

## List of Research Publication ( Last 5 Years)

SN	Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number	Citation Index	Link to the recognition in UGC enlistment of the Journal /Digital Object Identifier (doi) number
1	Effect of Different Cytokinins and Media Type on in vitro Shoot Proliferation of <i>Asparagus recemosus</i> Willd	Shubha Thakkur, K.L. Tiwari and S.K. Jadhav	Plant Tissue Culture & Biotechnology,26(2):51-157.	2016	18173721		<a href="https://doi.org/10.3329/ptcb.v26i2.30565">https://doi.org/10.3329/ptcb.v26i2.30565</a>
2	Variation in Aeromycoflora of Raipur city with special reference to allergic diseases	Shahla Khan, V.K. Kanungo and S.K. Jadhav	Indian Journal of Applied & Pure Biology,31(2):131-142.	2016	9702091		
3	Optimization of electrode material for bioelectricity production through microbial fuel cell	Alka Kaushik and SK Jadhav	Bharatiya Vaigyanik evam Audyogik Anusandhan Patrika (BVAAP),24(2):128-143.	2016	975-2412		
4	Semi-quantitative expression studies of genes involved in biosynthesis of curcuminoid in <i>Curcuma caesia</i> Roxb.	Neha Behar, K.L. Tiwari and S.K. Jadhav	Indian Journal of Biotechnology,15:491-492.	2016	9725849		
5	Effect of chemical pretreatment on de-oiled rice bran for fermentative biohydrogen production	Shabina Khan, Veena Thakur, Jadhav S.K., Afaqur Quraishi	CSVTU International Journal of Biotechnology, Bioinformatics and Biomedical,1(1):20-24.	2016	24555762		
6	Comparative Studies of <i>Saccharomyces cerevisiae</i> MTCC 4780 and <i>Pichia kudriavzevii</i> for Bioethanol Production Using Sal ( <i>Shorea robusta</i> ) seeds	Chhaya Malagar, Shubhra Tiwari, S.K. Jadhav and K.L. Tiwari	Journal of Biofuels,07(1):9-13.	2016	9763015		<a href="https://doi.org/10.1007/s11738-016-2132-8">https://doi.org/10.1007/s11738-016-2132-8</a>
7	Improvement of the Antirheumatic Substance Present in Medicinal Plants in Chhattisgarh Region	Ankita Sharma, K.L. Tiwari and S.K. Jadhav	Advance in Plant Science,29(1):123-128.	2016	9703586		
8	Correlation between Iron Pollution and Physicochemical Characteristics of Effluent of Steel Industries from Urla, Raipur (Chhattisgarh), India	Tikendra Kumar Verma, K.L. Tiwari and S.K. Jadhav	Research Journal of Environmental Toxicology,10(3):172-182.	2016	18193420		
9	Synthesis and in vitro Antifungal Activity of Phosphate Esters	Mithilesh Kumari Gupta, S.K. Jadhav and S.A. Bhoite	Asian Journal of Chemistry,28(07):1523-1527.	2016	9707077	2, SCI, IF: 1.76	
10	Relation between Sugar Consumption and Bioethanol Production Potential in Lignocellulosic biomass	Pandey Anshika, Tiwari Shubhra, Tiwari KL and Jadhav SK	Research Journal of Biotechnology,11(1):12 – 17.	2016	22784535	9, SCI, IF: 1.81	

11	In vitro slow growth storage of <i>Chlorophytum borivillianum</i> Sant et Fernand: a critically endangered herb	Ravishankar Chauhan, S Keshavkant, SK Jadhav & Afaque Quraishi	<i>In Vitro Cellular &amp; Developmental Biology-Plant</i> , 52:315-321	2016	1054-5476	66, SCI, IF: 0.728	<a href="https://doi.org/10.1007/s11627-016-9756-7">https://doi.org/10.1007/s11627-016-9756-7</a>
12	A comprehensive review on pharmacological properties and biotechnological aspects of Genus <i>Chlorophytum</i>	Ravishankar Chauhan, Afaque Quraishi, S. K. Jadhav and S. Keshavkant	<i>Acta Physiologicae Plantarum</i> , 38(5):116.	2016	1375881	10, SCI, IF: 0.3	<a href="https://doi.org/10.1007/s11738-016-2132-8">https://doi.org/10.1007/s11738-016-2132-8</a>
13	Arsenic-induced metabolic disturbances and their mitigation mechanisms in crop plants: A review	Vibhuti Chandrakar, SC Naithani & S. Keshavkant	<i>Biologia</i> , 71(4):367-377.	2016	63088	41, SCI, IF: 1.34	<a href="https://doi.org/10.1515/biolog-2016-0052">https://doi.org/10.1515/biolog-2016-0052</a>
14	Physiological and biochemical changes during seed development and maturation in <i>Madhuca latifolia</i> Roxb	Jipsi Chandra & S. Keshavkant	<i>Bangladesh Journal of Botany</i> , 45(2):335-343.	2016	2535416	49, SCI, IF: 2.15	
15	Responses of plants towards fluoride: an overview of oxidative stress and defense mechanisms	Bhumika Yadu, Vibhuti Chandrakar & S. Keshavkant	<i>Fluoride</i> , 49(3.2):293-302.	2016	154725	7, SCI, IF: 0.343	
16	Modulation of antioxidant enzymes by salicylic acid in arsenic exposed <i>Glycine max</i> L.	Vibhuti Chandrakar, Amit Dubey & S. Keshavkant	<i>Journal of Soil Science &amp; Plant Nutrition</i> , 16:662-676	2016	7189516	1, SCI	<a href="http://dx.doi.org/10.4067/S0718-95162016005000048">http://dx.doi.org/10.4067/S0718-95162016005000048</a>
17	Assessment on threatened classification of <i>Gloriosa superba</i> L.	Chandrawanshi, N. K., S. K. Jadhav, K. L. Tiwari and Quraishi Afaque	<i>Deccan Current Science</i> , 15(1):140-150.	2016	9753044	0, SCI	
18	Removal of Fe(II) Using <i>Aspergillus flavus</i> from Aqueous Solution	Tikendra Kumar Verma, K.L. Tiwari and S.K. Jadhav	<i>Indian Journal of Scientific and Research</i> , 13(2): 63-67.	2017	9762876	24, SCI, IF: 2.9	
19	Bioconversion Study of Deoiled Rice Bran for Bioethanol Production	Esmil Belya, Kishan Lal Tiwari and Shailesh Kumar Jadhav	<i>Indian Journal of Scientific and Research</i> , 13(2):21-24.	2017	9762876	41, SCI, IF: 2.00	
20	Conversion of waste to electricity in a microbial fuel cell using newly identified bacteria: <i>Pseudomonas fluorescens</i>	A. Kaushik and S.K. Jadhav	<i>International Journal of Environmental Science and Technology</i> , 14(8): 1771-1780.	2017	17351472	42, SCI, IF: 3.72	<a href="https://doi.org/10.1007/s13762-017-1260-z">https://doi.org/10.1007/s13762-017-1260-z</a>
21	Atmospheric studies of fungal bioaerosols in the market area of Nawapara (Rajim), District- Raipur (Chhattisgarh)	Raju Mahobia, Shailesh Kumar Jadhav and Rekha Pimpalgaonkar	<i>Indian Journal of Scientific and Research</i> , 13(1): 257-262.	2017	9762876	38, SCI, IF: 1.79	
22	Optimization of key factors for enhanced fermentative biohydrogen production from water hyacinth by RSM	Veena Thakur, Mona Tandon and S.K. Jadhav	<i>Current Science</i> , 113(4): 790-795.	2017	113891	15, SCI, IF: 0.728	<a href="https://doi.org/10.18520/cs/v113/i04/790-795">https://doi.org/10.18520/cs/v113/i04/790-795</a>
23	Airborne <i>Penicillium</i> in the atmosphere of Panbanaras, Rajnandgaon district	Shriram Kunjam and S.K. Jadhav	<i>Indian Journal of Scientific and Research</i> , 13(1): 29-33.	2017	9762876	12, SCI, IF: 0.44	

24	In Vitro Mid-Term Conservation of <i>Acorus calamus</i> L. via Cold Storage of Encapsulated Microrhizome	Afaque Quraishi, Snigdha Mehar, Durga Sahu, Shailesh Kumar Jadhav	Brazilian Archives of Biology and Technology,60	2017	15168913	SCI, IF: 0.728	<a href="https://doi.org/10.1590/1678-4324-2017160378">https://doi.org/10.1590/1678-4324-2017160378</a>
25	Bioelectricity Production and Comparative Evaluation of Electrode Materials in Microbial Fuel Cells using Indigenous Anode-Reducing Bacterial Community from Wastewater of Rice-Based Industries	Reena Meshram and Shailesh Kumar Jadhav	International Journal of Renewable Energy Development,6(1):83-92.	2017	22524940	11, SCI, IF: 0.758	
26	Antibacterial properties of amino acid functionalized silver nanoparticles	Kumudini Chandrakar, Rekha Nagwanshi, S.K. Jadhav, Kallol K. Ghosh, Manmohan L. Satnami	Spectrochimica Acta Part A : Molecular and Biomolecular Spectroscopy,181: 47-54	2017	13861425	0, SCI, IF:0.756	
27	Sustainable Approach for Bioethanol Production from Deoiled Rice Bran by <i>Zymomonas mobilis</i> MTCC 92	Beliya Esmil, Tiwari Kishan Lal and Jadhav Shailesh Kumar	Research Journal of Chemistry and Environment,21(4):12-18.	2017	9720626	5	
28	Imperative roles of salicylic acid and nitric oxide in improving salinity tolerance in <i>Pisum sativum</i> L.	Shrishti Yadu, Teman Lal Dewangan, Vibhuti Chandrakar & S. Keshavkant	Physiology and Molecular Biology of Plants,23:43-58.	2017	9715894		<a href="https://doi.org/10.1007/s12298-016-0394-7">https://doi.org/10.1007/s12298-016-0394-7</a>
29	Arsenic-induced genotoxic responses and their amelioration by diphenylene iodonium, 24-epibrassinolide and proline in <i>Glycine max</i> L.	Vibhuti Chandrakar, Bhumika Yadu, Rakesh Kumar Meena, Amit Dubey & S. Keshavkant	Plant Physiology and Biochemistry,112:74-86.	2017	9819428		<a href="https://doi.org/10.1016/j.plaphy.2016.12.023">https://doi.org/10.1016/j.plaphy.2016.12.023</a>
30	Glycinebetaine reduces oxidative injury and enhances fluoride stress tolerance via improving antioxidant enzymes, proline and genomic template stability in <i>Cajanus cajan</i> L.	Bhumika Yadu, Vibhuti Chandrakar, Rakesh Kumar Meena & S. Keshavkant	South African Journal of Botany,111:68-75.	2017	2546299		<a href="https://doi.org/10.1016/j.sajb.2017.03.023">https://doi.org/10.1016/j.sajb.2017.03.023</a>
31	Modulation in arsenic-induced lipid catabolism in <i>Glycine max</i> L. using proline, 24-epibrassinolide and diphenylene iodonium	Vibhuti Chandrakar, Suruchi Parkhey, Amit Dubey & S. Keshavkant	Biologia,72:292–299 .	2017	63088	2, SCI,	<a href="https://doi.org/10.1515/biolog-2017-0033">https://doi.org/10.1515/biolog-2017-0033</a>
32	Modulation of nickel toxicity by glycinebetaine and aspirin in <i>Pennisetum typhoideum</i>	Roseline Xalxo, Bhumika Yadu, Piu Chakraborty, Vibhuti Chandrakar & S. Keshavkant	Acta Biologica Szegediensis,61(2):163-171.	2017	1588385X		
33	Acid rain-induced oxidative stress regulated metabolic interventions and their amelioration mechanisms in plants	Roseline Xalxo & S. Keshavkant	Biologia,72:1387-1393.	2017	63088	12	<a href="https://doi.org/10.1515/biolog-2017-0171">https://doi.org/10.1515/biolog-2017-0171</a>

34	Efficient synthesis of plant-mediated silver nanoparticles and their screening for antimicrobial activity	Rashmi Dwivedi,Bhoopander Giri,and Kamlesh Shukla	Plant Science Today,4(3):143-150.	2017	23481900	11, SCI, IF:2.031	<a href="http://dx.doi.org/10.14719/pst.2017.4.3.328">http://dx.doi.org/10.14719/pst.2017.4.3.328</a>
35	Nutraceutical Properties Evaluation of <i>Schizophyllum commune</i>	Chandrawanshi, N. K., Tandia, D. K., and Jadhav, S. K.	Indian Journal of Scientific Research,13(2):57-62.	2017	09762876	28, SCI, IF:2.931	
36	Parameter's optimization and kinetics study of alpha-amylase enzyme of <i>Bacillus</i> sp. MB6 isolated from vegetable waste	Jai Shankar Paul, B.M. Lall, S.K. Jadhav, K.L. Tiwari	Process Biochemistry,52:123-129.	2017	13595113	SCI	<a href="https://doi.org/10.1016/j.procbio.2016.10.005">https://doi.org/10.1016/j.procbio.2016.10.005</a>
37	Lead Tolerance and its Accumulation by a Tree Legume: <i>Dalbergia sissoo</i> DC.	Inderpal Kaur, Shailesh K Jadhav, KL Tiwari,Afaque Quraishi	Bulletin of environmental contamination and toxicology,101:506–513.	2018	74861	9, SCI, IF: 2.53	<a href="https://doi.org/10.1007/s00128-018-2419-0">https://doi.org/10.1007/s00128-018-2419-0</a>
38	<i>Enterobacter ludwigii</i> strain IF2SW-B4 isolated for bio-hydrogen production from rice bran and de-oiled rice bran.	Mona Tandon, Veena Thakur, Kishan Lal Tiwari, Shailesh Kumar Jadhav	Environmental Technology & Innovation,10:345-354.	2018	23521864	8, SCI, IF: 2.00	<a href="https://doi.org/10.1016/j.eti.2018.03.008">https://doi.org/10.1016/j.eti.2018.03.008</a>
39	Diversity of fungal endophytes in <i>Typha latifolia</i> (L.) and their lead biosorption activity	Samiksha Sharma, Kishan Lal Tiwari, Shailesh Kumar Jadhav	Euro-Mediterranean Journal for Environmental Integration,3:4.	2018	23656433	23, SCI, IF: 2.67	<a href="https://doi.org/10.1007/s41207-017-0041-x">https://doi.org/10.1007/s41207-017-0041-x</a>
40	Desiccation-induced ROS accumulation and lipid catabolism in recalcitrant <i>Madhuca latifolia</i> seeds	Jipsi Chandra & S. Keshavkant	Physiology and Molecular Biology of Plants,24:75-87.	2018	9715894	31, SCI, IF: 9.01	<a href="https://doi.org/10.1007/s12298-017-0487-y">https://doi.org/10.1007/s12298-017-0487-y</a>
41	Ageing-regulated changes in genetic integrity of two recalcitrant seeded species having contrasting longevity	S. Keshavkant	Trees: Structure and Function,32:109–123.	2018	9311890	22, SCI, IF: 1.05	<a href="https://doi.org/10.1007/s00468-017-1615-6">https://doi.org/10.1007/s00468-017-1615-6</a>
42	Growth and metabolic responses of <i>Glycine max</i> L. to arsenate and arsenite: a	Vibhuti Chandrakar & S. Keshavkant	Bangladesh Journal of Botany,47:105-113.	2018	2535416	18, SCI, IF: 2.00	
43	Modulation of arsenic-induced oxidative stress and protein metabolism by diphenvleneiodonium, 24-epibrassinolide and	Vibhuti Chandrakar, Amit Dubey & S. Keshavkant	Acta Botanica Croatica,77(1):51-61.	2018	3650588	9, SCI, IF: 2.15	<a href="https://doi.org/10.2478/botcro-2018-0004">https://doi.org/10.2478/botcro-2018-0004</a>
44	Silver nanoparticle modulates gene expressions, glyoxalase system and oxidative stress markers in fluoride stressed <i>Cajanus cajan</i> L.	Bhumika Yadu, Vibhuti Chandrakar, Jyoti Korram, Manmohan L. Satnami, Meetul Kumar & S. Keshavkant	Journal of Hazardous Materials,353:44-52.	2018	3043894	4, SCI, IF: 4.24	<a href="https://doi.org/10.1016/j.jhazmat.2018.03.061">https://doi.org/10.1016/j.jhazmat.2018.03.061</a>
45	Spermidine and melatonin attenuate fluoride toxicity by regulating gene expression of antioxidants in <i>Cajanus cajan</i> L.	Bhumika Yadu, Vibhuti Chandrakar, Rakesh Kumar Meena, Aditi Poddar, & S. Keshavkant	Journal of Plant Growth Regulation,37:1113–1126.	2018	7217595	7, SCI, IF: 0.3	<a href="https://doi.org/10.1007/s00344-018-9786-y">https://doi.org/10.1007/s00344-018-9786-y</a>
46	Nitric oxide and dimethylthiourea upregulates pyrroline-5-carboxylate synthetase expression to improve arsenic	Vibhuti Chandrakar & S. Keshavkant	Environmental Progress and Sustainable Energy,38:402-409.	2018	19447442	4, SCI	<a href="https://doi.org/10.1002/ep.12978">https://doi.org/10.1002/ep.12978</a>

47	Hydrolytic enzymes mediated lipid-DNA catabolism and altered gene expression of antioxidants under combined application of lead and simulated acid rain in Fenugreek ( <i>Trigonella foenum-graecum</i> L.) seedlings	Roseline Xalxo & S. Keshavkant	Ecotoxicology,27(10):1404–1413.	2018	9639292	2	<a href="https://doi.org/10.1007/s10646-018-1996-3">https://doi.org/10.1007/s10646-018-1996-3</a>
48	Enhanced production of diosgenin through elicitation in micro-tubers of <i>Chlorophytum borivillianum</i> Sant et Fernand	Chauhan R, Keshavkant S, Quraishi Afaque	Industrial Crops & Products,113:234-239.	2018	9266690		<a href="https://doi.org/10.1016/j.indcrop.2018.01.029">https://doi.org/10.1016/j.indcrop.2018.01.029</a>
49	Viral Elimination Strategies for <i>Musa</i> spp.	Vikram, Koche Vijaya,Quraishi Afaque	Research & Reviews: A Journal of Microbiology and Virology,8(1):7-14.	2018	23494360		
50	Keratinophilic fungi from warm, moist, cattle-house of Bilaspur Central - India	Pahare S, Kamalesh Shukla, Shukla RV	Journal of Microbiology & Experimentation,6(2):00187	2018	2373437X	1, SCI, IF: 1.65	<a href="https://doi.org/10.15406/jmen.2018.06.00187">https://doi.org/10.15406/jmen.2018.06.00187</a>
51	Determination of Antioxidant and Antidiabetic Activities of Polar Solvent Extracts of <i>Daedaleopsis confragosa</i> (Bolton) J. Schröt.	Chandrawanshi, N. K., Tandia, D. K., and Jadhav, S. K.	Research Journal of Pharmacy and Technology,11(12):5623-5630.	2018	9743618	9, Scopus	<a href="https://doi.org/10.5958/0974-360X.2018.01020.X">https://doi.org/10.5958/0974-360X.2018.01020.X</a>
52	<i>Ipomoea triloba</i> (Convolvulaceae) a new record for Chhattisgarh India	Naik ML, SK Jadhav, Afaque Quraishi, Naveen Gupta, KK Ghosh and Jai Shankar Paul	Bioscience Discovery,9(2):274-277.	2018	22293469	2, Scopus	
53	Isolation and Identification of Novel <i>Bacillus tequilensis</i> TB5 from Vegetable Waste and Analyze the Effect of Rudiment Compounds on Bio-Catalytic $\alpha$ -Amylase Production.	Jai Shankar Paul, B.M. Lall, S.K. Jadhav and K.L. Tiwari	Research & Reviews: A Journal of Microbiology and Virology,9(2): 39-50.	2019	23494360	SCI, IF: 1.88	
54	Treatment of oil refinery wastewater simultaneously with bioelectricity production in mediator-less microbial fuel using native gram positive <i>Bacillus</i> sp.	Reena Meshram and Shailesh Kumar Jadhav	Research. Journal of Pharmacy and Technology,12(4):1–9.	2019	9743618	2, SCI, IF: 1.90	<a href="https://doi.org/10.5958/0974-360X.2019.00327.5">https://doi.org/10.5958/0974-360X.2019.00327.5</a>
55	Bioethanol Production from <i>Madhuca latifolia</i> L. Flowers by a newly isolated strain of <i>Pichia kudriavzevii</i>	Tripti Agrawal, Afaque Quraishi and Shailesh Kumar Jadhav	Energy and Environment,30(8):1-14.	2019	0958305X	5, SCI, IF: 0.59	<a href="https://doi.org/10.1177/0958305X19852475">https://doi.org/10.1177/0958305X19852475</a>
56	Bioethanol Production from an Agrowaste, Deoiled Raice Bran by <i>Sacchromyces cerevisiae</i> MTCC 4780 via optimization of Fermentation Parameters.	Tripti Agrawal, Shailesh Kumar Jadhav and Afaque Quraishi	Environment Asia,12 (1):20-24.	2019	19061714	5, SCI, IF: 2.54	<a href="https://doi.org/10.14456/ea.2019.3">https://doi.org/10.14456/ea.2019.3</a>
57	Melatonin, glutathione and thiourea attenuates lead and acid rain-induced deleterious responses by regulating gene expression of antioxidants in <i>Trigonella</i>	Roseline Xalxo & S. Keshavkant	Chemosphere,221:1-10.	2019	456535	17, SCI, IF: 5.77	<a href="https://doi.org/10.1016/j.chemosphere.2019.01.029">https://doi.org/10.1016/j.chemosphere.2019.01.029</a>

58	Dimethylthiourea antagonizes oxidative responses by up-regulating expressions of pyrroline5-carboxylate synthetase and antioxidant genes under arsenic stress	Bhumika Yadu, Vibhuti Chandrakar, Richa Tamboli & S. Keshavkant	International Journal of Environmental Science & Technology,16(12):8401-8410.	2019	17351472	3, SCI, IF: 1.092	<a href="https://doi.org/10.1007/s13762-019-02234-5">https://doi.org/10.1007/s13762-019-02234-5</a>
59	The potential of ROS inhibitors and hydrated storage in improving the storability of recalcitrant <i>Madhuca latifolia</i> seeds	Jipsi Chandra, Sershen, Bobby Varghese & S. Keshavkant	Seed Science & Technology,47:33-45	2019	02510952	1, Scopus	<a href="https://doi.org/10.15258/sst.2019.47.1.04">https://doi.org/10.15258/sst.2019.47.1.04</a>
60	Characterization of arsenic resistant plant-growth promoting indigenous soil bacteria isolated from Centre-East regions of India	Neha Pandey & S. Keshavkant	Journal of Basic Microbiology,59:807-819.	2019	0233111X	0, SCI	<a href="https://doi.org/10.1002/jobm.201800658">https://doi.org/10.1002/jobm.201800658</a>
61	Screening of plant growth promoting attributes and arsenic remediation efficacy of bacteria isolated from agricultural soils of Chhattisgarh.	Neha Pandey, Kiragandur Manjunath & S. Keshavkant	Archives of Microbiology,202:567-578.	2019	3028933		<a href="https://doi.org/10.1007/s00203-019-01773-2">https://doi.org/10.1007/s00203-019-01773-2</a>
62	In vitro antiviral chemical treatment to BBTV-infected Banana cultures for production of virus free plants	Vikram Singh,Vijaya Koche, Afaqur Quraishi	Research & Reviews: A Journal of Life sciences,9(3):11-16.	2019	2249-8656		
63	Exploring the efficiency of native tree species grown at mine tailings for phytoextraction of Iron and Lead	Kaur I, Khandwekar S, Chauhan R, Singh V, Jadhav SK, Tiwari KL, Quraishi Afaqur	Proceedings of the National Academy of Sciences India Section B-Biological Sciences,89(3):951-956.	2019	3698211	0, Scopus	<a href="https://doi.org/10.1007/s40011-018-1010-0">https://doi.org/10.1007/s40011-018-1010-0</a>
64	Alkamides: multifunctional bioactive agents in <i>Spilanthes</i> spp.	Joshi V, Sharma GD, Jadhav SKJadhav SK	Journal of Scientific Research,64: 198-206.	2020	20700237	1, SCI, IF: 1.24	<a href="http://dx.doi.org/10.37398/JSR.2020.640129">http://dx.doi.org/10.37398/JSR.2020.640129</a>
65	Ferret out a natural bio-pesticide: Ophicordycepsnutans in Central India and its interaction analysis with tree stink bug.	Jai Shankar Paul, SK Jadhav, Afaqur Quraishi&ML Naik	Proceedings of the Zoological Society	2020	0373-5893	1, SCI, IF: 2.67	<a href="https://doi.org/10.1007/s12595-020-00328-4">https://doi.org/10.1007/s12595-020-00328-4</a>
66	Airborne <i>Aspergillus</i> at some rural areas adjoining to Raipur city (C.G.) India.	RituKunjam, V.K. Kanungo, S.K. Jadhav	Flora and Fauna,26(2): 206-208.	2020	24569364	0, SCI, IF: 0.728	
67	Diversity of soil and leaf surface mycoflora: a source of aeromycoflora	Shriram Kunjam, Shailesh Kumar Jadhav	Indian Journal of Aerobiology,33(1 & 2):41-45.	2020	0971-1546	SCI, IF: 3.05	
68	Seasonal distribution of airborne fungi at the periphery of Raipur City, Chhattisgarh, India	Ritu Kunjam, V.K. Kanungo, S.K. Jadhav	Indian Journal of Aerobiology, 33(1 & 2):41-45.	2020	0971-1546	4, SCI, IF: 4.30	
69	Production of biocatalyst $\alpha$ -amylase from agro-waste 'Rice Bran' by using <i>Bacillus tequilensis</i> TB5 and standardizing its production process.	Jai Shankar Paul, Esmil Beliya, Shubhra Tiwari, Karishma Patel, Nisha Gupta & SK Jadhav	Biocatalysis and Agricultural Biotechnology, 26: 101648.	2020	1878-8181	6, SCI, IF: 2.76	<a href="https://doi.org/10.1016/j.bcab.2020.101648">https://doi.org/10.1016/j.bcab.2020.101648</a>
70	Influence of protein damage and proteasome gene expression in longevity of recalcitrant <i>Madhuca latifolia</i> Roxb. seeds	Jipsi Chandra, MahimaDubey& S Keshavkant	Botany,98.3:173-183	2020	19162790	2, SCI, IF: 2.20	

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72	Aluminium rhizotoxicity in <i>Cicer arietinum</i> .	Jipsi Chandra, SuruchiParkhey, Dalia Varghese, Sershen, Bobby Varghese &S. Keshavkant	Russian Journal of Plant Physiology,67:45-954.	2020	10214437	0, Scopus	<a href="https://doi.org/10.1134/S1021443720050027">https://doi.org/10.1134/S1021443720050027</a>
73	Growth and antioxidant responses of <i>Trigonellafoenum-graecum</i> L. seedlings to lead and simulated acid rain exposure.	RoselineXalxo&S Keshavkant	Biologia,75:1115-1126.	2020	63088(Poland)	0, UGC CARE	<a href="https://doi.org/10.2478/s11756-020-00478-y">https://doi.org/10.2478/s11756-020-00478-y</a>
74	Biological approaches of fluoride remediation: potential for environmental clean-up.	PriyaKatiyar, Neha Pandey&S Keshavkant	Environmental Science & Pollution Research,27(12):13044-13055.	2020	9441344	0, UGC CARE	<a href="https://doi.org/10.1007/s11356-020-08224-2">https://doi.org/10.1007/s11356-020-08224-2</a>
75	Amelioration of ageing associated alterations and oxidative inequity in seeds of <i>Cicer arietinum</i> by silver nanoparticles.	Jeabunnisha Khan, Jipsi Chandra, RoselineXalxo, JyotiKorram, Manmohan L. Satnami&S. Keshavkant	Journal of Plant Growth Regulation	2020	7217595	0, UGC CARE	<a href="https://doi.org/10.1007/s00344-020-10193-2">https://doi.org/10.1007/s00344-020-10193-2</a>
76	Titanium nanoparticles attenuates arsenic toxicity by up-regulating expressions of defensive genes in <i>Vigna radiata</i> L.	PriyaKatiyar, BhumikaYadu, JyotiKorram, ML Satnami, Meetul Kumar &S Keshavkant	Journal of Environmental Science, 92:18-27.	2020	10010742	1, Scopus	<a href="https://doi.org/10.1016/j.jes.2020.02.013">https://doi.org/10.1016/j.jes.2020.02.013</a>
77	Silica nanoparticle minimizes aluminium imposed injuries by impeding cytotoxic agents and over expressing protective genes in <i>Cicer arietinum</i>	Jipsi Chandra, Ritambhara Chauhan, Jyoti Korram, Manmohan L. Satnami & S. Keshavkant	Scientia Horticulturae,260:108885.	2020	3044238	1, SCI, IF: 1.178	<a href="https://doi.org/10.1016/j.scienta.2019.108885">https://doi.org/10.1016/j.scienta.2019.108885</a>
78	Effect of exogenous additives on oxidative stress and defense system of a tree – <i>Zanthoxylum armatum</i> DC. under in vitro	Ekka G, Jadhav SK, Quraishi Afaque	Plant Cell, Tissue and Organ Culture ,140(3):671-676.	2020	1676857		<a href="https://doi.org/10.1007/s11240-019-01759-4">https://doi.org/10.1007/s11240-019-01759-4</a>
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82	Nanotechnology: an efficient approach for rejuvenation of aged seeds	Rasleen Kaur. Jipsi Chandra, S Keshavkant	Physiology and Molecular Biology of Plants	2021	9715894	0, SCI, IF: 2.277	<a href="https://doi.org/10.1007/s12298-021-00942-2">https://doi.org/10.1007/s12298-021-00942-2</a>
83	Mechanisms underlying the phytotoxicity and genotoxicity of aluminum and their alleviation strategies: A review	Jipsi Chandra and S. Keshavkant	Chemosphere:130384	2021	0045-6535	0, SCI, IF: 5.778	<a href="https://doi.org/10.1016/j.chemosphere.2021.130384">https://doi.org/10.1016/j.chemosphere.2021.130384</a>
84	Vitrification based cryopreservation of in vitro grown apical meristem of <i>chlorophytum borivilianum</i>	Ravishankar Chauhan, V Singh , S Keshavkant & Afaque Quraishi	Proceedings of the National Academy of Sciences, India Section B: Biological Sciences	2021	0369-8211	0, SCI, IF: 0.396	<a href="https://doi.org/10.107/s.040011/021/01260/z">https://doi.org/10.107/s.040011/021/01260/z</a>

**Updated Date 16-06-2021**