

JIIT Publications Summary (Year 2005 - 2020)

S. No.	Paper Type	Total
1	International Journals	2468
2	National Journals	109
3	International Conferences	1592
4	National Conferences	319
5	Book Publications	36
6	Chapter Publications	265
7	Case Studies/Study Material/Articles/Reviews	52
	Total	4841

Indexing wise Publication Summary

S. No.	Paper Type	Total
1	Indexed in SCOPUS	2802
2	Indexed in Web of Science but not in SCOPUS	31
3	Indexed in DBLP but not in SCOPUS and Web of Science	61
4	Not indexed in SCOPUS/Web of Science/ DBLP but having Impact factors	87
5	Others (Peer reviewed)	1048
6	Others (Non-Peer reviewed)	458
7	SCI/SCIE	1088

List of Publications Year 2020

Journals

S. No.	Full Reference
1	S. Gupta and V. Gupta. "Homology modeling, structural insights and <i>in-silico</i> screening for selective inhibitors of Mycobacterial CysE" <i>Journal of Biomolecular Structure and Dynamics</i> . Feb. 2020 Available at https://doi.org/10.1080/07391102.2020.1734089
2	M. Antil, S. G. Gouin and V. Gupta. Truncation of C-terminal intrinsically disordered region of mycobacterial Rv1915 facilitates production of "difficult-to purify" recombinant drug target" <i>Frontiers in Bioengineering and Biotechnology</i> . May 2020. Available at https://doi.org/10.3389/fbioe.2020.00522
3	A. Kaur, Kuldeep Nigam, Sukriti Srivastava, Amit Tyagi, Shweta Dang, Memantine Nanoemulsion: A new approach to treat Alzheimer's Disease, <i>Journal of Microencapsulation</i> , Pages 355-365, April 2020 https://doi.org/10.1080/02652048.2020.1756971

4	A.Kaur, Kuldeep Nigam, Sukriti Srivastava, Amit Tyagi, Shweta Dang, Treatment of Alzheimer's diseases using Donepezil Nanoemulsion: An intranasal approach, Drug Delivery and Translational Research. April 2020 https://doi.org/10.1007/s13346-020-00754-z
5	Kuldeep Nigam and Shweta Dang "Giemsa Staining of some nano-formulations on neuroblastoma cell line" Nanoscience & Nanotechnology-Asia, vol. 10(3), 2020, DOI : 10.2174/2210681210999200508084714
6	S.Sharma, S Dang, Neuropsychological Disorders and their Nano-carries, Current Pharmaceutical Design, 2020, 26, 1-10 DOI : 10.2174/1381612826666200224111241
7	A. Kaur, R. Gabrani and S. Dang, "Antimicrobial activity of nanoemulsion encapsulated with polyphenon 60 and ciprofloxacin for the treatment of urinary tract infection", Advances in Traditional Medicine, 2020, DOI : https://doi.org/10.1007/s13596-020-00483-1
8	G. Sharma, S. Dang, Aruna K, M. Kalia, R. Gabrani, "Synergistic antibacterial and anti-biofilm activity of nisin like bacteriocin with curcumin and cinnamaldehyde against ESBL and MBL producing clinical strains" Biofouling 2020 DOI:10.1080/08927014.2020.1804553
9	G. Agarwal, R. Gabrani, Antiviral Peptides: Identification and Validation. International Journal of Peptide research and therapeutics May 18;1-20. 2020. DOI: 10.1007/s10989-020-10072-0
10	R. Ghildiyal, R. Gabrani, "Antiviral therapeutics for chikungunya virus" Expert Opin Ther Pat. Vol. 30, pp. 467-480, 2020 DOI: 10.1080/13543776.2020.1751817
11	G. Sharma, H. Gupta, S. Dang, S. Gupta, R. Gabrani, "Characterization of antimicrobial substance with antibiofilm activity from <i>Pediococcus acidilactici</i> " Journal of Microbiology, Biotechnology and Food Sciences, vol. 9 (5), pp. 979-982, April-May 2020
12	A. Khare, S. Gaur , "Cholesterol lowering effects of <i>Lactobacillus</i> species", <i>Current Microbiology</i> , vol.77, pp. 638-644, 2020, https://doi.org/10.1007/s00284-020-01903-w .
13	M. Maheshwari, A. Gupta and S. Gaur, " <i>Probiotic potential of traditional Indian fermented drinks</i> ", Current Nutrition & Food Science vol 16, no 5, pp. 638-643, 2020, 16:1 https://doi.org/10.2174/1573401315666190821113406
14	S. Nagar, C. Talwar, S. Haider, A. Puri, Kalaiarasan Ponnusamy, M. Gupta, U. Sood, Abhay Bajaj, Rup Lal, Roshan Kumar, "Phylogenetic relationships and potential functional attributes of the genus <i>Parapedobacter</i> : A member of family Sphingobacteriaceae", Front. Microbiol., 04 September 2020 https://doi.org/10.3389/fmicb.2020.01725
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16	P.Patel, , K., Passi , CK.Jain, Efficacy of Non-negative Factorization for Feature Selection in Cancer Data, International Journal of Data Mining & Knowledge Management Process (IJDKP),2020, Vol. 10, No. 4, DOI 10.5121/ijdkp.2020.10401
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19	M. Jain, P. Yadav, Priyadarshini. "Proteomics study in Urolithiasis". Current Proteomics, 2020, 17 DOI: 10.2174/1570164616666190722161823 [Scopus Indexed Impact factor: 0.768]
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21	S. Mani, S. N. Rao, M V Kranthi Kumar. G6036A substitution in mitochondrial COX I gene compromises cytochrome c oxidase activity in thiamine responsive Leigh syndrome patients. J Neurol Sci.415 (2020) 116870.
22	S. Mani*, G R Chandak, Keshav K Singh, Rajender Singh, S Narasimha Rao. Novel p.P298L SURF1 mutation in thiamine deficient Leigh syndrome patients compromises cytochrome c oxidase activity. Mitochondrion 2020
23	M. Singh, Surinder P. Singh, D. Yadav, Mugdha Agarwal, Shriya Agarwal, Vinayak Agarwal, Geeta Swargiary, Sahil Srivastava, Sakshi Tyagi, Ramneek Kaur, Shalini Mani*. Targeted delivery for neurodegenerative disorders using gene therapy vectors: Gen next therapeutic goals, Current Gene Therapy. August 2020. DOI: 10.2174/1566523220999200817164907
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25	M. Singh, S. P. Singh, P.K. Dubey, Rachana, S. Mani, D. Yadav, M. Agarwal, S. Agarwal, V. Agarwal, H. Kaur, “Advent of Proteomic Tools For Diagnostic Biomarker Analysis in Alzheimer’s Disease”,Special issue on: “Neuroproteomics on the rise”, Current Protein & Peptide Science, vol. 20:21, pp.- 1-13, 2020. DOI: 10.2174/1389203721666200615173213.

26	H. Kaur, S. Agarwal, P. Pancham, C. Kalra, C. Soin, M. Singh, Synthesis and characterization of Citrus limonum essential oil based nanoemulsion and its enhanced antioxidant activity with stability for transdermal application, Journal of Biomaterials and Nanobiotechnology, Vol.11 No.4, 20, 2020
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29	Shekhar Nagar, Chandni Talwar, Shazia Haider , Akshita Puri, Kalaiarasan Ponnusamy, Madhuri Gupta, Utkarsh Sood, Abhay Bajaj, Rup Lal, Roshan Kumar, Phylogenetic relationships and potential functional attributes of the genus Parapedobacter: A member of family Sphingobacteriaceae, Frontiers in Microbiology., 04 September 2020, (Impact factor:4.235) .ISSN: 1664-302X
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38	A. Gupta, Bajrang Bansal, V. K. Mishra, and A. Agrawal, "Miniaturised triband rhombus-shaped metamaterial-inspired antenna with gain enhancement using complementary closed ring resonators", IET Microwaves, Antennas & Propagation, Vol. 14, No. 2, pp. 185-193, 2020. (SCI Indexed)
39	Amit Garg, Vineet Khandelwal, "Segmentation-based MAP despeckling of medical ultrasound images in shearlet domain based on normal inverse Gaussian distribution", Journal of IET Image Processing , Vol. 14, No. 4, pp. 736-746, Feb. 2020. (Indexed in Scopus)
40	A. Joshi, S. Kalia, "A Novel Bandwidth Efficient PTS Scheme for Peak Power Reduction in OFDM Systems" International Journal on Electrical Engineering and Informatics - Volume 12, No. 2, pp. 313-325, June 2020
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45	N. Gupta, A. Kumar, and R. Chaujar," Design Considerations and Capacitance Dependent Parametric Assessment of Gate Metal Engineered SiNW MOSFET for ULSI Switching Applications", Silicon, Springer Nature, Vol. 12, pp. 1501-1510, 2020. https://doi.org/10.1007/s12633-019-00246-x . (IF: 1.499)
46	A. Kumar, N. Gupta, M. Roy, M. M. Tripathi, and R. Chaujar, "Dielectric Modulated Transparent Gate Thin Film Transistor for Biosensing Applications", Materials Today: Proceeding, Elsevier. Vol. 28, 2020, Pages 141-145.
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52	B. Chaturvedi, J. Mohan, A. Kumar and K. Pal, "Current-Mode First Order Universal Filter and It's Voltage-Mode Transformation", Journal of Circuits, Systems, and Computers, vol. 29 (9), 2050149, 2020.
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54	Dipti, S.V. Singh, R. Joshi, P. K. Mishra and M. Goswami, "A reusable stage based reduced comparator count binary search ADC", Analog Integrated Circuits and Signal Processing, 2020, ISSN 0925-1030, doi.org/10.1007/s10470-020-01686-x
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65	M Singh, N Kumar, S Dwari, H. Parthasarathy and P. Kala, A compact dual-band zeroth-order resonator antenna loaded with meander line inductor, Int. J. RF and Microwave Computer Aided Engineering, vol.30, issue no. 7, pp. 1-11.
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