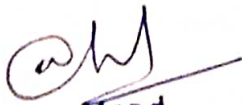


RESEARCH PUBLICATIONS

No	List of authors	Title of the paper	Journal, volume page no (from- to) and year	Impact factor of the journal and citations received for the article
1	<u>Pradeep Chavan,</u> L R Naik*	Effect of Bi ³⁺ ions on the humidity sensitive properties of copper ferrite nanoparticles	<i>Sensors & Actuators: B. Chemical</i> 272 28-33, (2018)	Impact Factor: 7.100 Citation: 09
2	<u>Pradeep Chavan,</u> L.R. Naik*, P.B. Belavi, Geeta Chavan, R.K. Kotnala	Synthesis of Bi ³⁺ substituted Ni-Cu ferrites and study of structural, electrical and magnetic properties	<i>Journal of Alloys and Compounds</i> 694, 607-612, 2019	Impact Factor: 4.650 Citation: 17
3	<u>Pradeep Chavan,</u> L.R. Naik*, P.B. Belavi, Geeta Chavan, V.T. Muttannavar, B.K. Bammannavar, R.K. Kotnala	Temperature Dependent Electric Properties and Magnetoelectric Effects in Ferroelectric rich Ni _{0.8} Mg _{0.2} Fe ₂ O ₄ + BaZr _{0.2} Ti _{0.8} O ₃ Magnetoelectric Composites	<i>Journal of Alloys and Compounds</i> 777, 1258-1264, 2019	Impact Factor: 4.650 Citation: 05
4	<u>Pradeep Chavan,</u> L R Naik*	Investigation of energy band gap and conduction mechanism of magnesium substituted nickel ferrite nanoparticles.	<i>Physica Status Solidi A.</i> 1700077, 1-8, 2017	Impact Factor: 1.660 Citation: 16
5	<u>Pradeep Chavan,</u> L.R. Naik* and R.K. Kotnala.	Study of electric, magnetic properties and improvements in ME effects of NMFO + BZT particulate composites.	<i>Journal of Magnetism and Magnetic Materials</i> 433, 24-28, 2017	Impact Factor: 2.683 Citation: 05
6	<u>Pradeep Chavan,</u> L.R. Naik*, P.B. Belavi, Geeta Chavan, C K Ramesha and R.K. Kotnala.	Studies on electrical and magnetic properties of Mg substituted Nickel ferrites	<i>Journal of electronic materials</i> 46(1), 188-198, 2017	Impact Factor: 1.676 Citation: 32
7	<u>Pradeep Chavan,</u> L R Naik*	X-ray diffraction studies and dielectric properties of Ni doped Mg ferrites	<i>Vacuum</i> 152, 47-49, 2018	Impact Factor: 2.906 Citation: 11

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8	Pradeep Chavan, L.R. Naik*, Geeta Chavan, P.B. Belavi, and R.K. Kotnala.	Structural and magnetic properties of Nickel substituted Mg ferrites	<i>Procedia engineering</i> 215, 09-16, 2017	Impact Factor: 1.00 Citation: 05
9	Pradeep Chavan, L R Naik*	Structural and magnetic properties of NiFe ₂ O ₄ -BaZr _{0.2} Ti _{0.8} O ₃ ME composites for sensor applications	<i>Journal of advances in science and technology</i> 12(25), 330-333, 2016	Impact Factor: 1.00 Citation: 0
10	Pradeep Chavan, V.T. Muttannavar, Geeta Chavan, P.B. Belavi, L.R. Naik*	Structural and elastic properties of Chromium substituted Nickel ferrites	<i>International Journal of Pure and Applied Research</i> 2(1), 01-06, 2018	Impact Factor: 2.342 Citation: 01
11	Pradeep Chavan, Shirajahammad M. hunagund, Vani R. Desai, L R Naik, J S Kadadevarmath and A H sidarai	Influence of Fe ²⁺ ion substitution on thermal and dielectric properties of titanium dioxide	<i>International letters of chemistry, physics and astronomy</i> 67, 09-13, 2016	Impact Factor: 1.00 Citation: 01


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Research Publications

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(International Journals)

Sl. No.	Authors	Journal name	Title, volume, year	Impact factor	ISSN
1	Ashok H. Sidarai, Vani R. Desai , S. M. Hunagund, M Basanagouda, J. Kadadevarmath	International Letters of Chemistry, Physics and Astronomy (Science press)	"Fluorescence quenching of DMB by aniline in benzene-acetonitrile mixture" Volume 65 page no. 32-36, 2016 (April).	0.893	2299
2	Vani R. Desai , S. M. Hunagund, M Basanagouda, J.Kadadevarmath Ashok H. Sidarai	Journal of Fluorescence (Springer)	"Solvent Effects on the Electronic Absorption and Fluorescence Spectra of HNP: Estimation of Ground and Excited State Dipole Moments" Volume 26, page no. 1391- 1400, 2016 (May).	1.601	1053
3	S. M. Hunagund, P. Chavan, Vani R. Desai , L. R. Naik, J. S. Kadadevarmath and Ashok H. S	International Letters of Chemistry, Physics and Astronomy (Science press)	"Influence of Fe ³⁺ ion substitution on thermal and dielectric properties of titanium dioxide" Volume 67, page no. 9-13, 2016 (June).	0.893	2299
4	Vani R. Desai , A.H. Sidarai, S. M. Hunagund, M.Basanagouda, R.M. Melavanki, R.H. Fattepur,	Journal of Molecular Liquids (Elsevier science)	"Steady state absorption and fluorescence study: Estimation of ground and excited state dipole moments of newly synthesized pyridazin-	2.740	0167

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	J.S.Kadadevarmath		3(2H)-one derivatives” Volume 223, page no. 141-149, 2016 (August).		
5	Ashok H. Sidarai, Vani R. Desai , S. M. Hunagund, M. Basanagouda and J. S. Kadadevarmath	Canadian Journal of Physics	“Effect of solvent polarity on the fluorescence quenching of TMC molecule by aniline in benzene-acetonitrile mixtures” Volume 94 page No. 1125- 1132, 2016 (August).	0.964	1208
6	S. M. Hunagund, Vani R. Desai , J.S.Kadadevarmath, Delicia A. Barretto, S. Vootla and Ashok H. Sidarai	Royal Society of Chemistry (RSC) Advances	“Biogenic and chemogenic synthesis of TiO ₂ NPs via hydrothermal route and their antibacterial activities” Volume 6 page no. 97438- 97444, 2016 (October).	3.289	2046
7	Vani R. Desai , S. M. Hunagund, M.Basanagouda, J.S.Kadadevarmath, J.Thipperudrap pa and Ashok H. S	Journal of Molecular Liquids (Elsevier science)	“Spectroscopic studies on newly synthesized 5-(2- hydroxy-5-methoxy- phenyl)—2H-pyridazin-3- one molecule” Vol. 225, 613-620, 2017 (January).	2.740	0167
8	Vani R. Desai , S. M. Hunagund, M. S. Pujar, M. Basanagouda, J. S.Kadadevarmath and Ashok H. S	Journal of Molecular Liquids (Elsevier science)	“Spectroscopic interactions of titanium dioxide nanoparticles with pharmacologically active 3(2H)-pyridazinone derivative” Vol. 233, page no. 166- 172, 2017 (March).	2.740	0167
9	Ashok H. Sidarai, Vani R. Desai , S. M. Hunagund, M. Basanagouda, J. S.Kadadevarmath	Journal of Solution Chemistry (Springer)	“Study of fluorescence quenching on novel coumarin derivatives by aniline in different solvents” DOI 10.1007/s10953-017- 0645-4 (June) 2017.	1.256	0095

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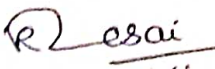
10	Vani R. Desai, S. M. Hunagund, M. Basanagouda, J.S. Kadadevarmath, Ashok H. Sidarai	Journal of Fluorescence (Springer)	"Analysis of fluorescence quenching for newly synthesized biologically active 3(2H)-pyridazinone derivative by aniline" Vol. 27, page no. 1839-1846, 2017 (June)	1.601	1053
11	Vani R. Desai, S. M. Hunagund, M. S. Pujar, M. Basanagouda, J.S. Kadadevarmath, Ashok H. Sidarai	Journal of Fluorescence (Springer)	"Photophysical properties of a novel and biologically active 3(2H)-pyridazinone derivative using solvatochromic approach" Vol. 27, page no. 1793-1800, 2017 (June)	1.601	1053
12	S.M. Hunagund, Vani R. Desai, Delicia A. Barretto, M. S. Pujar, J. S. Kadadevarmath, S.Vootla and Ashok H. Sidarai	Journal of Photochemistry & Photobiology, A: Chemistry (Elsevier)	"Photocatalysis effect of a novel green synthesis gadolinium doped titanium dioxide nanoparticles on their biological activities" Vol. 346, page no. 159-167, 2017 (June)	2.477	1010
13	Vani R. Desai, S. M. Hunagund, M. Basanagouda, J. S. Kadadevarmath, Ashok H. Sidarai	Advanced Science, Engineering and Medicine (ASP Publishing)	"Effect of aniline concentration on fluorescence intensities for a newly synthesized biologically active 5-(4-chloro-2-hydroxy-phenyl)2-phenyl-2H-pyridazin-3-one molecule" Vol. 9, page no. 1-6, 2017 (August)	0.987	2164
14	S. M. Hunagund, Vani R. Desai, Delicia A. Barretto, J. S. Kadadevarmath, S. Vootla and Ashok H. Sidarai	Advanced Science, Engineering and Medicine (ASP Publishing)	"Free radical scavenging activities of thermally stable green synthesized titanium dioxide nanoparticles" Vol. 9, page no. 1-8, 2017 (July)	0.987	2164
15	Ashok H. Sidarai Vani R. Desai, S. M. Hunagund, M. Basanagouda, J.S. Kadadevarmath	Journal of Fluorescence (Springer)	"Study of photophysical properties on newly synthesized coumarin derivatives" Vol. 27, page no. 2223-2229, 2017	1.601	1053
16	Vani R. Desai, S. M. Hunagund, M. Basanagouda, J.S. Kadadevarmath, Ashok	Advanced Science, Engineering and Medicine (ASP Publishing)	"Fluorescence quenching study on newly synthesized HNP molecule by aniline in different solvents using Stern-	0.987	2164

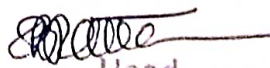
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17	S. M. Hunagund, Vani R. Desai , M.Basanagouda, J.S.Kadadevarmath, h, Ashok H.Sidarai	Advanced Science, Engincering and Medicine (ASP Publishing)	“Solvent effect on the absorption and fluorescence spectra of pharmaceutically active 4- ((p-tolyloxy)methyl) 2H- Benofchromen-2-one (TMB) molecule: Determination of ground and excited state dipole moments” Vol. 10, page no. 1-6, 2017 (August)	0.987	2164
18	M. S. Pujar S.M. Hunagund, Vani R. Desai , S. Patil, Ashok H. Sidarai	AIP Conference Proceedings, American Institute of Physics	“One-step synthesis and characterization of cerium oxide nanoparticles in an ambient temperature via Co-precipitation method” Vol. 1942, page no. 050026-1, 2018 (March)	--	0094
19	M. S. Pujar S.M. Hunagund, Vani R. Desai , Ashok H. Sidarai	Advanced Materials Proceedings, VBRI	“Facial hydrothermal approach for the synthesis of Zinc oxide nanosheets” Vol. 3, page no. 184-188, 2018 (April)	0.835	2002
20	Vani R. Desai , S. M. Hunagund, M.Basanagouda, J.S.Kadadevarmath, h,Ashok H.Sidarai	Journal of Molecular Liquids (Elsevier science)	“Influence of Concentrations of TiO2 nano Particles on Spectroscopic properties of a novel HMPP molecule” Vol. 273, page no. 83-87, 2019	4.50	0167

BOOK PUBLISHED

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