

3.4.8 Bibliometrics of the publications during the last five years based on Scopus – h-index of the University

| S.NO | TITLE OF THE PAPER | NAME OF AUTHORS | TITLE OF THE JOURNAL | YEAR OF PUBLICATION | CITATIONS [Scopus h-Index 51] | INSTITUTION AFFILIATION AS MENTIONED IN THE PUBLICATION |
|------|--|---|--|---------------------|-------------------------------|---|
| 1 | Global, regional, and national life expectancy, all-cause mortality, and cause-specific mortality for 249 causes of death, 1980–2015: a systematic analysis for the Global Burden of Disease Study 2015 | GBD 2015 Mortality and Causes of Death Collaborators, Wang H., Naghavi M., Allen C., Barber R.M., Carter A., Casey D.C., Charlson F.J., Chen A.Z., Coates M.M., Coggeshall M., Dandona L., Dasneufeuille C., De Leo D., Frerking H.E., Fitzmaurice C., Forouzanfar M.H., Geirsson T., Goldacre L.T., Gosselin R., Hayashi K., Hays R.D., Iqbal Z., Jimenez D., Liu P., Liu Y., Luo S., Mafra-Neto J., Makino M., Mankin H.J., Margolis J.R., Martin R.V., Michaud P., Miller T., Mockers T.J.C., Murray T.S., Naidoo R., Prüss-Ustün C., Roth G.A., Srinivasan R., Sun J., Tada N., Thakur G.U., Thomas D., Thurston T.D., Truelsen T., Undurraga J., Vasanthakumari S., Venkatesh R., Wang S.S., Wang Y., Wang Z., Werdehara E., Wolmer R.A., Wu C., Xiao Y., Xing A., Younis M.Z., Zaman A., Zarghamer M., Zetterstrom R.H., Zou J. | The Lancet | 2016 | 413 | JSS UNIVERSITY |
| 2 | Global, regional, and national incidence, prevalence, and years lived with disability for 310 diseases and injuries, 1990–2015: a systematic analysis for the Global Burden of Disease Study 2015 | Prevalence Collaborators, Vos T., Allen C., Arora M., Barber R.M., Brown A., Carter A., Casey D.C., Charlson F.J., Chen A.Z., Coggeshall M., Cornaby L., Dandona L., Dicker D.J., Frerking H.E., Fitzmaurice C., Forouzanfar M.H., Geirsson T., Goldacre L.T., Gosselin R., Hayashi K., Hays R.D., Iqbal Z., Jimenez D., Liu P., Liu Y., Luo S., Mafra-Neto J., Makino M., Mankin H.J., Margolis J.R., Martin R.V., Michaud P., Miller T., Mockers T.J.C., Murray T.S., Naidoo R., Prüss-Ustün C., Roth G.A., Srinivasan R., Sun J., Tada N., Thakur G.U., Thomas D., Thurston T.D., Truelsen T., Undurraga J., Vasanthakumari S., Venkatesh R., Wang S.S., Wang Y., Wang Z., Werdehara E., Wolmer R.A., Wu C., Xiao Y., Xing A., Younis M.Z., Zaman A., Zarghamer M., Zetterstrom R.H., Zou J. | The Lancet | 2016 | 287 | JSS UNIVERSITY |
| 3 | Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990–2015: a systematic analysis for the Global Burden of Disease Study 2015 | Biryukov S., Brauer M., Cercy K., Charlson F.J., Cohen A.J., Dandona L., Estep K., Ferrari A.J., Frostad J.J., Fullman N., Godwin W.W., Griswold M., Hayashi K., Hays R.D., Iqbal Z., Jimenez D., Liu P., Liu Y., Luo S., Mafra-Neto J., Makino M., Mankin H.J., Margolis J.R., Martin R.V., Michaud P., Miller T., Mockers T.J.C., Murray T.S., Naidoo R., Prüss-Ustün C., Roth G.A., Srinivasan R., Sun J., Tada N., Thakur G.U., Thomas D., Thurston T.D., Truelsen T., Undurraga J., Vasanthakumari S., Venkatesh R., Wang S.S., Wang Y., Wang Z., Werdehara E., Wolmer R.A., Wu C., Xiao Y., Xing A., Younis M.Z., Zaman A., Zarghamer M., Zetterstrom R.H., Zou J. | The Lancet | 2016 | 244 | JSS UNIVERSITY |
| 4 | Global, regional, and national disability-adjusted life-years (DALYs) for 315 diseases and injuries and healthy life expectancy (HALE), 1990–2015: a systematic analysis for the Global Burden of Disease Study 2015 | Kassebaum N.J., Arora M., Barber R.M., Brown J., Carter A., Casey D.C., Charlson F.J., Coates M.M., Coggeshall M., Cornaby L., Dandona L., Dicker D.J., Frerking H.E., Ferrari A.J., Fitzmaurice C., Forouzanfar M.H., Geirsson T., Goldacre L.T., Gosselin R., Hayashi K., Hays R.D., Iqbal Z., Jimenez D., Liu P., Liu Y., Luo S., Mafra-Neto J., Makino M., Mankin H.J., Margolis J.R., Martin R.V., Michaud P., Miller T., Mockers T.J.C., Murray T.S., Naidoo R., Prüss-Ustün C., Roth G.A., Srinivasan R., Sun J., Tada N., Thakur G.U., Thomas D., Thurston T.D., Truelsen T., Undurraga J., Vasanthakumari S., Venkatesh R., Wang S.S., Wang Y., Wang Z., Werdehara E., Wolmer R.A., Wu C., Xiao Y., Xing A., Younis M.Z., Zaman A., Zarghamer M., Zetterstrom R.H., Zou J. | The Lancet | 2016 | 196 | JSS UNIVERSITY |
| 5 | Antioxidant activity of Caesalpinia digyna root | Srinivasan R., Chandrasekar M.J.N., Nanjan M.J., Suresh B. | Journal of Ethnopharmacology | 2007 | 164 | JSS UNIVERSITY |
| 6 | Poly(n-butylcyanoacrylate) nanoparticles coated with polysorbate 80 for the targeted delivery of rivastigmine into the brain to treat Alzheimer's disease | Wilson B., Samanta M.K., Santhi K., Kumar K.P.S., Paramakrishnan N., Suresh B. | Brain Research | 2008 | 161 | JSS UNIVERSITY |
| 7 | Resveratrol supplementation improves glycemic control in type 2 diabetes mellitus | Bhatt J.K., Thomas S., Nanjan M.J. | Nutrition Research | 2012 | 160 | JSS UNIVERSITY |
| 8 | Molecular targets and regulators of cardiac hypertrophy | Rohini A., Agrawal N., Koyani C.N., Singh R. | Pharmacological Research | 2010 | 157 | JSS UNIVERSITY |
| 9 | Targeted delivery of tacrine into the brain with polysorbate 80-coated poly(n-butylcyanoacrylate) nanoparticles | Wilson B., Samanta M.K., Santhi K., Kumar K.P.S., Paramakrishnan N., Suresh B. | European Journal of Pharmaceutics and Biopharmaceutics | 2008 | 136 | JSS UNIVERSITY |
| 10 | Antiviral activity of medicinal plants of Nilgiris | Vijayan P., Raghu C., Ashok G., Dhanaraj S.A., Suresh B. | Indian Journal of Medical Research | 2004 | 126 | JSS UNIVERSITY |
| 11 | Different techniques for preparation of polymeric nanoparticles- A review | Nagavarma B.V.N., Yadav H.K.S., Ayaz A., Vasudha L.S., Shivakumar H.G. | Asian Journal of Pharmaceutical and Clinical Research | 2012 | 107 | JSS UNIVERSITY |

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|------|--|---|---|---------------------|-------------------------------|---|
| 12 | Chitosan nanoparticles as a new delivery system for the anti-Alzheimer drug tacrine | Wilson B., Samanta M.K., Santhi K., Kumar K.P.S., Ramasamy M., Suresh B. | Nanomedicine: Nanotechnology, Biology, and Medicine | 2010 | 105 | JSS UNIVERSITY |
| 13 | Reversed-phase HPLC method for the estimation of acetaminophen, ibuprofen and chlorzoxazone in formulations | Ravisankar S., Vasudevan M., Gandhimathi M., Suresh B. | Talanta | 1998 | 105 | JSS UNIVERSITY |
| 14 | Microencapsulation: A promising technique for controlled drug delivery | Singh M.N., Hemant K.S.Y., Ram M., Shivakumar H.G. | Research in Pharmaceutical Sciences | 2010 | 104 | JSS UNIVERSITY |
| 15 | Antioxidant activity of the ethanolic extract of <i>Striga orobanchioides</i> | Badami S., Gupta M.K., Suresh B. | Journal of Ethnopharmacology | 2003 | 102 | JSS UNIVERSITY |
| 16 | Hydrogels as controlled drug delivery systems: Synthesis, crosslinking, water and drug transport mechanism | Satish C., Satish K., Shivakumar H. | Indian Journal of Pharmaceutical Sciences | 2006 | 95 | JSS UNIVERSITY |
| 17 | A review of metallothionein isoforms and their role in pathophysiology | Thirumoorthy N., Shyam Sunder A., Manisenthil Kumar K.T., Senthil kumar M., Ganesh G.N.K., Chatterjee M. | World Journal of Surgical Oncology | 2011 | 94 | JSS UNIVERSITY |
| 18 | Evaluation of in-vivo wound healing activity of <i>Hypericum patulum</i> (Family: Hypericaceae) leaf extract on different wound model in rats | Mukherjee P.K., Verpoorte R., Suresh B. | Journal of Ethnopharmacology | 2000 | 90 | JSS UNIVERSITY |
| 19 | Global, regional, and national cancer incidence, mortality, years of life lost, years lived with disability, and disability-adjusted life-years for 32 cancer groups, 1990 to 2015: A Systematic Analysis for the Global Burden of Disease Study Global Burden of Disease Cancer Collaboration | Fitzmaurice C., Allen C., Barber R.M., Barregard L., Bhutta Z.A., Brenner H., Dicker D.J., Chimed-Orchir O., Dandona R., Dandona L., Fleming T., Forouzanfar M.H., Hancock J., Hay R.J., Hunter-Morrill B., Hyatt C., Iversen P.D., Johansen C.O. | JAMA Oncology | 2017 | 89 | JSS UNIVERSITY |
| 20 | Effects of chemical reaction on free convective flow of a polar fluid through a porous medium in the presence of internal heat generation | Patil P.M., Kulkarni P.S. | International Journal of Thermal Sciences | 2008 | 88 | JSS UNIVERSITY |
| 21 | Hesperidin attenuates cisplatin-induced acute renal injury by decreasing oxidative stress, inflammation and DNA damage | Sahu B.D., Kuncha M., Sindhura G.J., Sistla R. | Phytomedicine | 2013 | 86 | JSS UNIVERSITY |
| 22 | Adverse drug reactions in a South Indian hospital - Their severity and cost involved | Ramesh M., Pandit J., Parthasarathi G. | Pharmacoepidemiology and Drug Safety | 2003 | 84 | JSS UNIVERSITY |

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|------|--|---|--|---------------------|-------------------------------|---|
| 23 | Synthesis, analgesic, anti-inflammatory and antibacterial activities of some novel 2-methyl-3-substituted quinazolin-4-(3H)-ones | Alagarsamy V., Murugananthan G., Venkatesherumal R. | Biological and Pharmaceutical Bulletin | 2003 | 84 | JSS UNIVERSITY |
| 24 | Estimates of global, regional, and national incidence, prevalence, and mortality of HIV, 1980–2015: the Global Burden of Disease Study 2015 | GBD 2015 HIV Collaborators, Wang H., Wroblek T.M., Carter A., Nguyen G., Kyu H.H., Gakidou E., Hay S.I., Msemburi W., Coates M.M., Mooney M.D., Fraser M.S., Sligar A., Larson H.J., Friedman J., Proulx A., Dandona L., Fullman N., Haeghebaert S., et al. | The Lancet HIV | 2016 | 82 | JSS UNIVERSITY |
| 25 | Antioxidant activity of Caesalpinia sappan heartwood | Badami S., Moorkoth S., Rai S.R., Kannan E., Bhojraj S. | Biological and Pharmaceutical Bulletin | 2003 | 81 | JSS UNIVERSITY |
| 26 | Evaluation of hepatoprotective activity of Cassia fistula leaf extract | Bhakta T., Mukherjee P.K., Mukherjee K., Banerjee S., Mandal S.C., Maity T.K., Pal M., Saha B.P. | Journal of Ethnopharmacology | 1999 | 81 | JSS UNIVERSITY |
| 27 | Synthesis and study of antibacterial and antifungal activities of novel 1-[2-(benzoxazol-2-yl)ethoxy]-2,6-diarylpiperidin-4-ones | Ramalingam C., Balasubramanian S., Kabilan S., Vasudevan M. | European Journal of Medicinal Chemistry | 2004 | 80 | JSS UNIVERSITY |
| 28 | Novel Biginelli dihydropyrimidines with potential anticancer activity: A parallel synthesis and CoMSIA study | Prashantha Kumar B.R., Sankar G., Nasir Baig R.B., Chandrashekar S. | European Journal of Medicinal Chemistry | 2009 | 77 | JSS UNIVERSITY |
| 29 | Review on nutritional, medicinal and pharmacological properties of papaya (Carica papaya linn.) | Krishna K.L., Paridhavi M., Patel J.A. | Indian Journal of Natural Products and Resources | 2008 | 75 | JSS UNIVERSITY |
| 30 | Serum trace element levels and the complexity of inter-element relations in patients with Parkinson's disease | Hegde M.L., Shanmugavelu P., Vengamma B., Rao T.S.S., Menon R.B., Rao R.V., Rao K.S.J. | Journal of Trace Elements in Medicine and Biology | 2004 | 74 | JSS UNIVERSITY |
| 31 | ION-pair liquid chromatography technique for the estimation of metformin in its multicomponent dosage forms | Vasudevan M., Ravi J., Ravisankar S., Suresh B. | Journal of Pharmaceutical and Biomedical Analysis | 2001 | 74 | JSS UNIVERSITY |
| 32 | Investigation of preparation parameters of nanosuspension by top-down media milling to improve the dissolution of poorly water-soluble glyburide | Singh S.K., Srinivasan K.K., Gowthamarajan K., Singare D.S., Prakash D., Gaikwad N.B. | European Journal of Pharmaceutics and Biopharmaceutics | 2011 | 72 | JSS UNIVERSITY |
| 33 | Anti-microbial activity of a new vaginal contraceptive NIM-76 from neem oil (Azadirachta indica) | SaiRam M., Ilavazhagan G., Sharma S.K., Dhanraj S.A., Suresh B., Parida M.M., Jana A.M., Devendra K., Selvamurthy W. | Journal of Ethnopharmacology | 2000 | 72 | JSS UNIVERSITY |

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|------|---|--|---|---------------------|-------------------------------|---|
| 34 | Adverse drug reaction monitoring in a secondary care hospital in South India | Arulmani R., Rajendran S.D., Suresh B. | British Journal of Clinical Pharmacology | 2008 | 68 | JSS UNIVERSITY |
| 35 | Synthesis and biological evaluation of some heterocyclic derivatives of Chalcones | Kalirajan R., Sivakumar S.U., Jubie S., Gowramma B., Suresh B. | International Journal of ChemTech Research | 2009 | 67 | JSS UNIVERSITY |
| 36 | Gold nanoparticles: A paradigm shift in biomedical applications | Khan M.S., Vishakante G.D., Siddaramaiah H. | Advances in Colloid and Interface Science | 2013 | 67 | JSS UNIVERSITY |
| 37 | Antioxidant and hepatoprotective effect of swertiamarin from <i>Enicostemma axillare</i> against d-galactosamine induced acute liver damage in rats | Jaishree V., Badami S. | Journal of Ethnopharmacology | 2010 | 66 | JSS UNIVERSITY |
| 38 | Preparation and evaluation of a novel buccal adhesive system | Desai K.G.H., Pramod Kumar T.M. | AAPS PharmSciTech | 2004 | 64 | JSS UNIVERSITY |
| 39 | Optimization of curcumin nanoemulsion for intranasal delivery using design of experiment and its toxicity assessment | Sood S., Jain K., Gowthamarajan K. | Colloids and Surfaces B: Biointerfaces | 2014 | 63 | JSS UNIVERSITY |
| 40 | Measuring the health-related Sustainable Development Goals in 188 countries: a baseline analysis from the Global Burden of Disease Study 2015 | GBD 2015 SDG Collaborators, Lim S.S., Allen K., Dandona L., Forouzanfar M.H., Fullman N., Goldberg E.M., Hay S.I., Holmberg M., Kutz M.J., Larson H.J., Lopez A.D., McNellan C.R., Mokdad A.H., Mooney M.D., Naghavi M., Olsh A.E., Pigott | The Lancet | 2016 | 59 | JSS UNIVERSITY |
| 41 | Neuronutrition and Alzheimer's disease | Ramesh B.N., Rao T.S.S., Prakasam A., Sambamurti K., Rao K.S.J. | Journal of Alzheimer's Disease | 2010 | 59 | JSS UNIVERSITY |
| 42 | Influence of natural polymer coating on novel colon targeting drug delivery system | Ravi V., Siddaramaiah, Pramod Kumar T.M. | Journal of Materials Science: Materials in Medicine | 2008 | 59 | JSS UNIVERSITY |
| 43 | Optimization of formulation and process variable of nanosuspension: An industrial perspective | Singare D.S., Marella S., Gowthamarajan K., Kulkarni G.T., Vooturi R., Rao P.S. | International Journal of Pharmaceutics | 2010 | 58 | JSS UNIVERSITY |
| 44 | Global, regional, national, and selected subnational levels of stillbirths, neonatal, infant, and under-5 mortality, 1980–2015: a systematic analysis for the Global Burden of Disease Study 2015 | GBD 2015 Child Mortality Collaborators, Wang H., Coates M.M., Coggeshall M., Dandona L., Fraser M., Fullman N., Hay S.I., Huynh C., Kulikoff X.R., Kutz M.J., Larson H.J., Lim S.S., Lind M., Lopez A.D., Mikelletti L.B., Mokdad A.H., Mooney M.D., Naghavi | The Lancet | 2016 | 57 | JSS UNIVERSITY |

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|------|--|---|--|---------------------|-------------------------------|---|
| 45 | Evaluation of binding properties of Plantago ovata and Trigonella foenum graecum mucilages | Kulkarni G.T., Gowthamarajan K., Rao B.G., Suresh B. | Indian Drugs | 2002 | 55 | JSS UNIVERSITY |
| 46 | Evaluation of Indian traditional medicine | Mukherjee P.K. | Drug Information Journal | 2001 | 55 | JSS UNIVERSITY |
| 47 | Protective effect of embelin against acetic acid induced ulcerative colitis in rats | Thippeswamy B.S., Mahendran S., Biradar M.I., Raj P., Srivastava K., Badami S., Veerapur V.P. | European Journal of Pharmacology | 2011 | 54 | JSS UNIVERSITY |
| 48 | pH sensitive drug delivery systems: A review | Balamuralidhara V., Pramodkumar T.M., srujana N., Venkatesh M.P., Vishal Gupta N., Krishna K.L., Gangadharappa H.V. | American Journal of Drug Discovery and Development | 2011 | 54 | JSS UNIVERSITY |
| 49 | Immunostimulant effects of Capparis zeylanica Linn. leaves | Ghule B.V., Muruganathan G., Nakhat P.D., Yeole P.G. | Journal of Ethnopharmacology | 2006 | 54 | JSS UNIVERSITY |
| 50 | Pharmacological evaluation of 2-substituted (1,3,4) thiazolo quinazolines | Alagarsamy V., Thangathirupathy A., Mandal S., Rajasekaran S., Vijaykumar S., Revathi R., Anburaj J., Arunkumar S., Rajesh S. | Indian Journal of Pharmaceutical Sciences | 2006 | 53 | JSS UNIVERSITY |
| 51 | The role of drugs in the induction and/or exacerbation of psoriasis | Basavaraj K.H., Ashok N.M., Rashmi R., Praveen T.K. | International Journal of Dermatology | 2010 | 51 | JSS UNIVERSITY |