

PUBLICATIONS

S.No.	Author(s)	Title	Name of Journal	Year
1.	Role of electrolytic pH on the performance of nanostructured N-ZnO thin films in photoelectrochemical water splitting	N.K. Biswas, R. Dutta, A. Srivastav, S. Saxena, A. Verma, M. Srivastava, S. Upadhyay, V.R. Satsangi, R. Shrivastav, S. Dass,	RSC Advances (IF: 4.036)	2023
2.	Role of electrolytic pH on the performance of nanostructured partially crystalline Nitrogen-doped Titanium Dioxide thin films in photoelectrochemical water splitting	N.K. Biswas, R. Dutta, A. Srivastav, S. Saxena, A. Verma, M. Srivastava, S. Upadhyay, V.R. Satsangi, R. Shrivastav, S. Dass,	Results in Chemistry	2022
3.	Role of Varying Ionic Strength on the Photoelectrochemical Water Splitting Efficiency, Solar Energy,	N.K. Biswas, A. Srivastav, S. Saxena, A. Verma, R. Dutta, M. Srivastava, V.R. Satsangi, R. Shrivastav and S. Dass	Solar Energy (IF: 7.188)	2022
4.	N-TiO ₂ Crystal Seeds Incorporated in Amorphous Matrix for Enhanced Solar Hydrogen Generation: Experimental & First-Principles Analysis	N.K. Biswas, A. Srivastav, S. Saxena, A. Verma, S. Upadhyay, R. Dutta, M. Srivastava, V.R. Satsangi, R. Shrivastav and S. Dass	International Journal of Hydrogen Energy (IF: 7.139)	2022
5.	MOFs in Photoelectrochemical Water Splitting: New Horizons and Challenges	R. Dutta, R. Shrivastav, M. Srivastava, A. Verma, S. Saxena, N.K. Biswas, V.R. Satsangi, S. Dass	International Journal of Hydrogen Energy (IF: 7.139)	2021

5.	Evaluation of Air Quality in Taj City at Dayalbagh during the Covid-19 Period	Neelam Baghel, Sonal Kumari, Anita Lakhani, Aparna Satsangi and K. Maharaj Kumari	International Journal of Environmental Science	2022
6.	Tropospheric ozone and its natural precursors impacted by climatic changes in emission and dynamics	Surat Dewan, Anita Lakhani	Frontiers in Environmental Science	2022
7.	Dinesh Sah, Puneet Kumar Verma, K. Maharaj Kumari, Anita Lakhani	Characterization, Seasonal Variations, Source Apportionment and Health Risk Assessment of Heavy Metals in PM _{2.5} in the Urban Site of Agra, India	Health and Exposure	2022
8.	Verma, Puneet Kumar; Sah, Dinesh; Satish, Rangu; Rastogi, Neeraj; Kumari, K Maharaj; Lakhani, Anita;	Atmospheric chemistry and cancer risk assessment of Polycyclic Aromatic Hydrocarbons (PAHs) and Nitro-PAHs over a semi-arid site in the Indo-Gangetic plain	Journal of Environmental Management	2022
9.	Gunjan Goswami and Anita Lakhani	Mutagenic Activity of Airborne Particles: Recent Status	National Systems Conference	2022
10.	Isha Goyal, Muskan Agarwal, Simran Bamola, K. Maharaj Kumari, Anita Lakhani	Comparative Analysis of Air Quality over the Indo Gangetic Plain (IGP) in the Era of Covid-19: Normal to the New Normal	National Systems Conference	2022
11.	Isha Goyal, Puneet Kumar Verma, Vipin Singh, K. Maharaj Kumari and Anita Lakhani	Spatio-temporal Variation in Air Quality and Unexpected Pollution Levels during Lamp Event over the Indo-Gangetic Plain in the First Wave of COVID-19 Pandemic	Environmental Science: Advances	2022
12.	Puneet Kumar Verma,	Mutagenic and	Chemical	2021

	Dinesh Sah, Jitendra Dubey, K. Maharaj Kumari and Anita Lakhani	Cancer Risk Estimation of particulate bound Polycyclic Aromatic Hydrocarbons (PAHs) from the Emission of different Biomass Fuels.	Research in Toxicology	
13.	Kumari, S., Baghel, N., Lakhani, A., & Kumari, K. M.	BTEX and formaldehyde levels at a suburban site of Agra: Temporal variation, ozone formation potential and health risk assessment.	Urban Climate	2021
14.	Mangal, A., Satsangi, A., Lakhani, A., & Kumari, K. M.	Characterization of ambient PM1 at a suburban site of Agra: chemical composition, sources, health risk and potential cytotoxicity.	Environmental Geochemistry and Health	2021
15.	Satsangi, A., Mangal, A., Agarwal, A., Lakhani, A., & Kumari, K. M.	Variation of carbonaceous aerosols and water-soluble inorganic ions during winter haze in two consecutive years.	Atmospheric Pollution Research	2021
16.	Kumari, S., Lakhani, A., & Kumari, K. M.	Variation of carbon monoxide at a suburban site in the Indo-Gangetic Plain: Influence of long-range transport from crop residue burning region.	Atmospheric Pollution Research	2021
17.	Kumari, S., Verma, N., Lakhani, A., & Kumari, K. M.	Severe haze events in the Indo-Gangetic Plain during post-monsoon: Synergetic effect of synoptic meteorology and crop residue burning emission.	Science of the Total Environment	2021
18.	Awni Agarwal, Aparna	Seasonal and spatial	Chemosphere	2020

	Satsangi, Anita Lakhani, K. Maharaj Kumari.	variability of secondary inorganic aerosols in PM _{2.5} at Agra: Source apportionment through receptor models.		
19.	Kumari, S., Lakhani, A., & Kumari, K. M.	First observation-based study on surface O ₃ trend in Indo-Gangetic Plain: Assessment of its impact on crop yield.	Chemosphere	2020
20.	Kumari, S., Lakhani, A., & Kumari, K. M.	COVID-19 and air pollution in Indian cities: World's most polluted cities.	Aerosol and Air Quality Research	2020
21.	Kumari, S., Lakhani, A., & Kumari, K. M.	Transport of aerosols and trace gases during dust and crop-residue burning events in Indo-Gangetic Plain: Influence on surface ozone levels over downwind region.	Atmospheric Environment	2020
22.	Kumari.D, Singh.R	Ultrasonic assisted petha wastewater pretreatment of rice straw for optimum production of methane and ethanol using mixed microbial culture	Renewable Energy	2020
23.	Sah, D., Verma, P. K., Kandikonda, M. K., & Lakhani, A.	Chemical fractionation, bioavailability, and health risks of heavy metals in fine particulate matter at a site in the Indo-Gangetic Plain, India.	Environmental Science and Pollution Research	2019
24.	Dinesh Sah, Puneet Kumar Verma, K. Maharaj Kumari, Anita Lakhani	Pollution characteristics, human health risk through multiple exposure pathways, and source apportionment of	Urban climate	2019

		heavy metals in PM ₁₀ at Indo-Gangetic site.		
25.	Sah, D., Verma, P. K., Kumari, K. M., & Lakhani, A.	Chemical fractionation of heavy metals in fine particulate matter and their health risk assessment through inhalation exposure pathway.	Environmental Geochemistry and Health	2019
26.	Verma, N., Kumari, S., Lakhani, A., & Kumari, K. M.	24 Hour Advance Forecast of Surface Ozone Using Linear and Non-Linear Models at a Semi-Urban Site of Indo-Gangetic Plain.	International Journal of Environmental Sciences & Natural Resources	2019
27.	Sah, D., Verma, P.K., Kumari, K.M. and Lakhani, A.,	Chemical fractionation, bioavailability and health risk of heavy metals and find particulate matter at a site in the Indo-Gangetic plain India	Environmental Science and Pollution Research	2019
28.	Sah, D., Verma, P.K., Kumari, K.M. and Lakhani, A.,	Pollution characteristics human health risk through multiple exposure pathway and source apportionment of heavy metals in PM 10 at Indo- Gangetic site	Urban Climate	2019
29.	Verma.N, Kumari.S,Lakhani, A.,and Kumari, K.M.	Advance forecast of surface ozone using llinear and non-linear models at a a semi-urban site of Indo-Gangetic	International Journal of Science and Natural Resources	2019
30.	Singh, R., Gupta, P., Jangid, A., Sharma, A. and Kumar, R.	Assessment of fractionated aerosols at a semi arid region over the Indo-Gangetic Basin	Clean Soil Air Water	2019
31.	Patnala. P.K, Tilvi. S.A,	Experimental and	Separation	2019

	Srivastava.P.	kinetics study of combined influence of ultrasonication and rare Earth on removal of azo dyes	Science and Technology	
32.	Afaq.A, Gaur.S, Sharma.M, Yadav.S, Srivastava.S.S, Srivastava.M.M.	Applications of sucrose density gradient centrifugation for segregation of biofabricated gold nano particles using M. longifolia bark extract	Journal of Applicable Chemistry	2019
33.	Yadav.S, Sharma.M, Ganesh.N, Srivastava.S.S, Srivastava.M.M.	Enhanced anti-melanoma bioefficiency of flavinoid loaded gold nano particle prepared from plants Madhuca longifolia on the mice and human melanoma cells lines	Journal of Applicable Chemistry	2019
34.	Yadav.S, Sharma.M, Ganesh.N, Srivastava.S.S, Srivastava.M.M.	Bioactive Principle loaded gold nano particle as potent anti melanoma agent: green synthesis characterization and in vitro bioefficiency	Asian Journal of Green Chemistry	2019
35.	Sharma.M, Yadav.S, Ganesh.N, Srivastava.S.S, Srivastava.M.M.	Biofabrication and characterization of flavinoid loaded Ag, Au, Au-Ag bimetallic nano particles using seed extract of the plant Madhuca longifolia for enhancement	Progress in Biomaterials	2019
36.	Asha, K., Banerjee, A., Saxena, S., Khan, S.A., Sulaniya, I., Satsangi, V.R., Shrivastav, R., Kant, R. and Dass, S.	Morphological influence of electrode/electrolyte interface towards augmenting the efficiency of photoelectrochemical	Journal of Power Souces	2019

		water splitting		
37.	AnkitaMangal, A., Lakhani, A., & MaharajKumari, K.	Investigation of PM ₁₀ , PM _{2.5} and PM ₁ during Pollution Episodes: Fog and Diwali Festival.	Journal of Environmental Science, Toxicology and Food Technology	2018
38.	Dinesh Sah, Puneet Kumar Verma, K.Maharaj Kumari, Anita Lakhani	Chemical fractionation of heavy metals in fine particulate matter and their health risk assessment through inhalation exposure pathway.	Environmental Geochemistry and Health	2018
39.	Sonal Kumari, Nidhi Verma, Anita Lakhani, Suresh Tiwari, K. Maharaj Kumari	Tropospheric ozone enhancement during post-harvest crop- residue fires at two downwind sites of the Indo-Gangetic Plain.	Environmental Science and Pollution Research	2018
40.	Verma, N., Satsangi, A., Lakhani, A. and Kumari, K.M.	Characteristics of surface ozone in Agra, a sub-urban site in Indo-Gangetic Plain.	Journal of Earth System Science	2018
41.	Anita Lakhani	Polycyclic Aromatic Hydrocarbons: Sources, Importance and Fate in the Atmospheric Environment.	Current Organic Chemistry	2018
42.	Kumari.D, Chahar.P, Singh.R.	Effect of Ultrasonication on biogas and ethanol production from rice straw pretreated with petha wastewater and dairy wastewater	International Journal of Current Engineering and Scientific Research	2018
43.	Kumari.D, Singh.R.	Pretreatment of lignocellulosic for biofuel production a critical review	Renewable and Sustainable Reviews	2018
44.	Ansari, S., Ansari, M.S., Devnani, H., Satsangee, S.P. and Jain, R.	CeO ₂ /g-C ₃ N ₄ Nanocomposite a prospective for electrochemical	Accepted Manuscript	2018

		sensing of anti depressant drugs		
45.	Mangal.A,Satsangi.A, Lakhani.A, Kumari.K.M	Investigation of PM-10, PM2.2 and PM1 during pollution episode fog and diwali	Journal of Environmental Toxicology	2018
46.	Lakhani.A.	Polycyclic aromatic hydrocarbons: sources,importance and fate in the atmospheric environment	Current Organic Chemistry	2018
47.	Sah, D., Verma, P.K., Kumari, K.M. and Lakhani, A.	Chemical fractionation of heavy metal and find particulate matter and their health risk assessment through inhalation exposure pathway	Environmental Geochemistry Health	2018
48.	Kumari, S., Verma, N., Lakhani, A., Tiwari, S. and Kandikonda, M.K.	Tropospheric ozone enhancement during post harvest crop residue fires at two downwind sites of the Indo-Gangetic Plain	Environmental Science and Pollution Research	2018
49.	Verma, N., Satsangi, A., Lakhani, A. and Kumari, K.M.	Characteristics of surface ozone in Agra, a suburban site in Indo-Gangetic	Journal of Earth System Sciences	2018
50.	Verma.S.K, Singh. R.B.K.	Adsorption studies of sugar phenolic acids onto activated corn cob powder	International Journal of Engineering technology science and research	2018
51.	Ansari, S., Ansari, Verma.S.K, Shahnavaaz. M, Satsangee, S.P.	One step synthesis of chemically active carbon from tea residue	International Journal of Research	2018
52.	Verma.S.K, Verma. D. K, Saxena.S.	Sonolytic removal of sugar colour in the presence of activaterd charcoal	International Journal of Advance Research in Science and	2018

			Engineering	
53.	Sharma.M, Yadav.S, Ganesh.N, Srivastava.S.S, Srivastava.M.M.	Promising anti inflammatory bioefficacy of saponin loaded silver nanoparticles prepared from Madhuca longifolia	Asian Journal of Nanosciences and Materials	2018
54.	Varshney.S, Jain.P, Srivastava.S	Removal and recovering of chromium from E- waste by functionalized wood pulp	National Academic Sciences	2018
55.	Srivastav, A., Kumar, P., Verma, A., Smith, Y.R., Satsangi, V.R., Shrivastav, R., Waghmare, U.V. and Dass, S.	Experimental and first principle studies of homojunction for efficient charges carrier separation in sunlight	International Journal of Hydrogen Energy	2018
56.	Kaur.G, Satsangi.V.R, Divya ., Dass.S.	Silver doped rust (alpha- Haematite) layered over ZnO Photoanode for photoelectrochemical water splitting	International Journal of Advance Engineering Science and Technology	2018
57.	Sharma, S., Pai, M.R., Kaur, G., Satsangi, V.R., Dass, S. and Shrivastav, R.	Efficient hydrogen generation on CuO core/Ag-TiO ₂ shell nano-hetero-structures by photocatalytic splitting of water	International Journal of Renewable Energy	2018
58.	Dinesh Sah, Puneet Kumar Verma, K. Maharaj Kumari and Anita Lakhani	Chemical partitioning of fine particle-bound As, Cd, Cr, Ni, Co, Pb and assessment of associated cancer risk due to inhalation, ingestion and dermal exposure.	Inhalation Toxicology	2017
59.	Nidhi Verma, Anita Lakhani, K. Maharaj Kumari	High Ozone Episodes at a Semi-urban Site in India: Photochemical Generation and Transport.	Atmospheric Research	2017

60.	Verma, P. K., Sah, D., Kumari, K. M., & Lakhani, A.	Atmospheric concentrations and gas-particle partitioning of polycyclic aromatic hydrocarbons (PAHs) and nitro-PAHs at Indo-Gangetic sites.	Environmental Science: Processes & Impacts	2017
61.	Dinesh Sah, Puneet Kumar Verma, K. Maharaj Kumari and Anita Lakhani	Fractionation of Airborne Fine Particulate-Bound Metals and Associated Health Risks in a Site in Indo-Gangetic Plain.	International Journal of Engineering Technology Science and Research	2017
62.	Nidhi Verma, Aparna Satsangi, Anita Lakhani, K. Maharaj Kumari.	Diurnal, Seasonal and Vertical Variability in Carbon Monoxide levels over a semi-urban site in Indo-Gangetic Plain.	Clean- Soil, Air and Water	2017
63.	Nidhi Verma, Aparna Satsangi, Anita Lakhani, K. Maharaj Kumari.	Low Molecular weight Monocarboxylic Acids in PM _{2.5} and PM ₁₀ : Seasonal Variation and Source Apportionment.	Aerosol Air Quality and Research	2017
64.	Sen, A, A.S. Abdelmaksoud, Y. Nazeer Ahammed, Mansour A. Alghamdi, TirthanKar Banerjee, Mudasir Ahmad Bhat, A Chatterjee, Anil K. Choudhari, Trupti Das, Amit Dhir, Ranu Gadi, Sanjay Ghosh, A.H Khan; M. Khoder, K. Maharaj Kumari, Jagdish Chandra Kuniyal, Manish Kumar, Anita Lakhani, Parth Sarathi Mahapatra, Manish Naja, Dharam Pal Singh, S Pal, Mahammad Rafiq, Shakil	Variations in particulate matter over Indo-Gangetic Plains and Indo-Himalayan Range during four field campaigns in winter monsoon and summer monsoon: Role of pollution pathways.	Atmospheric Environment	2017

	Ahmad Romshoo, Irfan Rashid, Prasenjit Saikia, D.M. Shenoy, Vijay Sridhar, Nidhi Verma, B. M. Vyas, Mohit Saxena, A Sharma, S.K. Sharma, Tuhin Kumar Mandal			
65.	Awni Agarwal, Ankita Mangal, Aparna Satsangi, Anita Lakhani, K. Maharaj Kumari	Characterization, Sources and Health Risk Analysis of PM _{2.5} bound Metals during Foggy and Non-foggy days in Sub-urban Site of Agra.	Atmospheric Research	2017
66.	Gautam.D, Saxena.S, Kumar.A and Verma.S.K.	Activated sugarcane bagasse ash (ASBA): Studies on its properties for adsorption of sugar colour.	International Journal of Applied Sciences and Technology	2017
67.	Yadav.M., Gupta.S.P, Kumar.S	Spectroscopic and electrochemical studies of Vincamine with yeast- RNA (Y_RNA) and transfer-RNA (t-RNA)	Drug and Pharmaceutical Technology in Business Entrepreneurship Management	2017
68.	Sahni.P, Kumar.M, Pachauri.R.	Mechanism of propofol's action on MAP rich tubulin and actin- an in-vitro study.	Biochemistry and Analytical Biochemistry	2017
69.	Jain.P, Varshney.P and Srivastava.S	Application of Nitrogen-Enriched Nanobiopolymer for Effective Removal of Cr(VI) from Tannery Effluent.	Separation Science and Technology	2017

70.	Lal, S., Venkataramani, S., Naja, M., Kuniyal, J.C., Mandal, T.K., Bhuyan, P.K., Kumari, K.M., Tripathi, S.N., Sarkar, U., Das, T. and Swamy, Y.V.,	Loss of crop yields in India due to surface ozone: an estimation based on a network of observations	Environmental Science and pollution Research	2017
71.	Sah, D., Verma, P.K., Kumari, K.M. and Lakhani, A.	Chemical Partitioning of Fine Particle Bound As, Cd, Ni, Co, Pb and Assessment of Associated Cancer Risk due to Inhalation, Ingestion and Dermal Exposure	Inhalation Toxicology	2017
72.	Sah, D., Verma, P.K., Kumari, K.M. and Lakhani, A.,	Fractionation of airborne fine particulate-bound metals and associated health risks in a sight in Indo-Gangetic plain	International Journal of Engineering Technology Science and Research	2017
73.	Agarwal, A., Mangal, A., Satsangi, A., Lakhani, A. and Kumari, K.M.	Characterization, Sources and Health Risk Analysis of PM _{2.5} bound Metals during Foggy and Non-foggy days in Sub-Urban Site of Agra.	Atmospheric Research	2017
74.	Verma, N., Satsangi, A., Lakhani, A. and Kumari, K.M.	Low Molecular weight Monocarboxylic Acids in PM _{2.5} and PM ₁₀ : Seasonal Variation and Source	Aerosol Air Quality and Research	2017

		Apportionment.		
75.	Verma, N., Satsangi, A., Lakhani, A. and Kumari, K.M.	High Ozone Episodes at a Semi-urban Site in India: Photochemical Generation and Transport	Atmospheric Research	2017
76.	Verma.N, Satsangi.A, Lakhani.A, Lal.S, Kumari.K.M.	Diurnal, Seasonal and Vertical Variability in Carbon Monoxide levels over a semi- urban site in Indo- Gangetic Plain.	Clean- Soil, Air and Water	2017
77.	Verma.P.K, Sah.D, Maharaj K.M, Lakhani.A.	Atmospheric Concentrations and Gas-particle Partitioning of Polycyclic Aromatic Hydrocarbons (PAHs) and Nitro PAHs at Indo Gangetic Sites.	Environmental Science: Processes and Impacts	2017
78.	Gupta.P, Singh.S.P, Jangid.A and Kumar.R.	Measurements and characterization of black carbon in ambient air of city of Taj over Indo- Gangetic: seasonal variation and meteorological influence	Advances in Atmospheric Science	2017
79.	Devnani, H., Ansari, S., Satsangee, S.P. and Jain, R.,	ZrO ₂ - graphene- chitsan nanocomposite modified carbon paste sensor for sensitive and selective determination of	Materials Today Chemistry	2017

		dopamine		
80.	Sharma, D., Upadhyay, R.K., Satpati, B., Satsangi, V.R., Shrivastav, R., Waghmare, U.V. and Dass, S.	Electronic Band-offsets across Cu ₂ O/BaZrO ₃ Heterojunction and its Stable PhotoElectro-Chemical Response: First-principles Theoretical Analysis and Experimental Optimization	Renewable Energy	2017
81.	Sahai, S., Ikram, A., Rai, S., Shrivastav, R., Dass, S. and Satsangi, V.R.	Quantum dots sensitization for photoelectrochemical generation of hydrogen: A review	Renewable Energy and Sustainable Energy Reviews	2017
82.	Verma, A., Srivastav, A., Khan, S.A., Satsangi, V.R., Shrivastav, R., Avasthi, D.K. and Dass, S.	Enhanced Photoelectrochemical Response of Plasmonic Au Embedded BiVO ₄ /Fe ₂ O ₃ Heterojunction	Physical Chemistry and Chemical Physics	2017
83.	Banerjee, A., Mondal, B., Verma, A., Satsangi, V.R., Shrivastav, R., Dey, A. and Dass, S.	Enhancing Efficiency of Fe ₂ O ₃ for Robust and Proficient Solar Water Splitting by Using Highly Dispersed Bioinspired Catalyst	Journal of Catalysis	2017
84.	Sen, A., Abdelmaksoud, A.S., Ahammed, Y.N., Banerjee, T., Bhat, M.A., Chatterjee, A., Choudhuri, A.K., Das, T., Dhir, A., Dhyani, P.P.	Variations in particulate matter over Indo-Gangetic Plains and Indo-Himalayan Range during four field campaigns in winter	Atmospheric Environment	2017

	and Gadi, R.	monsoon and summer monsoon: Role of pollution pathways.		
85.	Dinesh Sah, Puneet Kumar Verma, , K. Maharaj Kumari, Anita Lakhani, ,	Chemical speciation and Environmental health risk of heavy metals in fine particulate matter	IEEE (R10-HTC)	2016
86.	Nidhi Verma, Anita Lakhani, K. Maharaj Kumar	Synergistic relationship between surface ozone and meteorological parameters: A case study	IEEE (R10-HTC)	2016
87.	Awni Agarwal, Nidhi Verma, Rajneesh Kumar Meena, Aparna Satsangi, Anita Lakhani, K. Maharaj Kumari	Seasonal and Annual Trends in PM _{2.5} and PM ₁₀ Mass Concentrations and Air Quality Index of Agra: A Five-Year Study.	Journal of Chemical, Biological and Physical Sciences	2016
88.	Subastri, A., Ramamurthy, C.H., Suyavaran, A., Mareeswaran, R., Rao, P.L., Harikrishna, M., Kumar, M.S., Sujatha, V. and Thirunavukkarasu, C.	Spectroscopic and Molecular docking studies on the interaction of an anticancer β -Carboline Alkaloid, Harmine with GC and AT specific DNA oligonucleotides	Chemistry & Biology Interface	2016
89.	Sharma, S., Yadav, M., Gupta, S.P., Pandav, K. and Kumar, S.,	Spectroscopic and structural studies on the interaction of an anticancer β -carboline alkaloid, Harmine with GC and AT specific DNA oligonucleotides	Chemico-Biological Interactions	2016
90.	Varshney, S., Jain, P. and Srivastava, S	Application of Ameliorated Wood Pulp to Recover	Journal of Material Cycle and Waste	2016

		Cd(II),Pb(II) and Ni(II) from E-waste	Management	
91.	Jain, P., Varshney, S. and Srivastava, S.	Functionalized Nanobiomaterials: High-Performance Sorbents for Chromium Remediation from Water Streams.	Environmental Science and Technology	2016
92.	Jain, P., Varshney, S. and Srivastava, S.	Process Development for the Removal of Toxic Metals by Functionalized Wood Pulp: Kinetic, Thermodynamic and Computational Modeling Approach	Clean Technologies & Environmental Policy,	2016
93.	Jain, P., Varshney, S. and Srivastava, S.,	Role of Nanotechnology and Functionalization in the Remediation of Toxic Metals from Water System: Environmental Sustainability and Development	International Journal of Latest Technology in Engineering, Management & Applied Science	2016
94.	Jain, P., Varshney, S. and Srivastava, S.,	Synthetically modified Nano-cellulose for the Removal of Chromium: A Green Nanotech Perspective.	The Institute of Engineering and Technology	2016
95.	Bharose, R. and Verma, S.K.,	A Review: Cane Sugar Colour and Colourants	The Indian Journal of Basic and Applied Research	2016

96.	Agarwal.A, Verma.N, Meena.R.K, Satsangi.A, Lakhani.A, Kumari.K.M.	Seasonal and Annual Trends in PM _{2.5} and PM ₁₀ Mass Concentrations and Air Quality Index of Agra: A Five Year Study.	Journal of Chemical, Biological and Physical Sciences	2016
97.	Pushpa Sahni,	Chemistry of microtubules and consciousness,	Lambert Academic Publishing	2016
98.	Verma, A., Srivastav, A., Banerjee, A., Sharma, D., Sharma, S., Singh, U.B., Satsangi, V.R., Shrivastav, R., Avasthi, D.K. and Dass, S.	Plasmonic Layer Enhanced Photoelectrochemical Response of Fe ₂ O ₃ Photoanodes	Journal of Power Sources	2016
99.	Verma, A., Srivastav, A., Sharma, D., Banerjee, A., Sharma, S., Satsangi, V.R., Shrivastav, R., Avasthi, D.K. and Dass, S.	A Study on the Effect of Low Energy Ion Beam Irradiation on Au/ TiO ₂ System for its Application in Photoelectrochemical Splitting of Water	Nuclear Instruments and Methods B: Beam Interactions with Materials and Atoms	2016
100.	Sahai, S., Ikram, A., Rai, S., Shrivastav, R., Dass, S. and Satsangi, V.R.	Augmented photoelectrochemical response of CdS/ZnS quantum dots sensitized hematite photoelectrode	International Journal of Energy Research	2016
101.	Nidhi Verma, Aparna Satsangi, Anita Lakhani, K. Maharaj Kumari	Prediction of Ground level Ozone concentration in Ambient Air using Multiple Regression Analysis.	Journal of Chemical, Biological and Physical Sciences	2015
102.	Jitendra Dubey, Vyoma	Influence of	Asian Resonance	2015

	Singla, K. Maharaj Kumari and Anita Lakhani	Meteorology on Surface Ozone, NO ₂ and Fine Particulate Matter at Tropical site in India.		
103.	Jitendra Dubey, Vyoma Singla, K. Maharaj Kumari and Anita Lakhani.,	Relations between Meteorology and Tropospheric Pollutants at a Tropical Site in India.	Asian Resonance	2015
104.	Jitendra Dubey, K. Maharaj Kumari and Anita Lakhani	Chemical Characteristics and Mutagenic Activity of PM _{2.5} at a Site in the Indo-Gangetic Plain, India.	Ecotoxicology and Environmental Safety	2015
105.	Sharma, S., Khanna, S.K., Singh, J. and Satsangee, S.P.	The Electrochemical Assay of Acetaminophan in Paracetamol Tablet With The Help of Different Pulse Voltammetry	Oriental Journal of Chemistry	2015
106.	Satsangee, S., Rajawat, D.S., Singh, P., Sharma, S. and Kardam, A.	Real Time Measurement of Biosorption efficiency of chemically modified coconut powder for Pb(II) and Cd(II) using open circuit Potential	Analytical Chemistry Letters	2015
107.	Shrivastava, R., Saxena, S., Satsangee, S.P. and Jain, R.,	Graphene/TiO ₂ /polyaniline nanocomposite based sensor for the electrochemical investigation of aripiprazole in pharmaceutical formulation	Ionics	2015
108.	Saxena, S., Shrivastava,	Voltammetric	Journal of	2015

	R. and Satsangee, S.P.	determination of wedelolacton, an anti-HIV herbal drug, at boron-doped diamond electrode	Chemical Science	
109.	Devnani, H. and Satsangee, S.P.	Green gold nanoparticle modified anthocyanin-based carbon paste electrode for voltammetric determination of heavy metal	International Journal of Environmental Science and Technology	2015
110.	Devnani, H. and Satsangee, S.P., Jain. R	MWCNT-chitosan-ZrO ₂ nanocomposite modified sensor for sensitive and selective electrochemical determination of serotonin	International Journal of Innovative Research in Science, Engineering and Technology	2015
111.	Devnani, H. and Satsangee, S.P., Jain. R	A novel graphene-chitosan-Bi ₂ O ₃ nanocomposite modified sensor for sensitive and selective electrochemical determination of a monoamine neurotransmitter epinephrine	Ionics	2015
112.	Singhal.Y and Singh.R	Energy recovery from petha industrial wastewater by anaerobic digestion	International Journal of Science and Engineering	2015
113.	Varshney, S., Jain, P. and Srivastava, S.	Rapid Adsorption of Heavy Metals by Nitrogen-Embedded Cellulose using	International Journal of Science Technology and	2015

		Isotherm, Kinetic and Thermodynamic Modeling	Management	
114.	Jain, P. , Varshney, S., and Srivastava, S.	Site-specific functionalization for chemical speciation of Cr(III)and Cr(VI) using polyaniline impregnated nanocellulose composite:equilibrium, kinetic and thermodynamic modelling	Applied Water Science	2015
115.	Singh, K., Sinha, T.J.M. and Srivastava, S.	Functionalized nanocrystalline cellulose:smart biosorbent for decontamination of arsenic	International Journal of Mineral Processing	2015
116.	Kumari, B., Sharma, S., Singh, N., Satsangi, V.R., Dass, S. and Shrivastav, R.	Chemically etched ZnO thin films, with surface-evolved nano-ridges, for efficient photoelectrochemical splitting of water	Journal of Solid State Electrochemistry	2015
117.	Upadhyay, S., Sharma, D., Satsangi, V.R., Shrivastav, R., Waghmare, U.V. and Dass, S.	Spray pyrolytically deposited Fe-doped Cu ₂ O thin films for solar hydrogen generation: Experiments & first-principles analysis	Material Chemistry and Physics	2015
118.	Kumari, B., Sharma, S., Satsangi, V.R., Dass, S. and Shrivastav, R.	Surface deposition of Ag and Au nano-isles on ZnO thin films yields enhanced	Journal of Applied Electrochemistry	2015

		photoelectrochemical splitting of water		
119.	Kumari, B., Sharma, S., Satsangi, V.R., Dass, S. and Shrivastav, R.	Nanostructured Ti-Fe ₂ O ₃ /Cu ₂ O heterojunction photoelectrode for efficient hydrogen production	Thin Solid Films	2015
120.	Rai, S., Ikram, A., Sahai, S., Dass, S., Shrivastav, R. and Satsangi, V.R.,	Photoactivity of MWCNTs modified α -Fe ₂ O ₃ photoelectrode towards efficient solar water splitting	Renewable Energy	2015
121.	Ikram, A., Sahai, S., Rai, S., Dass, S., Shrivastav, R. and Satsangi, V.R.,	Enhanced photochemical conversion performance of ZnO quantum dots sensitized α -Fe ₂ O ₃ thin films	International Journal of Hydrogen Energy	2015
122.	Biswas, N.K., Sharma, S., Yadav, M., Pandav, K. and Kumar, S.	Spectroscopic Study of Interaction of Anticancer β -Carboline Alkaloids Norharman and Harmol with Ribonucleic Acid	International Journal of Engineering Science and Management	2015
123.	Kumar, R. and Kumari, K.M.	Aerosols and trace gases characterization over indo-gangetic plain in semiarid region	Urban Climate	2015
124.	Verma, N., Satsangi, A., Lakhani, A. and Kumari, K.M.	Prediction of Ground level Ozone concentration in	Journal of Chemical, Biological and	2015

		Ambient Air using Multiple Regression Analysis	Physical Sciences	
125.	Kumar, R. and Kumari, K.M.	Evaluation of dry deposition of acidifying N compounds to vegetation	Environmental Science Pollution Research	2015
126.	Dubey, J., Singla, V., Maharaj, K. and Lakhani, A.,	Influence of meteorology on surface ozone, NO ₂ and fine particulate matter at a tropical site in India	Asian Resonance	2015
127.	Dubey, J., Maharaj, K. and Lakhani, A.,	Chemical Characteristics and Mutagenic Activity of PM _{2.5} at a Site in the Indo-Gangetic Plain, India.	Ecotoxicology and Environmental Safety	2015
128.	Dubey, J., Singla, V., Kumari, K. M., & Lakhani, A.	Polycyclic aromatic hydrocarbons in atmospheric particles of PM ₁₀ at Yamuna Nagar, Haryana, India.	International Journal of Engineering and Technical Research	2014
129.	Dubey, J., Singla, V., Maharaj, K., & Lakhani, A.	Influence of meteorology on surface ozone, NO ₂ and fine particulate matter at a tropical site in India.	Asian Reson	2014
130.	Dubey, J., Banerjee, A., Meena, R. K., Kumari, K. M., & Lakhani, A.	Characterization of polycyclic aromatic hydrocarbons in emissions of different mosquito coils.	Bulletin of environmental contamination and toxicology	2014
131.	Sen, A., Ahammed, Y. N., Arya, B. C., Banerjee, T., Reshma	Atmospheric fine and coarse mode aerosols at different	Mapan	2014

	Begam, G., Baruah, B. P., Lakhani, A. & Mandal, T. K.	environments of India and the Bay of Bengal during winter-2014: implications of a coordinated campaign.		
132.	Sen, Y. N. Ahammed, B. C. Arya, T. Banerjee, G. Reshma Begam, B. P. Baruah, A. Chatterjee, A. K. Choudhuri, A. Dhir, T. Das, P. P. Dhyani, N. C. Deb, R. Gadi, M. Gauns, S. K. Ghosh, A. Gupta, K. C. Sharma, A. H. Khan, K. M. Kumari, M. Kumar, A. Kumar1, J. C. Kuniyal, A. Lakhani, R. K. Meena, P. S. Mahapatra, S. W. A. Naqvi, D. P. Singh, S. Pal, S. Panda, Rohtash, J. Saikia, P. Saikia, A. Sharma, P. Sharma, M. Saxena, D. M. Shenoy, C. Viswanatha Vachaspati, S. K. Sharma and T. K. Mandal	Atmospheric Fine and Coarse Mode Aerosols at Different Environments of India and the Bay of Bengal During Winter-2014: Implications of a Coordinated Campaign	, MAPAN- Journal of Metrology Society of India	2014
133.	R.K. Meena, Aparna Satsangi, Anita Lakhani & K. Maharaj Kumari	Carbonaceous aerosols at an urban residential site in Agra.	Indian Journal of Radio and Space Physics ISSN	2014
134.	Upadhyay, S., Sharma, D., Singh, N., Satsangi, V.R., Shrivastav, R., Waghmare, U.V. and Dass, S.	Experimental and first-principles theoretical studies on Ag-doped cuprous oxide as photocathode in photoelectrochemical splitting of water	Journal of Materials Science	2014
135.	Ikram, A., Sahai, S., Rai, S., Dass, S., Shrivastav, R. and Satsangi, V.R.	Synergistic effect of CdSe quantum dots on photoelectrochemical response of	Journal of Power Sources	2014

		electrodeposited alpha Fe ₂ O ₃ films		
136.	Upadhyay, S., Bagheri, S. and Hamid, S.B.A.	Enhanced photoelectrochemical response of reduced graphene oxide/ Zn _{1-x} Ag _x O nanocomposite in visible light region	International Journal of Hydrogen Energy	2014
137.	Rai, S., Ikram, A., Sahai, S., Dass, S., Shrivastav, R. and Satsangi, V.R	Morphological optical and photoelectrochemical properties of Fe ₂ O ₃ -GNP composite thin films	RSC Advances	2014
138.	Sahai, S., Ikram, A., Rai, S., Dass, S., Shrivastav, R. and Satsangi, V.R.	CdSe quantum dots sensitized nanoporous hematite for photoelectrochemical generation of hydrogen	International Journal of Hydrogen Energy	2014
139.	Kumari, B., Sharma, S., Singh, N., Verma, A., Satsangi, V.R., Dass, S. and Shrivastav, R.	ZnO thin films, surface embedded with biologically derived Ag/Au nanoparticles, for efficient photoelectrochemical splitting of water	International Journal of Hydrogen Energy	2014
140.	Singh, N., Kumari, B., Sharma, S., Chaudhary, S., Upadhyay, S., Satsangi, V.R., Dass, S. and Shrivastav, R.	Electrodeposition and sol-gel derived nanocrystalline N-ZnO thin films for photoelectrochemical splitting of water: Exploring the role of microstructure	Renewable Energy	2014
141.	Sharma, D., Verma, A., Satsangi, V.R., Shrivastav, R. and Dass, S.	Nanostructured SrTiO ₃ thin films sensitized by Cu ₂ O for Photoelectrochemical Hydrogen Generation	International Journal of Hydrogen Energy	2014
142.	Sharma, D., Verma, Upadhyay, S., Waghmare, U.V., Satsangi, V.R., Shrivastav, R. and Dass,	Improved photoelectrochemical water splitting performance of	Journal of Physical Chemistry	2014

	S.	Cu ₂ O/SrTiO ₃ heterojunction photoelectrode		
143.	Singh .D, Kumar, R.N, Satsangee, S.P.	Trace detremination of Cd in water using anodic stripping voltammetry at a carbon paste electrode modified with coconut shell powder	J. of Analytical Science and Technology	2014
144.	Raj, K.R., Saxena, S., Kardam, A., Satsangi, S.P. and Srivastava, S.	Voltammetric speciation of arsenic species in plant biomaterial: bioremediation	Clean Technologies and Environmental Policy	2014
145.	Singhal, Y. and Singh, R.	Effect of microwave pretreatment of mixed culture on biohydrogen production from waste of sweet produced from Benincasa hispida	International Journal of Hydrogen Energy	2014
146.	Saxena, S. and Satsangee, S.P.	Offering remotely triggered real time experiments in electrochemistry for distance learners	Journal of Chemical Education	2014
147.	Singhal, Y. and Singh, R.	Comparison of Graphite Electrode Types on Generation of Bioelectricity from Petha Industry Wastewater Using Single Chamber Microbial Fuel Cells (SCMFC)	Advance Science Letters	2014
148.	Dubey, J., Banerjee, A., Meena, R.K., Kumari, K.M. and Lakhani, A.	Characterisation of Polycyclic aromatic hydrocarbons in emission of different mosquito coils	Bulletin of Environmental Contamination and Toxicology	2014
149.	Meena, R.K., Satsangi, A., Lakhani, A. and Kumari, K.M.	Carbonaceous aerosols at an urban residential site in Agra	Indian Journal of Radio and Space Physics	2014

150.	Satsangee, S.P, Jain. R, Shrivastava, R., Saxena, S.	Voltametric determination of an antihypertension agent phentolamine at BDDE in the presence of surfactants	Journal of Electrochemical Society	2014
151.	Dubey, J., Singla, V., Kumari, K.M. and Lakhani, A.	Polycyclic aromatic hydrocarbon in atmospheric particles of PM 10 at Yamuna nagar Haryana India	International Journal of Engineering and Technical Research	2014
152.	Srivastava, P., Goyal, S. and Patnala, P.K.	Degradation of Reactive, Acid and Basic textile dyes in the presence of Ultrasound and rare Earths [La and Pr],	Ultrasonics Sonochemistry	2014
153.	Singh. K, Arora. J.K, Sinha. T.J.M, Srivastava.S.	Functionalization of nano crystalline cellulose wall decontamination of Cr III & Cr IV from aqueous system	Clean Technologies and Environmental Policy	2014
154.	Singh. K, Srivastava.S	Synthesis and characterization of silane nano crystalline cellulose composite for arsenic abatement	Indian Journal of Applied Research	2014
155.	Singh. K, Sinha. T.J.M, Srivastava.S	Fabrication of silanenano crystalline cellulose: bio Nanocomposites for the abatement of Arsenic	International Journal of Advanced Research in Engineering and Technology	2014
156.	Sharma. D, Upadhyay.S, Satsangi. V. R, ShrivastavA.R, Dass.S.	Improved photoelectrochemical water splitting Performance of Cu ₂ O/SrTiO ₃ Heterojunction Photoelectrode	Journal of Physical Chemistry C	2014
157.	Sharma. D, Upadhyay.S, Satsangi. V. R, ShrivastavA.R, Dass.S.	Improved photoelectrochemical water splitting Performance of Cu ₂ O/SrTiO ₃ Heterojunction	Journal of Physical Chemistry C	2014

		Photoelectrode		
158.	Kardam.A, Raj.K.R, Srivastava. S., Srivastav.M.M	Nanocellulose fibers for biosorption of cadmium, nickel, and lead ions from aqueous solution	Clean Technologies and Environmental Policy	2014
159.	Medhe.S, Bansal.P and Srivastava.M.M.	Enhanced antioxidant activity of gold embedded ²⁷ with 3,6 dihydroxyflavone: A combinational study	Applied Nanoscience	2014
160.	Kardam.A, Raj.K.R, Srivastava.S, Srivastava.M.M.	Nanocellulose fibers for biosorption of cadmium, nickel and lead ions from aqueous solution	Clean Technologies and Environmental Policy	2014
161.	Sharma.V,Dixit.M, Satsangi.V.R, Dass.S, Pal.S, Shrivastava.S.	Photoelectrochemical splitting of water with nanocrystalline Zn _{1-x} Mn _x O thin films: First-principle DFT computations supporting the systematic experimental endeavour	International journal of Hydrogen Energy	2014
162.	Ikram.A, Sahai.S, Rai.S, Dass.S, Shrivastava.R and Satsangi.V.R.	CdSe quantum dots modified sol-gel derived alpha-Fe ₂ O ₃ thin film in solar generation of hydrogen	Advance Science Letters	2014
163.	Srivastava.P, Goyal.S and Tayade.R.	Ultrasound-assisted adsorption of Reactive Blue 21 dye on TiO ₂ in the presence of some rare earths (La, Ce, Pr & Gd)	Canadian Journal Chem Engg.	2014
164.	Singh.N, Choudhary.S, Upadhyay.S, Satsangi. V.R, Dass. S, Shrivastava.R.	Nanocrystalline Zn _{1-x} Ag _x O _y thin films evolved through electrodeposition for photoelectrochemical splitting of water	Journal of Solid State Electrochemistry	2014
165.	Rai.S, Ikram. S, Sahai.S,	Morphological,	RSC Advances	2014

	Dass.S, Shrivastava.R and Satsangi.V.R	optical and photoelectrochemical properties of Fe ₂ O ₃ -GNP composite thin films		
166.	Sen et al.	Atmospheric Fine and Coarse Mode Aerosols at Different Environments of India and the Bay of Bengal During Winter-2014: Implications of a Coordinated Campaign	MAPAN-Journal of Metrology Society of India	2014
167.	Singh.K, Arora.J.K, Sinha.T J.M and Srivastava.S.	Functionalization of nanocrystalline cellulose for decontamination of Cr (III) and Cr(VI) from aqueous system: computational modeling approach	Clean Technologies and Environmental Policy	2014
168.	Bansal. S.K, Singhal.Y and Singh. R	Effect of ultrasonic treatment on mixed microflora used for biohydrogen production from kitchen waste in a batch reactor	Advance Science Letters	2014
169.	Singla, V., Pachauri, T., Satsangi, A., Kumari, K.M. and Lakhani, A.	Characterization and mutagenicity assessment of pm 2.5 and pm 10 at PAH agra india	Polycyclic Aromatic Compounds	2013
170.	Pachauri, T., Satsangi, A., Singla, V., Lakhani, A. Kumari, K.M.	Characteristics and Sources of Carbonaceous Aerosols in PM _{2.5} during wintertime in Agra, India	Aerosol and Air Quality Research	2013
171.	Satsangi, A., Pachauri, T., Singla, V., Lakhani, A. Kumari, K.M.	Water Soluble Ionic Species in Atmospheric Aerosols: Concentrations and Sources at Agra in the	Aerosol and Air Quality Research	2013

		Indo-Gangetic Plain (IGP).		
172.	Pachauri, T., Singla, V., Satsangi, A., Lakhani, A. Kumari, K.M.	Characterization of carbonaceous aerosols with special reference to episodic events at Agra, India,	Atmospheric Research	2013
173.	Pachauri, T., Singla, V., Satsangi, A., Lakhani, A. Kumari, K.M.	SEM-EDX Characterization of Individual Coarse Particles in Agra, India,	Aerosol and Air Quality Research	2013
174.	Pachauri, T., Singla, V., Satsangi, A., Lakhani, A. Kumari, K.M.	Characterization of major pollution events (dust, haze and two festival events) at Agra, India,	Environmental Science and Pollution Research.	2013
175.	Jain. R, Sharma. R.K., Yadav.R., Shrivastava.R.	Graphene based electrochemical sensors for detection and quantification of dopaminergic agonist drug pramipexole-an electrochemical impedance spectroscopy and atomic force microscopy study	Journal of Electrochemical Society	2013
176.	Srivastava.P, Patnala. P.K and Goyal.S.	Sonolytic decolourisation of Acid Red 88 dye in the presence of Titanium dioxide and Rare Earths,	Journal of Applicable Chemistry	2013
177.	Rajawat. D.S., Kardam. A., Srivastava.S., Satsangee.S.P.	Nanocellulosic fiber-modified carbon paste electrode for ultra trace determination of Cd (II) and Pb (II) in aqueous solution	Environmental Science and Pollution Research	2013
178.	Devnani.H, Satsangee. S. P.	Voltammometric trace determination of mercury using plant refuse modified carbon paste electrodes	Environmental Monitoring and Assessment,	2013

179.	Rajawat. D.S., Kardam. A., Srivastava.S., Satsangee.S.P.	Nano cellulosic fibers modified carbon paste electrode for ultra trace determination of Cd (II) and Pb (II) in aqueous solution	Environmental Science and Pollution Research	2013
180.	Srivastava.P and Goyal.S.	Sonochemical decolourisation of Reactive Blue 21 and Acid Red 114 in the presence of TiO ₂ and Rare Earths	Material Science Forum	2013
181.	Bansal. S.K., Sreekrishnan.T.R and Singh. R.	Effect of Heat Pretreated Consortia on Fermentative Biohydrogen Production from Vegetable Waste	National Academy of Sciences	2013
182.	Solanki.A, Shrivastava.J, Upadhyay.S, Choudhary.S, Sharma. V, Sharma. P, Pushpendra .K , Kumar. P,Ehrman. S, Satsangi.V.R , Shrivastava.R , Dass. S	Modified structural, morphological and photoelectrochemical properties of 120 MeV Ag ⁹⁺ ion irradiated BaTiO ₃ thin films	Current Applied Physics	2013
183.	Solanki.A, Choudhary.S, Kumar. P,Ehrman. S, Satsangi.V.R , Shrivastava.R , Dass. S	Enhanced photoelectrochemical properties of 100 MeV Si ⁸⁺ ion irradiated barium titanate thin films	Journal of Alloys and Compounds	2013
184.	Singh.N., Choudhary.S, Upadhyay. S, Satsangi. V. R, Dass. S, Srivasatva. R.	Nano crystalline Zn _{1-x} Ag _x O _y thin films evolved through electro deposition for photo electrochemical splitting of water	Journal of Solid State Electrochemistry	2013
185.	Choudhary.S, Upadhyay. S, Satsangi. V. R, Dass. S, Srivasatva. R., Solanki. A., Singh. N.	Nano structured Cu O / SrTiO ₃ bilayer thin films for photoelectrochemical water splitting	Journal of Solid State Electrochemistry	2013
186.	Medhe. S., Bansal. P., Roy. S., Rajan. M G.R. and Srivastava. M.M.	Combinational and Nanotech Enhancement in Antibreast Cancer	Bionanoscience	2013

		Efficacy: Dietary Chemo preventing Agent,		
187.	Raj. K.R., Kardam. A, Arora. J. K., Srivastava. S, Srivastava. M.M.	Prediction of the As (III) and As (V) abatement capacity of Zea mays cob powder	National Academy Science Letters	2013
188.	Raj. K. R, Kardam. A, Srivastava. S.	Development of poly ethyl enimine modified zea mays as a high capacity biosorbent for th removal of As III and As V from aqueous system	International Journal of Mineral Processing	2013
189.	Rani . R., Medhe. S., Raj.K.R. and Srivastava. M.M.	Standardization of HPTLC method for the estimation of Oxytocin in edibles	Journal of Food Science and Technology	2013
190.	Bansal.P., Medhe. S., Ganesh.N., and Srivastava.M.M.	In vitro anticancer activity of dietary bioagent (isothiocynates) on HepG2 and B16F10 cell lines: a comparative study	Annals of Plant Science	2013
191.	Singh. K, Singh. V.K., Verma.S.K., Bharose. R., Suman.A.	Characterization of modified polypropylene powder and its use for adsorption of phenolics from aqueous soln	Indian Journal of Chemical Technology	2013
192.	Singh. V.K., Verma. S.K., Chandra.B., Gupta. S and Singh. K.	Application and potential of power ultrasound in sugar manufacturing; unknown chemical green technology	Journal of Pure and Applied Ultrasound	2013
193.	Choudhary.S, Upadhayay. S, Singh. N., Singh.P, Satsangi. V. R, Dass. S,	Nanostructured bilayered thin films in photoelectrochemical water splitting - A review	Intenational Journal of Hydrogen Energy	2013
194.	Raj. K.R., Kardam. A, Arora. J. K, Srivastava.	Adsorption behavior of dyes from aqueous	Clean Technologies and	2013

	S, Srivastava. M.M.	solution using agricultural waste: modeling approach	Environmental Policy	
195.	Raj. K.R., Kardam. A, Arora. J. K, Srivastava. M.M. and Srivastava. S,	Adsorption behaviour of dyes from aqueous solution using agricultural waste: Modeling approach	Clean Technology and Environmental Policy	2013
196.	Raj. K.R., Kardam. A, Arora. J. K, Srivastava. S.	An application of ANN modeling on the biosorption of arsenic	Waste and Biomass Valorization	2013
197.	Srivastava. S, Raj. K.R., Kardam. A,	Application of Ameliorated Wood Pulp to Recover Cd(II),Pb(II) and Ni(II) from E-waste	Environmental Chemistry Letters	2013
198.	Pachauri, T., Satsangi, A., Lakhani, A., & Kumari, K. M.	Chemical characterization of nutrients in seeds of underutilized grain: Chenopodium album.	Res. Environ. Life Sci	2013
199.	Pachauri, T., Singla, V., Satsangi, A., Lakhani, A., & Kumari, K. M.	Characterization of major pollution events (dust, haze, and two festival events) at Agra, India.	Environmental Science and Pollution Research	2013
200.	Satsangi, A., Pachauri, T., Singla, V., Lakhani, A., & Kumari, K. M.	Water soluble ionic species in atmospheric aerosols: Concentrations and sources at Agra in the Indo-Gangetic Plain (IGP).	Aerosol and Air Quality Research	2013
201.	Pachauri, T., Singla, V., Satsangi, A., Lakhani, A., & Kumari, K. M.	Characterization of carbonaceous aerosols with special reference to episodic events at Agra, India.	Atmospheric Research	2013
202.	Pachauri, T., Satsangi, A., Singla, V., Lakhani, A., & Kumari, K. M.	Characteristics and sources of carbonaceous aerosols in PM _{2.5} during wintertime in Agra, India.	Aerosol and Air Quality Research	2013
203.	Pachauri, T., Singla, V., Satsangi, A., Lakhani,	SEM-EDX characterization of	Aerosol and Air Quality Research	2013

	A., & Kumari, K. M.	individual coarse particles in Agra, India.		
204.	Lakhani, A.	Source apportionment of particle bound polycyclic aromatic hydrocarbons at an industrial location in Agra, India.	The Scientific World Journal	2012
205.	Singla, V., Pachauri, T., Satsangi, A., Kumari, K. M., & Lakhani, A.	Characterization and mutagenicity assessment of PM _{2.5} and PM ₁₀ PAH at Agra, India.	Polycyclic Aromatic Compounds	2012
206.	Satsangi, A., Pachauri, T., Singla, V., Lakhani, A., & Kumari, K. M.	Organic and elemental carbon aerosols at a suburban site.	Atmospheric Research	2012
207.	Tripti Pachauri, Vyoma Singla, Aparna Satsangi, Anita Lakhani and K. Maharaj Kumari	Number and mass of ultrafine, fine and coarse atmospheric particles during different seasons at Agra, India.	Journal of Research in Ecology	2012
208.	Jain, N., Singla, V., Satsangi, A., Pachauri, T., Kumari, K. M., & Lakhani, A.	Polycyclic aromatic hydrocarbon emissions and mutagenicity assessment of exhaust from a diesel generator.	Journal of Hazardous, Toxic, and Radioactive Waste	2012
209.	Lakhani, A., Parmar, R. S., & Prakash, S.	Chemical composition of dew resulting from radiative cooling at a semi-arid site in Agra, India.	Pure and applied geophysics	2012
210.	Rajput, N., & Lakhani, A.	Particle associated polycyclic aromatic hydrocarbons (PAHs) in urban air of Agra.	Polycyclic Aromatic Compounds	2012
211.	Singla, V., Pachauri, T., Satsangi, A., Kumari, K. M., & Lakhani, A.	Surface ozone concentrations in Agra: links with the prevailing meteorological	Theoretical and Applied Climatology	2012

		parameters.		
212.	Singla, V., Pachauri, T., Satsangi, A., Kumari, K. M., & Lakhani, A.	Comparison of BTX profiles and their mutagenicity assessment at two sites of Agra, India.	The Scientific World Journal	2012
213.	Singla. V., Pachori. T. , Satsangi. A, kumara. K.M, and Lakahani. A.	Comparison of btx profile and their mutagenicity assessment at two sites of agra india	Scientific World Journal	2012
214.	Lakahani. A	Source apportionment of particle bound polycyclic aromatic hydrocarbons at a industrial location at agra	Scientific World Journal	2012
215.	Medhe. B.P., Ganesh.S., Sivastava.M.M.	Isothiocyanates: naturally occurring HepG2: human liver carcinoma inhibitor	International Journal of Biosaays	2012
216.	Sharma. P., Kumar. P., Solanki. A., Srivasatava. R., Dass. S., Satsngi. V.R.	Photoelectrochemica; performance of bilayer Fe- TiO ₂ / Zn – Fe ₂ O ₃ thin films for solar generation of hydrogen	Journal Solid State Electro chemistry	2012
217.	Singh. K., Bharose. R., Verma. S. K., Singh. V.	Potential of powder activated mustard cake for decolourising raw sugar	Journal of Scientific Food and Agriculture	2012
218.	Singhal.Y.,Bansal. S.K., Singh. R.	Evaluation of biogas production from solid state using pretreatment method in anaerobic condition	Journal of Emerging Science	2012
219.	Kumar.S., Pandya. P., Pandav. S. Gupta. S.P., Chopra. A	Structural studys on ligand dna system a robust approach in drug design	Journal of Bioscience	2012
220.	Singla, V., Satsangi, A., Pachauri, T., Lakhani, A., & Kumari, K. M.	Ozone formation and destruction at a sub-urban site in North Central region of India.	Atmospheric Research	2011
221.	Rajput, N., & Lakhani,	Measurements of	Atmosfera	2010

	A.	polycyclic aromatic hydrocarbons in an urban atmosphere of Agra, India.		
222.	Satsangi, A., Pachauri, T., Singla, V., Lakhani, A., & Kumari, K. M.	Carbonaceous aerosols at a suburban site in Indo-Gangetic plain.	Indian Journal of Radio and Space Physics	2010
223.	Rajput, N., Pyari, A. A., Saini, M. K., Kumari, K. M., & Lakhani, A.	Assessment of PAH toxicity and mutagenicity in emissions from coal and biofuel combustion.	Journal of Environmental Science & Engineering	2010
224.	Rajput, N., & Lakhani, A.	PAHs and their carcinogenic potencies in diesel fuel and diesel generator exhaust.	Human and Ecological Risk Assessment	2009
225.	Rajput, N., & Lakhani, A.	Particle associated polycyclic aromatic hydrocarbons in urban air of Agra.	Indian journal of Radio and Space Physics.	2009
226.	Rajput, N., & Lakhani, A.	Measurements of polycyclic aromatic hydrocarbons at an industrial site in India.	Environmental Monitoring and Assessment	2009
227.	Rajput, N., Khemani, L. D., & Lakhani, A.	Polycyclic aromatic hydrocarbons in ambient air at Agra: distribution and toxicity assessment.	Journal of Environmental science & Engineering	2008
228.	1. Anita Lakhani, Parmar R.S., Satsangi G.S. and Prakash S.	Size distribution of trace metals in ambient air of Agra.	Indian Journal of Radio and Space Physics	2008
229.	Lakhani, A., Parmar, R. S., Satsangi, G. S., & Prakash, S.	Chemistry of fogs at Agra, India: Influence of soil particulates and atmospheric gases.	Environmental Monitoring and Assessment	2007
230.	Rajput N., Khemani L. D	Determination of	Pollution	2007

	and Anita Lakhani	polycyclic aromatic hydrocarbons in atmospheric particulate matter using gas chromatography.	Research	
231.	Rajput N., Khemani L. D. and Anita Lakhani	Polycyclic Aromatic Hydrocarbons: A Review.	DEI Journal of Science and Engineering Research	2006
232.	Lakhani, A., Satsangi, G. S., Parmar, R. S., & Prakash, S.	Chemistry of sulphur and nitrogen species and other major cations/anions in fog water.	Indian journal of Radio and Space Physics	2005
233.	Satsangi, G. S., Lakhani, A., Kulshrestha, P. R., & Taneja, A.	Seasonal and diurnal variation of surface ozone and a preliminary analysis of exceedance of its critical levels at a semi-arid site in India.	Journal of Atmospheric Chemistry	2004
234.	Rajput N. and Anita Lakhani	Analysis of seed oil of <i>Centratherum anthelminticum</i> .	Journal of Tropical and Medicinal Plants	2004
235.	Satsangi, G. S., Lawrance, A. J., Bhattacharya, A., Lakhani, A., Kulshreshta, H., & Taneja, A.	Determination of Critical Load: Protection of Ecosystem.	Indian Council of Science and Industrial Research	2003
236.	Satsangi, G. S., Lawrence, A. J., Lakhani, A., & Taneja, A.	Assessment of the potential for soil acidification in North India using the critical load approach and locally derived data for acidic and basic inputs.	Chemosphere	2003
237.	Satsangi, G. S., Lakhani, A., Khare, P., Singh, S. P., Kumari, K. M., & Srivastava, S. S.	Measurements of major ion concentration in settled coarse particles and aerosols at a semiarid rural site	Environment international	2002

		in India.		
238.	Singh, S. P., Khare, P., Satsangi, G. S., Lakhani, A., Maharaj Kumari, K., & Srivastava, S. S.	Rainwater composition at a regional representative site of a semi-arid region of India.	Water, air, and soil pollution	2001
239.	Parmar, R. S., Satsangi, G. S., Kumari, M., Lakhani, A., Srivastava, S. S., & Prakash, S.	Study of size distribution of atmospheric aerosol at Agra.	Atmospheric Environment	2001
240.	Singh, S. P., Satsangi, G. S., Khare, P., Lakhani, A., Kumari, K. M., & Srivastava, S. S.	Multiphase measurement of atmospheric ammonia.	Chemosphere-Global Change Science	2001
241.	Parmar, R. S., Satsangi, G. S., Lakhani, A., Srivastava, S. S., & Prakash, S.	Simultaneous measurements of ammonia and nitric acid in ambient air at Agra (27° 10' N and 78° 05' E) (India).	Atmospheric Environment	2001
242.	Parmar, R. S., Satsangi, G. S., Lakhani, A., Srivastava, S. S., Prakash, S., Rastogi, R. K. & Manohar, S. B.	Diurnal and season behaviour of atmospheric ammonia and nitric acid in a suburban site	In Proceedings of the 10th National Symposium on Environment-Pollution in Urban Environment	2000
243.	Singh S.P., Khare P., Satsangi G.S., Anita Lakhani, Kumari K.M. and Srivastava S.S.	Dry deposition in a rural site of north India.	Journal of Environmental Studies and Policy	2000
244.	Singh, S. P., Khare, P., Satsangi, G. S., Lakhani, A., Kumari, K. M., & Srivastava, S. S.	Rainwater Composition at a Remote Semi-Arid Site of India.	Pollution Research	2000
245.	Satsangi, G. S., Rani, A., Kumar, R., Singh, S. P., Lakhani, A., Kumari, K. M., & Srivastava, S. S.	Status of Acid Rain in India and Study on Rainwater Composition at Gopalpura (Agra).	Indian Council of Science and Industrial Research	2000
246.	Parmar, R. S., Satsangi, G. S., Lakhani, A., Srivastava, S. S., &	Experimental study on deposition of oxides of sulphur and	Indian Journal of Radio & Space Physics	2000

	Prakash, S.	nitrogen on dry and wet surrogate surfaces		
247.	Satsangi, G. S., Khare, P., Lakhani, A., Kumari, K. M., & Srivastava, S. S.	Dry deposition at five sites of western UP.	Indian Journal of Environmental Health,	1999
248.	Singh, S. P., Satsangi, G. S., Khare, P., Lakhani, A., Kumari, K. M., & Srivastava, S. S.	Dry deposition in a rural site of north India.	Journal of Environmental Studies and Policy	1999
249.	Parmar, R. S., Lakhani, A., Kulshrestha, U. C., Kumar, N., Kumari, K. M., Prakash, S., & Srivastava, S. S.	Relationship between ambient sulphate and sulphur dioxide at four different sites in Agra.	Indian Journal of Radio & Space Physics	1999
250.	Kulshrestha, U. C., Saxena, A., Kumar, N., Kumari, K. M., & Srivastava, S. S.	Chemical composition and association of size-differentiated aerosols at a suburban site in a semi-arid tract of India.	Journal of Atmospheric Chemistry	1998
251.	Satsangi, G. S., Lakhani, A., Khare, P., Singh, S. P., Kumari, K. M., & Srivastava, S. S.	Composition of rain water at a semi-arid rural site in India.	Atmospheric Environment	1998
252.	Satsangi, G. S., Taneja, A., Khare, P., Singh, S. P., Lakhani, A., Kumari, K. M., & Srivastava, S. S.	Deriving critical loads for the Agra region in India.	Science of the Total Environment	1998
253.	Saxena, A., Kulshrestha, U. C., Kumar, N., Kumari, K. M., Prakash, S., & Srivastava, S. S.	Dry deposition of sulphate and nitrate to polypropylene surfaces in a semi-arid area of India.	Atmospheric Environment	1997
254.	Khare P., Anita Saxena, Kumar N., Kumari K.M. and Srivastava S.S.	Source contribution to aerosol at an industrial site in Agra	DEI Journal of Science and Engineering Research	1997
255.	Khare, P., Kulshrestha, U. C., Saxena, A., Kumar, N., Kumari, K. M.,	The source apportionment of particulate matter using enrichment	Indian Journal of Environmental Health	1996

	& Srivastava, S. S.	factor and principal component analysis.		
256.	Kumar, N., Kulshrestha, U. C., Khare, P., Saxena, A., Kumari, K. M., & Srivastava, S. S.	Measurements of formic and acetic acid levels in the vapour phase at Dayalbagh, Agra, India.	Atmospheric Environment	1996
257.	Saxena, A., Kulshrestha, U. C., Kumar, N. K. K. M., Kumari, K. M., & Srivastava, S. S.	Characterization of precipitation at Agra.	Atmospheric Environment	1996
258.	Kumar, N., Kulshrestha, U. C., Saxena, A., Khare, P., Kumari, K. M., & Srivastava, S. S.	Formate and acetate levels compared in monsoon and winter rainwater at Dayalbagh, Agra (India).	Journal of Atmospheric Chemistry	1996
259.	Khare, P., Kapoor, S., Kulshrestha, U. C., Saxena, A., Kumar, N., Kumari, K. M., & Srivastava, S. S.	Variation in ionic composition of precipitation collected by sequential sampling.	Environmental Technology	1996
260.	Kulshrestha, U. C., Kumar, N., Saxena, A., Khare, P., Kumari, K. M., & Srivastava, S. S.	Chemical composition of atmospheric aerosol at three representative sites in Agra.	Energy Environment Monitor,	1995
261.	Kulshrestha, U. C., Kumar, N., Saxena, A., Kumari, K. M., & Srivastava, S. S.	Identification of the nature and source of atmospheric aerosols near the Taj Mahal (India).	Environmental Monitoring and Assessment	1995
262.	Kulshrestha, U. C., Saxena, A., Kumar, N., Kumari, K. M., & Srivastava, S. S.	Mass size distribution of aerosols at a suburban site of Agra.	Indian Journal of Radio & Space Physics	1995
263.	Kulshrestha, U. C., Saxena, A., Kumar, N., Kumar, K. M., & Srivastava, S. S.	Measurement of heavy metals in the ambient air of Agra.	Indian J. Environ. Prot	1994
264.	Kulshrestha U.C.,	Characteristics and	Journal of Aerosol	1994

	Kumar N., Anita Saxena, Kumari K. M. and Srivastava S.S.	distribution of major ions of atmospheric aerosols in a semi-arid region of India.	Science	
265.	Saxena, A., Kulshrestha, U. C., Kumar, N., Kumari, K. M., & Srivastava, S. S.	Distribution of air-borne fluoride: Vapour phase, particulate, precipitation and dry deposition.	Environmental Technology	1994
266.	Kumar N., Kulshrestha U.C., Anita Saxena, Kumari K.M. and Srivastava S.S.	Dry deposition of formate and acetate compared at four sites in Agra.	Energy Environment Monitor	1994
267.	Kulshrestha, U. C., Saxena, A., Kumar, N., & Kumari, K. M.	Seasonal variability of particulate matter and its anionic components at Agra.	Indian Journal of Environmental Protection	1993
268.	Kumar, N., Kulshrestha, U. C., Saxena, A., Kumari, K. M., & Srivastava, S. S.	Formate and acetate in monsoon rainwater of Agra, India.	Journal of Geophysical Research: Atmospheres	1993
269.	Kumar, N., Kulshrestha, U. C., Saxena, A., Kumari, K. M., & Srivastava, S. S.	Effect of anthropogenic activity on formate and acetate levels in precipitation at four sites in Agra, India.	Atmospheric Environment. Part B. Urban Atmosphere	1993
270.	Saxena, A., Kulshrestha, U. C., Kumar, N., Kumari, K. M., & Srivastava, S. S.	Dry deposition of nitrate and sulphate on surrogate surfaces.	Environment international	1992
271.	Anita Saxena, Kulshrestha U.C., Kumar N., Kumari K.M. and Srivastava S.S.	Relating chemical characteristics of precipitation to sources in Agra.	Energy Environment Monitor	1992
272.	Kulshrestha, U. C., Saxena, A., & Srivastava, S. S.	Chemical composition of rain water with reference to legislation: a case study.	J. Indian Association for Environmental Management	1991
273.	Saxena, A., Sharma,	Factors affecting	Environmental	1991

	S., Kulshrestha, U. C., & Srivastava, S. S.	alkaline nature of rain water in Agra (India).	Pollution	
274.	Sharma, S., Kulshrestha, U. C., Saxena, A., & Srivastava, S. S.	Bulk and wet atmospheric deposition chemistry at Agra.	Indian J. Environ. Protect	1990
275.	Sharma D., Anita Saxena and Srivastava S.S.	Fluoride in soil, ground-water, ambient air and barley plants in brick-kiln vicinity.	Journal of Indian Association of Environmental Management	1989