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S. No.	Author(s)	Title	Name of Journal	Volume	Page	Year
113.	Singh D., Ojha Saurav K., Maurya A., Preitschopf T., Fischer I., Ojha Animesh K.	Controlled synthesis of 2H-WSe <sub>2</sub> @ rGO nanocomposites: an ..... asymmetric supercapacitor device application	Journal of Alloys and Compounds	<a href="https://doi.org/10.1016/j.jallcom.2023.171828">https://doi.org/10.1016/j.jallcom.2023.171828</a>	171828	2023
112.	Ojha Saurav K., Singh D., Kumar A., Singh A., Singh Ranjan K., Ojha Animesh K.	Amino acids assisted growth of ..... crystals for solar cell applications	Chemical Physics	571	111914	2023
111.	Dhibar S., Ojha Saurav K., Kripasindhu K., Karmakar P., Bhattacharjee S., Chatterjee P., Ojha Animesh K., Saha B.	Development of Supramolecular Metallogel derived from Nickel (II)-salt and .... Semiconducting Device Application	Chemistry Africa	<a href="https://doi.org/10.1007/s42250-023-00680-w">https://doi.org/10.1007/s42250-023-00680-w</a>	1	2023
110.	Singh A, Ojha Animesh K.	Orange peel derived activated ..... electrode material	Journal of Materials Science: Materials in Electronics	34	1003	2023
109.	Singh D, Singh A, Ojha Saurav K, Ojha Animesh K.	Facile synthesis of layered 2H-WSe <sub>2</sub> .....supercapacitor device application	Synthetic Metals	293	117263	2023
108.	Kumar A, Ojha Saurav K, Vyas N., Ojha Animesh K.	Light and stable Li <sub>n</sub> B <sub>14</sub> (n=1-5) clusters .... storage at room temperature: A DFT study	International Journal of Hydrogen Energy	47	7861	2022
107.	Singh A, Singh D., Ahmed B., Ojha Animesh K.	Sun/UV-light driven photocatalytic degradation of ..... nanostructures as photocatalyst	Materials Chemistry and Physics	277	125531	2022
106.	Dhibar S., Ojha Saurav K., Mohan A., Prabhakaran S. P.C., Bhattacharjee S., Karmakar K., Karmakar P., Padmanabhan P., Ojha Animesh K., Saha V.	A multistimulus-responsive self-healable supramolecular ..... an efficient Schottky barrier diode	New Journal of Chemistry	46	17189	2022
105.	Kumar A, Ojha Saurav K., Vyas N., Ojha Animesh K.	Designing organic electron transport materials for stable .....performance of perovskite solar cells: a theoretical study	ACS Omega	6	7086	2021
104.	Ojha Saurav K., Ojha Animesh K.	Environmental stability and excited state ....of MAI-(PbI <sub>2</sub> ) <sub>1-x</sub> (NiCl <sub>2</sub> ) <sub>x</sub>	Materials Chemistry and Physics	259	124179	2021
103.	Singh A, Ojha	Designing Vertically	Journal of Colloid	580	720	2020

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102.	Ojha Saurav K., Kumar A., Singh A., Ojha Animesh K.	Improved Environmental Stability of Cobalt Incorporated .... for Resistive Switching Applications	Chemical Physics	538	110900	2020
101.	Singh A, kumar S, Ojha Animesh K	Charcoal derived graphene quantum dots ..... supercapacitor oriented applications	New Journal of Chemistry	44	11085	2020
100.	Singh A, Ojha S. K., Singh M., Ojha Animesh K.	Controlled synthesis of NiCo <sub>2</sub> S <sub>4</sub> @ NiCo <sub>2</sub> O <sub>4</sub> Core@ Shell .....the rGO sheets for high-performance asymmetric supercapacitor	Electrochimica Acta	349	136349	2020
99.	Kumar A., Vyas N., Ojha Animesh K.	Hydrogen storage in..... boron clusters (Mg <sub>2</sub> B <sub>n</sub> , n= 4–14): A density functional theory study	International Journal of Hydrogen Energy	45	12961	2020
98.	Singh R., Ahmad F., Nazeer K., Kumar R., Kumar N., Ojha Animesh K., Kushvaha S. S., Kumar P.	Material Study of Co <sub>2</sub> CrAl Heusler Alloy.....Film and Co <sub>2</sub> CrAl/n-Si Schottky Junction Device	Journals of Electronic Materials	49	3652	2020
97.	Vyas N., K. Aditya, Ojha Animesh K.	Electronic structure of iron dinitrogen complex [(TPB)FeN <sub>2</sub> ] <sub>2-1-0</sub> : correlation to Mössbauer parameters	RSC Advances	10	7948	2020
96.	Singh A., Ojha Animesh K.	Coal derived graphene as.....supercapacitor electrode material	Chemical Physics	530	110607	2020
95.	Ojha S. K., Singh A., Animesh K. Ojha	Modification in structural morphology of CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> .....acid and glycine as habit modifiers	Materials Chemistry and Physics	240	122149	2020
94.	Singh A, Ojha S. K., Ojha Animesh K.	Facile synthesis.....NiCo <sub>2</sub> O <sub>4</sub> grown on rGO sheet for high performance supercapacitors	Synthetic Metals	259	116215	2020
93.	Bhunias S., Kumar A. Ojha Animesh K.	Tuning of structural..... UAU' triplex formation	Chemical Physics	528	110527	2020
92.	Vyas N, Pandey B., Ojha Animesh K., Grover A.	Revisiting mechanistic.....dinitrogen complex as nitrogenase mimic	International Journal of Quantum Chemistry	119	E26025	2019
91.	Singh A, Kumar S., Ahmed B, Singh R. K., Ojha Animesh K.	Temperature induced.....water pollutants under UV irradiation	Journal Alloys and Compounds	806	1368	2019
90.	Kumar A, Singh A, Ojha Animesh K.	A new approach..... organic-inorganic perovskites	International Journal of Quantum	119	E26012	2019

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89.	Kumar A, Singh A, Ojha Animesh K.	Reshuffling of .....Organic-Inorganic Perovskite	J. Phys. Chem. C	123	13385	2019
88.	Kumar S, Ojha Animesh A. Bhorolua D, Das J, Kumar A, Hazarika A	Facile Synthesis of .....Supercapacitive Properties	Physica B	558	75-81	2019
87.	Kumar S, Bhorolua D, Ojha Animesh K, Kumar A	Onion Juice Assisted.....Reaction Temperature	Advance Materials Letters	10.5185/amlett.2018.2124		
86.	Singh A, Ahmed B, Singh A, Ojha Animesh K	Photodegradation of phenanthrene..... reducing agent	Spectro. Chim. Acta: Part A	204	603-610	2018
85.	Ahmed B, Kumar S, Ojha Animesh K., Hirsch F, Riese S, Fischer I	Facile synthesis.... graphene quantum dots	Journal of Photochemistry and Photobiology A: Chemistry	364	671-678	2018
84.	Bhunia S, Kumar A, Singh A, Ojha Animesh K	Binding Patterns..... and MD Simulation	Computational and Theoretical Chemistry	1141	7-14	2018
83.	Kumar S, Ahmed B, Singh A, Singh A, Ojha Animesh K	Experimental and Theoretical..... CeO <sub>2</sub> Nanostructures	Journal of Magnetism and Magnetic Materials	465	756-761	2018
82.	Ahmed B, Ojha Animesh K., Singh A, Hirsch F, Fischer I, Patrice D, Materny A	Well-controlled in-situ..... antibacterial properties	Journal of hazardous materials	347	266-278	2018
81.	A Singh, AK Ojha, HM Jang	Strategic Design and..... Superbases: A DFT Study	Chemistry Select	3	837-842	2018
80.	Kumar S, Ahmed B, Ojha Animesh K., Das J, Kumar A	Facile synthesis of CdO..... methylene blue dye	Materials Research Bulletin	90	224-231	2017
79.	Kumar S, Ojha Animesh K, Ahmed B, Kumar A, Das J, Materny A	Tunable (violet to green)..... supercapacitor electrode materials	Materials Today Communications	11	76-86	2017
78.	Ahmed B, Ojha Animesh K, Kumar S	One-pot synthesis..... sunlight irradiation	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	179	144-154	2017
77.	Ahmed B, Kumar S, Ojha Animesh K, Donfack P, Materny A	Facile and controlled..... photocatalyst material	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	175	250-261	2017
76.	Bhunia S, Singh A, Ojha Animesh K	Investigation of the..... dynamics simulation	Journal of molecular modeling	23	88	2017
75.	Ahmed B, Ojha Animesh K, Hirsch F,	Tailoring of enhanced..... step hydrothermal method	RSC Advances	7	13985- 13996	2017

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74.	Kumar S, Ojha Animesh K	Room Temperature Ferromagnetism..... its Optical properties	Materials Chemistry and Physics	169	13-20	2016
73.	Kumar S, Ojha Animesh K	In-situ synthesis of..... under UV irradiation	Materials Chemistry and Physics	171	126-136	2016
72.	Kumar S, Bhunia S., Ojha Animesh K	Experimental and Theoretical..... ZrO <sub>2</sub> nanostructures	Chemical Physics Letters	644	271-275	2016
71.	Kumar S, Ojha Animesh K	Ni, Co and Ni-Co..... Visible Light Irradiation	RSC Advances	6	8651-8660	2016
70.	Kumar S., Ojha Animesh K., Patrice D., Yadav B., Materny A	One step in-situ..... under sunlight irradiation	Physical Chemistry Chemical Physics	18	11157- 11167	2016
69.	Ahmed B., Kumar S., Kumar S., Ojha Animesh K	Shape Induced (spherical..... Ultra-violet Irradiation	Journal of Alloys and Compounds	679	324-334	2016
68.	Bhunia S., Donfack P., Materny A. Ojha Animesh K	Ionic and Tautomeric..... Combined with DFT Calculations	Journal of Raman Spectroscopy	47	1086-1094	2016
67.	Bhunia S., Srivastava S. K., Materny A., Ojha Animesh K	A Vibrational and..... with DFT Calculations	Journal of Raman Spectroscopy	47	1073-1085	2016
66.	Bhunia S., Singh A., Ojha Animesh K	Un-catalyzed peptide..... a density functional theory study	European Physical Journal D	70	106	2016
65.	Kumar, S., Ojha Animesh K. and Walkenfort, B.	Cadmium oxide..... ultraviolet irradiation	Journal of Photochemistry and Photobiology B	159	111-119	2016
64.	Kumar S, Bhunia S. Ojha Animesh K	Effect of calcination..... ZrO <sub>2</sub> nanostructures	Physica E: Low Dimension systems	66	74-80	2015
63.	Kumar S., Srivastava M., Singh J., Layek S., Yashpal M., Materny A, Ojha Animesh K	Controlled Synthesis..... Monodispersed Ceria Nanoparticles	AIP Advances	5	027109	2015
62.	Kumar S, Ojha Animesh K	Oxygen Vacancy Induced..... Ultra-violet Radiation	Journal of Alloys and Compounds	644	654-662	2015
61.	Kumar S., Layek S., Yashapal M., Ojha Animesh K	Room temperature ferromagnetism..... CdO nanostructures	Journal of Magnetism and Magnetic Materials	393	555-561	2015
60.	Bhunia S, Forster S, Vyas N, Schmitt H-C, Ojha Animesh K	Direct visual evidence..... functional theory calculations	Spectrochimica Acta Part A	151	888-894	2015
59.	Kumar S, Bhunia S, Ojha Animesh K	Absence of Room Temperature..... Luminescence Properties	Journal of Alloys and Compounds	649	348-356	2015

58.	Bhunia S, Hassanein R, Materny A, Ojha Animesh K	Raman Fingerprint of..... Zwitterionic Alanine	Journal of Raman Spectroscopy	46	1191–1199	2015
57.	Srivastava M., Layek S., Singh J., Das Ashok K., Verma H. C., Ojha Animesh K., Kim Nam H., Lee Joong H	Synthesis, Magnetic and..... Ferrite Nanoparticles	Journal of Alloys and Compounds	591	174	2014
56.	Ojha Animesh K., Bhunia S	Different Proton Transfer..... Functional Theory Study	Journal of Molecular Modeling	20	2124	2014
55.	Ojha Animesh K., Srivastava M., Kumar S., Hassanein R., Singh J., Singh M. K., Materny A	Influence of Crystal Size..... Raman Spectroscopy	Vibrational Spectroscopy	72	90	2014
54.	Srivastava M, Singh J, Mishra R. K., Singh M. K., Ojha Animesh K, Yashpal M.,, Srivastava S	Novel conducting lithium..... magnetic and dielectric properties	Current Applied Physics	14	980-990	2014
53.	Kumar S., Ojha Animesh K., Singh R. K	Synthesis and Raman..... nanostructures	Journal of Raman Spectroscopy	45	717-722	2014
52.	Bhunia S, Vyas N, Sahu C, Ojha Animesh K	Size Dependent Structural..... Density Functional Theory	Journal of molecular modeling	20	2481	2014
51.	Srivastava Manish., Singh Jay, Ojha Animesh K	Electro-optical and..... Cu <sub>2</sub> O nanoparticles,	Journal of Alloys and Compounds	555	123-130	2013
50.	Kumar Sumeet, Ojha Animesh K	Synthesis, characterizations..... CdO nanowires	AIP Advances	3	052109	2013
49.	Ojha Animesh K., Foster S., Kumar S., Vats S., Negi S., Fischer I	Synthesis of well– dispersed..... bacterial strains	Journal of Nanobiotechnolog y	11	42	2013
48.	Vyas N., Ojha Animesh K	Investigation on transition..... chemical study	International Journal of Quantum Chemistry	112	1526-1536	2012
47.	Bhattacharya S., Vyas N., Ojha Animesh K., Dasgupta S., Roy A	Surface Enhanced Raman..... Colloidal Solution	Journal of Raman Spectroscopy	43	718-823	2012
46.	Ojha Animesh K., Donfack P, Materny A	Complex concentration..... Ag-nanostructure modifications,	Journal of Raman Spectroscopy	43	1183-90	2012
45.	Vyas N, Ojha Animesh K	Interaction of gold..... complexes	Computational and Theoretical Chemistry	984	93-101	2012
44.	Srivastava M. Sing Jay,	Synthesis of superparamagnetic.....	Carbohydrate Polymers	89	821– 829	2012

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43.	Srivastava M. Sing Jay, Yashpal M., Ojha Animesh K	Synthesis, Growth..... Spherical Nanoparticles	Journal of Nanoscience and Nanotechnology	12	6248–6257	2012
42.	Ojha Animesh K., Vyas N, Dubey Satya P	Gas phase structural..... functional theory study	Computational and Theoretical Chemistry	1002	16-23	2012
41.	Vyas N, Ojha Animesh K., Materny A	Simulation of the Raman..... in aqueous medium	Vibrational Spectroscopy	55	69-76	2011
40.	Vyas N, Ojha Animesh K	A Study on interaction..... of complex stability	Vibrational Spectroscopy	56	42-50	2011
39.	Srivastava M., Vyas N., Ojha Animesh K	Size dependent electron- phonon..... Raman spectroscopy	Vibrational Spectroscopy	56	19-25	2011
38.	Vyas N, Ojha Animesh K	Effect of regular..... A quantum chemical study	Chemical Physics	382	5-14	2011
37.	Dheeraj K Singh, Shivangi Mishra, Animesh K Ojha, Sunil K Srivastava, S Schlücker, BP Asthana, J Popp, Ranjan K Singh	Hydrogen bonding..... and DFT calculations	Journal of Raman Spectroscopy	42	667-675	2011
36.	Vyas N., Ojha Animesh K	Calculation of dissociation..... A theoretical study	International Journal of Quantum Chemistry	111	3961	2011
35.	Srivastava M, Ojha Animesh K., Chaubey S. Singh J	In-situ synthesis..... nanocomposites	Journal of Solid State Chemistry	183	2669-2674	2010
34.	Vyas N., Ojha Animesh K	Interaction of alanine with..... functional study	Journal of Molecular Structure: THEOCHEM	940	95–102	2010
33.	Srivastava M., Ojha Animesh K., Chaubey S., Sharma P. K., Pandey A. C.	Glycolic acid..... spectroscopic and magnetic studies	Materials Chemistry and Physics	120	493-500	2010
32.	Srivastava M., Ojha Animesh K., Chaubey S., Sharma P. K., Pandey A. C.	Influence of..... CuO phases	Journal of Alloys and Compounds	494	275-284	2010
31.	Srivastava M., Ojha Animesh K., Chaubey S., Singh J., Sharma P. K., Pandey A. C.	Influence of pH..... sol-gel method	Materials Science and Engineering B	175	14-21	2010
30.	M Srivastava, AK Ojha, S Chaubey, J Singh, PK	Investigation on magnetic..... hydrothermal process,	Journal of Alloys and Compounds	500	206-210	2010

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29.	S Mishra, D K Singh, A K Ojha, B P Asthana, R K Singh	Raman and DFT study.... aqueous Ag nano-colloids	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	77	559-565	2010
28.	M Srivastava, S Chaubey, AK Ojha	Investigation on size..... hydrothermal methods	Materials Chemistry and Physics	118	174-180	2009
27.	G Chandra, A K Ojha, S Puri, A Roy	Plasmon Coupling..... Organic Molecule	Journal of nanoscience and nanotechnology	9	5198-5207	2009
26.	K Vikram, SK Srivastava, AK Ojha, S Schluecker, W Kiefer, R K Singh	Dynamics and mechanism..... DFT calculations	Journal of Raman Spectroscopy	40	881-886	2009
25.	M Srivastava, AK Ojha, S Chaubey, A Materny	Synthesis and optical..... NiFe <sub>2</sub> O <sub>4</sub> structures	Journal of Alloys and Compounds	481	515-519	2009
24.	D Singh, A K Ojha, W Kiefer, R K Singh	Raman and DFT study.... systems	Vibrational Spectroscopy	49	242-250	2009
23.	H M Heise, R Kuckuk, A K Ojha, A Srivastava, V Srivastava, B P Asthana	Characterisation..... carbon and graphite	Journal of Raman Spectroscopy	40	344-353	2009
22.	D P Singh, A K Ojha, O N Srivastava	Synthesis of Different..... Chemical Route	The Journal of Physical Chemistry C	113	3409-3418	2009
21.	S Mishra, R K Singh, A K Ojha	Investigation on bonding..... and quantum chemical calculations	Chemical Physics	355	14-20	2009
20.	Singh, D.K., Srivastava, S.K., Ojha, Animesh K., and Asthana, B.P	Vibrational study..... and DFT calculations	Journal of Molecular Structure	892 (1)	384-391	2008
19.	Singh, D.K., Srivastava, S.K., Ojha, Animesh K., and Asthana, B.P	pH-dependent..... DFT calculations	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	71 (3)	823-829	2008
18.	Ojha, Animesh K., and Singh, R.K.,	Optical Absorption..... Theoretical Study	Journal of Computational and Theoretical Nanoscience	5 (11)	2194-2200	2008
17.	Bandyopadhyay , P., Ojha, Animesh K., Barik, T. K. and Roy, A.	Drainage and water..... Gillette foam	Journal of Raman Spectroscopy	39 (7)	827-831	2008
16.	Ojha, Animesh K., Chandra, G. and Roy, A.	A study on..... theory calculations	Nanotechnology	19 (9)	095706	2008
15.	Ojha, Animesh K., Srivastava, S.K., Singh,	Complex formation..... NH <sub>2</sub> bending modes	Vibrational Spectroscopy	43	177-183	2007

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14.	Ojha, Animesh K., Srivastava, S.K., Singh R.K., and Asthana, B.P.	Concentration dependent.... binary mixture, (HCONH <sub>2</sub> + CH <sub>3</sub> -OH)	Journal of Raman Spectroscopy	38	159-165	2007
13.	Singh, D., Srivastava, S.K., Ojha, Animesh K., Asthana, B. P., and Singh, R.K.	DFT study..... water environment.	Journal of Molecular Structure: THEOCHEM	819	88 – 94	2007
12.	Mishra, S., Ojha, Animesh K., Prasad, R., Singh, D., Srivastava, S.K., and Singh, R.K.	Concentration dependent.... dimethyl formamide.	Journal of Raman Spectroscopy	38	1454-1460	2007
11.	Ojha, Animesh K., Srivastava, S.K., Singh, R.K., Schlücker, S., Kiefer, W. and Asthana, B.P.	Improper hydrogen..... DFT calculations	Journal of Raman Spectroscopy	38(12)	1656-1664	2007
10.	Ojha, Animesh K	pH dependent..... DFT calculations	Chemical Physics	340	69-78	2007
9.	Srivastava, S.K., Ojha, Animesh K., Sinha, P.K., Asthana, B.P., and Singh, R.K.	Probing self-associated..... DFT calculation.	Journal of Raman Spectroscopy	37	68-75	2006
8.	Singh, R.K., Srivastava, S.K., Ojha, Animesh K., Arvind, U., and Asthana, B.P.	Study of..... DFT calculations.	Journal of Raman Spectroscopy	37	76-84	2006
7.	Ojha, Animesh K., Srivastava, S.K., Singh, R.K. and Asthana, B.P.	A new approach..... binary mixtures	The Journal of Physical Chemistry A	110	9849-9853	2006
6.	Srivastava, S.K., Ojha, Animesh K., Raghuvansh, P., Kiefer, W. and Asthana, B.P	Influence of ..... and ab-initio calculation	Journal of Raman Spectroscopy	37	1287-1295	2006
5.	Ojha, Animesh K., Singha, A., Dasgupta, S., Singh, R.K., and Roy, A	pH dependent ..... for spectral analysis	Chemical Physics Letters	431	121-126	2006
4	Srivastava, S.K., Ojha, Animesh K., Asthana, B.P., and Kiefer, W.	Investigation of..... ab-initio calculations.	Spectrochimica Acta Part A	61	2832-2839	2005
3.	Ojha, Animesh K., Srivastava, S.K., Asthana,	Concentration dependent..... ab initio calculations.	Journal of Molecular Structure	735-736	349-357	2005



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1	Srivastava, S.K., Ojha, Animesh K., Koster, J., Shukla, M.K., Leszczynski, J., Asthana, B.P., and Kiefer, W.	Isotopic dilution ..... and ab-initio calculations	Journal of Molecular Structure	661-662	11-21	2003