

School of Studies in Biotechnology, List of Publications Since 2016

S. no.	Title of papers	Name of the author/s	Name of journal	Year of publication	ISSN number	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	https://www.banglajol.info/index.php/PTCB/article/view/30565
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	http://biology-journal.org/journal/volume31/issue62/ijapb31-2-3.html
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	9752412	http://nopr.niscair.res.in/bitstream/123456789/38780/1/BVAAP%2024%282%29%20128-134.pdf
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	http://nopr.niscair.res.in/handle/123456789/41034
5.	Effect of chemical pretreatment on de-oiled rice bran for fermentative biohydrogen production	Shabina Khan, Veena Thakur, Jadhav S.K., Afaq Quraishi	CSVTU International Journal of Biotechnology, Bioinformatics and Biomedical,1(1):20-24.	2016	24555762	http://www.csvtjournal.in/index.php/ijbbb/issue/view/1
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	https://www.indianjournals.com/ijor.aspx?target=ijor;jbf&volume=7&issue=1&article=002
7.	Correlation between Iron Pollution and Physiocochemical 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	https://scialert.net/abstract/?doi=rjet.2016.172.182

8.	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	http://www.asianjournalofchemistry.co.in/User/ViewFreeArticle.aspx?ArticleID=28_7_23
9.	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	https://worldresearchersassociations.com/Archives/RJBT/Vol(11)2016/January2016.aspx
10.	In vitro slow growth storage of <i>Chlorophytum borivillianum</i> Sant et Fernand: a critically endangered herb	Ravishankar Chauhan, S Keshavkant, SK Jadhav & Afaq Quraishi	<i>In Vitro Cellular & Developmental Biology- Plant</i> , 52:315-321	2016	10545476	https://link.springer.com/article/10.1007/s11627-016-9756-7
11.	A comprehensive review on pharmacological properties and biotechnological aspects of Genus <i>Chlorophytum</i>	Ravishankar Chauhan, Afaq Quraishi, S. K. Jadhav and S. Keshavkant	<i>Acta Physiologiae Plantarum</i> ,38(5):116.	2016	1375881	https://link.springer.com/content/pdf/10.1007/s11738-016-2132-8.pdf
12.	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	https://link.springer.com/article/10.1515/biolog-2016-0052
13.	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	http://www.bdbotsociety.org/.../11.pdf
14.	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	https://www.fluorideresearch.org/493Pt2/files/FJ2016_v49_n3Pt2_p293-302_sfs.pdf
15.	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 & Plant Nutrition</i> ,16:662-676	2016	7189516	https://www.scielo.cl/scielo.php?script=sci_arttext&pid=S0718-95162016000300008

16.	Assessment on threatened classification of <i>Gloriosa superba</i> L.	Chandrawanshi, N. K., S. K. Jadhav, K. L. Tiwari and Quraishi Afaq	Deccan Current Science,15(1):140-150.	2016	9753044	https://www.academia.edu/30609990/An_Assessment_on_threatened_classification_of_Gloriosa_superba_L
17.	Removal of Fe(II) Using <i>Aspergillus flavus</i> from Aqueous Solution	Tikendra Kumar Verma, K.L. Tiwari and S.K. Jadhav	Indian Journal of Scientific and Research,13(2): 63-67.	2017	9762876	https://www.ijsr.in/upload/2001291619chapter12.pdf
18.	Bioconversion Study of Deoiled Rice Bran for Bioethanol Production	Esmil Beliya, Kishan Lal Tiwari and Shailesh Kumar Jadhav	Indian Journal of Scientific and Research,13(2):21-24.	2017	9762876	https://www.ijsr.in/upload/694919530chapter5.pdf
19.	Conversion of waste to electricity in a microbial fuel cell using newly identified bacteria: <i>Pseudomonas fluorescens</i>	A. Kaushik and S.K. Jadhav	International Journal of Environmental Science and Technology,14(8): 1771-1780.	2017	17351472	https://link.springer.com/article/10.1007/s13762-017-1260-z
20.	Atmospheric studies of fungal bioaerosols in the market area of Nawapara (Rajim), District- Raipur (Chhattisgarh)	Raju Mahobia, Shailesh Kumar Jadhav and Rekha Pimpalgaonkar	Indian Journal of Scientific and Research,13(1): 257-262.	2017	9762876	http://ijsr.in/upload/417052048.pdf
21.	Optimization of key factors for enhanced fermentative biohydrogen production from water hyacinth by RSM	Veena Thakur, Mona Tandon and S.K. Jadhav	Current Science,113(4): 790-795.	2017	113891	https://www.semanticscholar.org/paper/Optimization-of-Key-Factors-for-Enhanced-Production-Thakur-Tandon/3f71f1126e25580e5ad4d7aff085aa9d4f28afe3
22.	Airborne <i>Penicillium</i> in the atmosphere of Panbanaras, Rajnandgaon district	Shriram Kunjam and S.K. Jadhav	Indian Journal of Scientific and Research,13(1): 29-33.	2017	9762876	http://www.ijsr.in/upload/4891121806.pdf

23.	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	https://www.scielo.br/j/babt/a/Tsd4hdKZ6LrdVfkn pV3TGGs/?lang=en
24.	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	https://ejournal.undip.ac.id/index.php/ijred/article/view/12776/PDF
25.	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	https://www.sciencedirect.com/science/article/abs/pii/S1386142517302081
26.	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	https://worldresearchersassociations.com/Archives/RJCE/Vol(21)2017/April 2017.aspx
27.	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	https://link.springer.com/article/10.1007/s12298-016-0394-7
28.	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	https://www.sciencedirect.com/science/article/abs/pii/S0981942816304909

29.	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	https://www.sciencedirect.com/science/article/pii/S0254629916338492
30.	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	https://link.springer.com/article/10.1515/biolog-2017-0033
31.	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	https://www2.sci.u-szeged.hu/ABS/2017/Acta%20HPb/61163.pdf
32.	Acid rain-induced oxidative stress regulated metabolic interventions and their amelioration mechanisms in plants	Roseline Xalxo & S. Keshavkant	Biologia,72:1387-1393.	2017	63088	https://link.springer.com/article/10.1515/biolog-2017-0171
33.	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	https://pdfs.semanticscholar.org/91a9/abf3e48c6c6345dfa34aa66c0f1c69c405ba.pdf?_ga=2.34226021.59398174.1630899089-839951077.1554455126
34.	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	http://www.ijsr.in/upload/647593983chapter11.pdf
35.	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	https://www.sciencedirect.com/science/article/pii/S1359511316305244
36.	Lead Tolerance and its Accumulation by a Tree Legume: <i>Dalbergia sissoo</i> DC.	Inderpal Kaur, Shailesh K Jadhav, KL Tiwari, Afaq Quraishi	Bulletin of environmental contamination and toxicology,101:506–513.	2018	74861	https://pubmed.ncbi.nlm.nih.gov/30128727/

37.	<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	https://www.sciencedirect.com/science/article/abs/pii/S2352186417302870
38.	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	https://link.springer.com/article/10.1007/s41207-017-0041-x
39.	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	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5787118/
40.	Ageing-regulated changes in genetic integrity of two recalcitrant seeded species having contrasting longevity	Jipsi Chandra, Suruchi Parkhey & S. Keshavkant	Trees: Structure and Function,32:109–123.	2018	9311890	https://link.springer.com/article/10.1007/s00468-017-1615-6
41.	Growth and metabolic responses of <i>Glycine max</i> L. to arsenate and arsenite: a comparative assessment	Vibhuti Chandrakar & S. Keshavkant	Bangladesh Journal of Botany,47:105-113.	2018	2535416	https://www.bdbotsociety.org/public/article/2018%20March/14.pdf
42.	Modulation of arsenic-induced oxidative stress and protein metabolism by diphenyleneiodonium, 24-epibrassinolide and proline in <i>Glycine max</i> L.	Vibhuti Chandrakar, Amit Dubey & S. Keshavkant	Acta Botanica Croatica,77(1):51-61.	2018	3650588	http://www.abc.botanic.hr/index.php/abc/article/view/1927
43.	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	https://www.sciencedirect.com/science/article/abs/pii/S030438941830222X?via%3Dihub

44.	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	https://link.springer.com/content/pdf/10.1007/s00344-018-9786-y.pdf
45.	Nitric oxide and dimethylthiourea upregulates pyrroline-5-carboxylate synthetase expression to improve arsenic tolerance in <i>Glycine max</i> L.	Vibhuti Chandrakar & S. Keshavkant	Environmental Progress and Sustainable Energy,38:402-409.	2018	19447442	https://aiche.onlinelibrary.wiley.com/doi/10.1002/e.p.12978
46.	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	https://link.springer.com/content/pdf/10.1007/s10646-018-1996-3.pdf
47.	Enhanced production of diosgenin through elicitation in micro-tubers of <i>Chlorophytum borivilianum</i> Sant et Fernand	Chauhan R, Keshavkant S, Quraishi Afaq	Industrial Crops & Products,113:234-239.	2018	9266690	https://www.sciencedirect.com/science/article/abs/pii/S0926669018300293
48.	Viral Elimination Strategies for <i>Musa</i> spp.	Vikram, Koche Vijaya, Quraishi Afaq	Research & Reviews: A Journal of Microbiology and Virology,8(1):7-14.	2018	23494360	http://medicaljournals.stmjournals.in/index.php/RRJoMV/article/viewFile/104/123
49.	Keratinophilic fungi from warm, moist, cattle - house of Bilaspur Central - India	Pahare S, Kamallesh Shukla, Shukla RV	Journal of Microbiology & Experimentation,6(2):00187.	2018	2373437X	https://medcraveonline.com/JMEN/keratinophilic-fungi-from-warm-moist-cattle---house-of-bilaspur-central---india.html
50.	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	https://rjptonline.org/AbstractView.aspx?PID=2018-11-12-69

51.	<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	https://www.researchgate.net/publication/324983605_Ipomoea_triloba_Convolvulaceae_a_new_record_for_Chhattisgarh_India#fullTextFileContent
52.	Isolation and Identification of Novel <i>Bacillus tequilensis</i> TB5 from Vegetable Waste and Analyze the Effect of Rudiment Compounds on Bio-Catalytic α -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	https://medicaljournals.stmjournals.in/index.php/RJoMV/article/view/654
53.	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	https://www.indianjournals.com/ijor.aspx?target=ijor:rjpt&volume=12&issue=5&article=028
54.	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	https://journals.sagepub.com/doi/abs/10.1177/0958305X19852475
55.	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	https://www.thaiscience.info/Journals/Article/ENV/A/10992035.pdf
56.	Melatonin, glutathione and thiourea attenuates lead and acid rain-induced deleterious responses by regulating gene expression of antioxidants in <i>Trigonella foenum graecum</i> L.	Roseline Xalxo & S. Keshavkant	Chemosphere,221:1-10.	2019	456535	https://www.sciencedirect.com/science/article/abs/pii/S0045653519300293
57.	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	https://link.springer.com/article/10.1007/s13762-019-02234-5

58.	The potential of ROS inhibitors and hydrated storage in improving the storability of recalcitrant <i>Madhuca latifolia</i> seeds	Jipsi Chandra, Serphen, Bobby Varghese & S. Keshavkant	Seed Science & Technology,47:33-45	2019	02510952	https://www.ingentaconnect.com/contentone/ista/st/2019/00000047/00000001/art00004
59.	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	https://onlinelibrary.wiley.com/doi/10.1002/jobm.201800658
60.	In vitro antiviral chemical treatment to BBTV-infected Banana cultures for production of virus free plants	Vikram Singh, Vijaya Koche, Afaq Quraishi	Research & Reviews: A Journal of Life sciences,9(3):11-16.	2019	22498656	http://sciencejournals.stmjournals.in/index.php/RRJoLS/article/view/1579
61.	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 Afaq	Proceedings of the National Academy of Sciences India Section B-Biological Sciences,89(3):951-956.	2019	3698211	https://link.springer.com/article/10.1007/s40011-018-1010-0
62.	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.	2020	3028933	https://link.springer.com/article/10.1007/s00203-019-01773-2
63.	Alkamides: multifunctional bioactive agents in <i>Spilanthes</i> spp.	Joshi V, Sharma GD, Jadhav SK, Jadhav SK	Journal of Scientific Research,64: 198-206.	2020	20700237	https://www.bhu.ac.in/research_pub/jsr/Volumes/JSR_64_01_2020/29.pdf
64.	Ferret out a natural bio-pesticide: Ophicordycepsnutans in Central India and its interaction analysis with tree stink bug.	Jai Shankar Paul, SK Jadhav, Afaq Quraishi & ML Naik	Proceedings of the Zoological Society	2020	3735893	https://link.springer.com/article/10.1007/s12595-020-00328-4
65.	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	http://www.floraandfona.org.in/Uploaded%20Pdf/262/206-208.pdf

66.	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	9711546	https://www.academia.edu/45440332/DIVERSITY_OF_SOIL_AND_LEAF_SURFACE_MYCOFLORA_A_SOURCE_OF_AEROMYCOFLORA
67.	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	9711546	https://indianaerobiologicalsociety.org/pdf/current_20.pdf
68.	Production of biocatalyst α -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	18788181	https://www.sciencedirect.com/science/article/abs/pii/S1878818120302036
69.	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	https://cdnsiencepub.com/doi/10.1139/cjb-2019-0130
70.	Carbon dot induces tolerance to arsenic by regulating arsenic uptake, reactive oxygen species detoxification and defense-related gene expression in <i>Cicer arietinum</i> L	Vibhuti Chandrakar , Bhumika Yadu , Jyoti Korram, Manmohan L. Satnami , Amit Dubey , Meetul Kumar , S. Keshavkant	Plant Physiology and Biochemistry,156:78-86.	2020	9819428	https://www.sciencedirect.com/science/article/abs/pii/S0981942820304514?via%3Dihub
71.	Aluminium rhizotoxicity in <i>Cicer arietinum</i> .	Jipsi Chandra, SuruchiParkhey, Dalia Varghese, Serphen, Boby Varghese &S. Keshavkant	Russian Journal of Plant Physiology,67:45-954.	2020	10214437	https://link.springer.com/article/10.1134/S1021443720050027

72.	Growth and antioxidant responses of <i>Trigonella foenum-graecum</i> L. seedlings to lead and simulated acid rain exposure.	Roseline Xalxo & S Keshavkant	Biologia, 75:1115-1126.	2020	63088(Poland)	https://link.springer.com/article/10.2478/s11756-020-00478-y
73.	Biological approaches of fluoride remediation: potential for environmental clean-up.	Priya Katiyar, Neha Pandey & S Keshavkant	Environmental Science & Pollution Research, 27(12):13044-13055.	2020	9441344	https://link.springer.com/article/10.1007/s11356-020-08224-2
74.	Amelioration of ageing associated alterations and oxidative inequity in seeds of <i>Cicer arietinum</i> by silver nanoparticles.	Jeabunnisha Khan, Jipsi Chandra, Roseline Xalxo, Jyoti Korram, Manmohan L. Satnami & S. Keshavkant	Journal of Plant Growth Regulation	2020	7217595	https://link.springer.com/article/10.1007%2Fs00344-020-10193-2
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104.	Screening of a new candidate tree legume- <i>Pithecellobium dulce</i> (Roxb.) Benth., for lead remediation	SK Kumbhakar, R Chauhan, V Singh, SK Jadhav, Afaq Quraishi	Brazilian Journal of Botany https://doi.org/10.1007/s40415-022-00830-3	2022	18069959	https://mjl.clarivate.com/search-results
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