0≤ x≤ 1) nanoparticles N Novosel, D Pajić, AT Raghavender, K Zadro, KM Jadhav Journal of Physics: Conference Series 200 (7), 072070	2	2010
Influence of La+ 3 substitution of structural and superconducting properties of YBa 2 Cu 3 O y S Chari, KB Modi, KM Jadhav, GK Bichile Indian Journal of Pure and Applied Physics 35 (12), 734-738	2	1997
Variation of Debye temperature and electron-phonon parameter with temperature for oxide superconductor GK Bichile, KB Modi, KM Jadhav ASIAN JOURNAL OF PHYSICS 6, 190-192	2	1997
Solvent-Free Synthesis of 1, 4 Dihydropyridines Derivatives via Hantzsch Reaction Employing $MgFe_2O_4$ MNPs: An Efficient and Recyclable Heterogeneous Catalyst RM Borade, SB Kale, PP Khirade, KM Jadhav, RP Pawar Journal of Inorganic and Organometallic Polymers and Materials 34 (3), 1104-1120	1	2024
Sol-Gel synthesis, structural characterizations, photo-catalytic degradation for H2 production and UV-Absorption of yttrium-substituted Co-Zn ferrite nanoparticles PD Patil, RR Parlikar, MV Khedkar, AV Raut, KM Jadhav, RB Kavade AIP Conference Proceedings 2369 (1)	1	2021
Sol-Gel auto-combustion, structural, photo-catalytic activity and UV-VIS study of Co1-xZnxFe2-yCeyO4 NPs (x= 0.3, y= 0.04) PD Patil, SA Jadhav, MV Khedkar, AV Raut, RB Kavade, KM Jadhav AIP Conference Proceedings 2369 (1)	1	2021
Synthesis of nanocrystalline nickel ferrite through soft chemistry method: A green chemistry approach using ginger extract SV Patil, A Kshirsagar, DD Andhare, SR Patade, GD Kulkarni, KM Jadhav AIP Conference Proceedings 2265 (1)	1	2020
Structural and magnetic properties of nanocrystalline NiFe2O4 thin film prepared by spray pyrolysis technique AR Chavan, RR Chilwar, MV Shisode, MM Hivrekar, VK Mande, ... AIP Conference Proceedings 1953 (1)	1	2018
Synthesis, Structural and Ferroelectric Properties of Lead Titanate (PbTiO3) Nanoparticles by Sol-Gel Auto Combustion Method PM Kshirsagar, MN Sarnaik, VD Murumkar, KM Jadhav Synthesis 4 (2)	1	2017
Structural and Magnetization Behaviour in Magnetically Diluted Nickel Ferrite at Nanoscale SS Deshmukh, H Ashok, K Atul, P Manisha, SD More, SJ Shukla, ... ABOUT IRJSE, 77	1	2017
Effect of drug *Piper nigrum* on magnesium chloride at varying	1	2016

concentration and temperature through ultrasonic method: A thermoacoustic study PB Nalle, SS Deshmukh, RG Dorik, KM Jadhav Cogent Physics 3 (1), 1262572		
Structural, morphological, compositional and infra-red properties of NiAl2xCrxFe2-3xO4 (0.0≤ x≤ 0.2) nanoparticles SK Hukkeri, SD Birajdar, RG Kulkarni, S Ekhelikar, KM Jadhav International Journal of Innovative Science, Engineering & Technology 3	1	2016
ICT: Modern tool for effective teaching of quantum mechanics N Barde, P Bardapurkar, RS Yennawar, KM Jadhav Indo-African Journal of Educational Research 3 (4), 08-12	1	2015
Synthesis, Structural and Ultrasonic Characterization of CuO Nanofluid PB Nalle, A Navpute, SP Jadhav, BR Shinde, SU Shinde, KM Jadhav International Symposium on Ultrasonics 22 (24)	1	2015
Sintering temperature reflected cation distribution of Zn^{2+} substituted $CoFe_2O_4$ SR Kamble, SE Shirsath, SM Patange, KM Jadhav Journal of Central South University 20, 1469-1474	1	2013
Nd: YAG laser irradiation effects on electrical properties of polycrystalline Li0. 5Fe2. 5O4 ML Mane, VN Dhage, SE Shirsath, R Sundar, K Ranganathan, SM Oak, ... Journal of alloys and compounds 511 (1), 31-34	1	2012
Structural and Magnetic Characterization of Nanoparticles VN Dhage, ML Mane, SE Shirsath, SP Jadhav, RP Gunjal, KM Jadhav AIP Conference Proceedings 1349 (1), 273-274	1	2011
Dielectric behavior in nanocrystalline Al doped Co-Zn ferrite ST Alone, SE Shirsath, RH Kadam, DR Mane, KM Jadhav Optoelectronics and Advanced Materials-Rapid Communications 3 (November 2009 …	1	2009
Magnetic Ordering in a Za-Substituted Co-Mn-Fe-O Ferrite System DR Shengule, KM Jadhav, GK Bichile Indian Journal of Physics 78, 1221-1224	1	2004
Critical currents and flux in vanadium doped YBa2Cu3O7− δ system GK Bichile, KM Jadhav, RL Raibagkar, S Chari, DG Kuberkar, ... Applied Superconductivity 1 (7-9), 1227-1229	1	1993
Enhancing thermal stability and electrical conductivity performance of silica aerogel via graphene oxide integration MV Khedkar, SB Somvanshi, KM Jadhav Journal of Sol-Gel Science and Technology, 1-15		2024
Hybrid magnetic nanocomposite NiFe2O4/TiO2 for Photocatalytic dye degradation and green hydrogen (H2) generation PS Patil, YP Ubale, SS Gawali, MR Pai, KM Jadhav Ceramics International		2024
Exploring Quaternary Ni 0.70-xCuxZn0. 30Fe2O4 Ferrimagnetic Thin Films for Gas Sensing AV Humbe, PG Undre, JS Kounsalye, KM Jadhav Thin Film Nanomaterials: Synthesis, Properties and Innovative Energy …		2024
Synthesis and Structural, Dielectric and Magnetic Properties of Al-Substituted Co-Li FNPs Synthesized by the Sol–Gel Method AA Nawpute, SD Tapsale, SS Gawali, SP More, KM Jadhav Journal of Electronic Materials 53 (5), 2250-2262		2024
Decolonization of MB Dye ($C_{16}H_{18}ClN_3S$) under the Natural Light		2023

Using Pristine and Zn−Y Substituted $CoFe_2O_4$ as a Catalyst PD Patil, CT Birajdar, WA Alwesabi, PK Panchariya, AV Raut, KM Jadhav, ... ChemistrySelect 8 (44), e202301975		
Facile synthesis, structure and infrared properties of CoFe2O4 ferrite nanoparticles (CFN) SN Bajaj, AV Raut, MV Khedkar, MK Babrekar, S Shinde, KM Jadhav AIP Conference Proceedings 2369 (1)		2021
Synthesis, structural and magnetic properties of NiFe1. 96Al0. 02Gd0. 02O4 nanoparticles (NFAGO) SB Gopale, RM Borade, AV Raut, MV Khedkar, SV Rajmane, KM Jadhav AIP Conference Proceedings 2369 (1)		2021
Synthesis, TGA, structural, and infrared characterization Bafe12o19 nanoparticles SK Fasate, AV Raut, S Rode, MK Babrekar, ST Alone, KM Jadhav AIP Conference Proceedings 2369 (1)		2021
Structural and magnetic properties of NiFe2O4 NPs using clove assisted green synthesis technique GD Kulkarni, AV Raut, MV Khedkar, DD Andhare, S Patade, KM Jadhav AIP Conference Proceedings 2369 (1)		2021
Glycine assisted sol-gel synthesis and structural analysis of CoFe2O4 nanoparticles RR Parlikar, RR Chilwar, AP Keche, R Dudhal, AV Raut, KM Jadhav AIP Conference Proceedings 2369 (1)		2021
Synthesis of sodium silicate based aerogels by ambient pressure drying and their physical properties MV Khedkar, AV Humbe, AV Rao, GK Bichile, KM Jadhav AIP Conference Proceedings 2115 (1)		2019
Radiation-induced modifications in structural, electrical and dielectric properties of Ti 4 ions substituted Li 0.5 Fe 2.5 O 4 nanoparticles JS Kounsalye, PB Kharat, DN Bhoyar, KM Jadhav		2018
A Nano-Encapsulated Silica-Ferrite System and a Process For Preparing The Same P Bardapurkar, N Barde, S Arote, S Pansambal, D Thakur, K Jadhav AU Patent 2,018,100,758		2018
Magnetic Properties of Zn 2+ Substituted Cobalt Ferrite Nanoparticles Prepared by the Sol–Gel Auto-Combustion Technique AV Raut, RS Barkule, DR Shengule, KM Jadhav Journal of Magnetism and Magnetic Materials 359, 87-92		2014
A Compound Having a Chemical Formula AxByCzDuEvF3, a Composite Made There from and a Method of Making the Same D BARDAPURKAR, PRANAVBARDE, NILESHJADHAV, KAMALAKARTHAKUR AU Patent 2,012,101,676		2013
Effect of temperature on the structural properties of Mn substituted ZnO nanoparticles VD Mote, VR Huse, Y Purushotham, KM Jadhav, BN Dole, SS Shah AIP Conference Proceedings 1349 (1), 323-324		2011
EFFECT OF JUMP LENGTH OF ELECTRON AND CATION DISTRIBUTION STUDY OF Co 1-x Zn x Fe 2-x Al x O 4 ST Alone, RH Kadam, SE Shirsath, KM Jadhav International Journal of Modern Physics B 25 (16), 2229-2236		2011

Structural and magnetic properties of In {sup 3+} substituted NiFe {sub 2} O {sub 4} SE Shirsath, BG Toksha, KM Jadhav Materials Chemistry and Physics 117		2009
Effect of swift heavy ion irradiation on the physical properties of CuIn (S {sub 0.4} Se {sub 0.6}){sub 2} alloy thin films prepared by solution growth technique SD Chavhan, NG Deshpande, YG Gudage, A Ghosh, RR Ahire, SV Borse, ... Radiation Physics and Chemistry (1993) 77		2008
32. Substitutional Effect of Ce on Superconducing Properties of Bi1. 7pbo. 35r2ca2-xce cU30 10+ 8 System RR Kothawale, GK Bichile, KM Jadhav, SS Shah Disordered Materials, 195		2003
info: doi/10.1023/A: 1014505620254 2012-12-28 JJ: 10.1007 J: 10.1007: 3028 Journal of Materials Science00222461377D. S. BirajdarU. N. DevatwalK. M. Jadhav20021443144840745710 … DS Birajdar, UN Devatwal, KM Jadhav Journal of Materials Science 37, 1443-1448		2002
Energy resolution characteristics of high purity germanium detector P Pawar, KM Jadhav, GK Bichile, R Nathuram International symposium on nuclear physics. V. 43B		2000
A simple method of determining photoelectric cross section at 279.3 keV photon for Cr, Ni, Cu, Ag and Pb P Pawar, PR Bedtur, KM Jadhav, GK Bichile, R Nathuram		1999
Superconducting properties of the doped YBa {sub 2-x} La {sub x} Cu {sub 3} O {sub 7-{delta}} system S Chari, KM Jadhav, GK Bichile		1999
Structural transport and electrical properties of Y {sub 3} Ga {sub x} Cr {sub x} Fe {sub 5}-{sub 2x} O {sub 12} system VD Murumkar, KM Jadhav, GK Bichile		1999
Structural transport and electrical properties of Y 3 Ga x Cr x Fe 5-2x O 12 system VD Murumkar, KM Jadhav, GK Bichile Proceedings of DAE-BRNS national symposium on recent trends in electro and …		1999
Superconducting properties of the doped YBa 2-x La x Cu 3 O 7-δ system S Chari, KM Jadhav, GK Bichile Proceedings of DAE-BRNS national symposium on recent trends in electro and …		1999
Influence of La {sup+ 3} substitution of structural and superconducting properties of YBa {sub 2} Cu {sub 3} O {sub y} S Chari, KB Modi, KM Jadhav, GK Bichile Indian Journal of Pure and Applied Physics 35		1997
Structural phase transition in substituted La {sub 2} CuO {sub 4} and Pr {sub 2} CuO {sub 4-y} M Chaudhri, KM Jadhav, GK Bichile, KB Modi Pramana 48		1997
Bulk magnetic and electrical properties of Zn~ xCo~ 1~-~ xFe~ 2O~ 4 prepared by co-precipitation technique RG Dorik, DR Shengule, SJ Shukla, KB Modi, KM Jadhav, GK Bichile ASIAN JOURNAL OF PHYSICS 6, 231-235		1997

Dependence of superconducting transition temperature on the hole concentration per CuO~ 2 sheet in the oxide superconductor S Chari, KB Modi, KM Jadhav, GK Bichile ASIAN JOURNAL OF PHYSICS 6, 186-189		1997
Influence of vanadium substitution on structure and critical currents of YBa {sub 2} Cu {sub 3} O {sub 7-{delta}} KM Jadhav, RL Raibagkar Indian Journal of Pure and Applied Physics 33		1995
Magnetic field dependence of critical current density in the YBa {sub 2}(Cu {sub 1-x} Nb {sub x}){sub 3} O {sub 7-{delta}} at 10 K GK Bichile, RL Raibagkar, KM Jadhav, DG Kuberkar, RG Kulkarni Indian Journal of Cryogenics 18		1993
Pair breaking in (R {sub 1-x} Pr {sub x}) Ba {sub 2} Cu {sub 3} O {sub 7-{delta}}[R= Y, Er] system RL Raibagkar, GK Bichile, KM Jadhav, DG Kuberkar, RG Kulkarni		1993
Structural analysis and magnetic properties of ErBa {sub 2}(Cu {sub 1-x} Fe {sub x}){sub 3} O {sub 7-{delta}} RL Raibagkar, M Chaudhari, S Chari, KM Jadhav, GK Bichile		1993
Suppression of superconductivity in Er sub 1 sub- sub x Ca sub x Ba sub 2 Cu sub 3 Osub y by hole doping and pair breaking GK Bichile, RL Raibagkar, KM Jadhav, DG Kuberkar, RG Kulkarni Solid State Communications 88 (8), 629-32		1993
Pair breaking in (R 1-x Pr x) Ba 2 Cu 3 O 7-δ [R= Y, Er] system RL Raibagkar, GK Bichile, KM Jadhav, DG Kuberkar, RG Kulkarni Proceedings of the solid state physics symposium. Vol. 35C		1993
Structural analysis and magnetic properties of ErBa 2 (Cu 1-x Fe x) 3 O 7-δ RL Raibagkar, M Chaudhari, S Chari, KM Jadhav, GK Bichile Proceedings of the solid state physics symposium. Vol. 35C		1993
Magnetic field dependence of critical current density in the YBa 2 (Cu 1-x Nb x) 3 O 7-δ at 10 K GK Bichile, RL Raibagkar, KM Jadhav, DG Kuberkar, RG Kulkarni Indian Journal of Cryogenics 18 (1-4), 96-97		1993
Cation Distribution, Elastic, Magnetic, Mössbauer, Dc Electrical and Dielectric Properties of Diamagnetic Al3+ Doped Ni-Zn Nanospinels PG Undre, AV Humbe, JS Kounsalye, A Kumar, RV Kathare, BN Dole, ... Elastic, Magnetic, Mössbauer, Dc Electrical and Dielectric Properties of …		
Acoustical and excess parameters in binary liquid mixture at temperature 303.15 K PB Nalle, BR Shinde, SU Shinde, RG Dorik, KM Jadhav Journal of Pure and Applied, 1		