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New Publications of
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August 2016

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Biology

Author(s) **Gottimukkala K.P.; Jangid R.; Patta I.;** Sultana D.A.; Sharma A.; Misra-Sen J. and **Galande S.**

Title Regulation of SATB1 during thymocyte development by TCR signaling.

Name of the Journal Molecular Immunology

Volume No. 77

Page No. 34-43

Date of Publication Sept -2016

Name of the Publisher Elsevier

DOI <http://dx.doi.org/10.1016/j.molimm.2016.07.005>

Author(s) Sako K.; **Pradhan S.J.;** Barone V.; Inglés-Prieto Á.; Müller P.; Ruprecht V.; Čapek D.; **Galande S.;** Janovjak H.and Heisenberg C.P.

Title Optogenetic Control of Nodal Signaling Reveals a Temporal Pattern of Nodal Signaling Regulating Cell Fate Specification during Gastrulation.

Name of the Journal Cell Reports

Volume No. 16

Issue No. 03

Page No. 866-77

Date of Publication 19-Jul-2016

Name of the Publisher Elsevier

DOI [10.1016/j.celrep.2016.06.036](http://dx.doi.org/10.1016/j.celrep.2016.06.036)

Author(s) Jadav, Rathan S.; Kumar, Dharmika; **Buwa, Natasha;** Ganguli, S.; Thampatty, S, R.; **Balasubramanian, Nagaraj** and Bhandari, Rashna

Title Deletion of inositol hexakisphosphate kinase 1 (IP6K1) reduces cell migration and invasion, conferring protection from aerodigestive tract carcinoma in mice.

Name of the Journal Cellular Signalling

Volume No. 28

Issue No. 08

Page No. 1124-1136

Date of Publication Aug-2016

Name of the Publisher Elsevier

DOI [10.1016/j.cellsig.2016.04.011](http://dx.doi.org/10.1016/j.cellsig.2016.04.011)

Author(s) Pusalkar M.; Ghosh S.; Jaggar M.; Husain B.F.; **Galande S.** and Vaidya,V.A.
Title Acute and Chronic Electroconvulsive Seizures (ECS) Differentially Regulate the Expression of Epigenetic Machinery in the Adult Rat Hippocampus.
Name of the Journal International Journal of Neuropsychopharmacology
Date of Publication 3-May-2016
Name of the Publisher Oxford University Press
DOI <http://dx.doi.org/10.1093/ijnp/pyw040>

Chemistry

Author(s) **Thimmappaa, Ravikumar ; Devendracharia, Mruthyunjayachari Chattanahalli ; Shafia,Shahid ;** Freunbergerb,Stefan. and **Thotiyla, Musthafa Ottakam.**
Title Proton conducting hollow graphene oxide cylinder as molecular fuel barrier for tubular H₂-air fuel cell.
Name of the Journal International Journal of Hydrogen Energy
Date of Publication 30-Aug-2016
Name of the Publisher Elsevier
DOI <http://dx.doi.org/10.1016/j.ijhydene.2016.08.057>

Author(s) Kakde,Badrinath N.; Parida,Amarchand; **Kumari, Pooja** and Bisai, Alakesh
Title Total syntheses of (+/-)-taiwaniaquinol D and (+/-)-taiwaniaquinone D via a key Lewis acid-catalyzed Nazarov type cyclization.
Name of the Journal Tetrahedron Letters
Volume No. 57
Issue No. 29
Page No. 3179-3184
Date of Publication 20-Jul-2016
Name of the Publisher Elsevier
DOI <http://dx.doi.org/10.1016/j.tetlet.2016.06.030>

Author(s) Mohan, A.; **Singh, S.**; Partzsch, S.; Zwiebler, M.; Geck, J; Wurmehl, S.; Buchner, B. and Hess, C
Title Single crystal growth of spin-ladder compound La₈Cu₇O₁₉ by the travelling-solvent floating zone method
Name of the Journal Journal of Crystal Growth
Volume No. 448
Page No. 21-28
Date of Publication 15-Aug-2016
Name of the Publisher Elsevier
DOI [10.1016/j.jcrysgro.2016.05.005](http://dx.doi.org/10.1016/j.jcrysgro.2016.05.005)

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Physics

Author(s) Satin, Seema and **Gangal, A. D.**
Title Langevin Equation on Fractal Curves.
Name of the Journal Fractals
Volume No. 24
Issue No. 3
Date of Publication Sept-2016
Name of the Publisher World Scientific Publishing Company
DOI <http://dx.doi.org/10.1142/S0218348X16500286>

Author(s) **Hampapura, Harsha R. and Mukhi, Sunil.**
Title Two-dimensional RCFT's without Kac-Moody symmetry.
Name of the Journal Journal of High Energy Physics
Volume No. 138
Date of Publication 28-Jul-2016
Name of the Publisher Springer
DOI [10.1007/JHEP07\(2016\)138](http://dx.doi.org/10.1007/JHEP07(2016)138)

Author(s) **Paul, Sanku; Pal, Harinder and Santhanam M. S.**
Title Barrier induced chaos in the kicked rotor: Classical sub-diffusion and quantum localization.
Name of the Journal Physical Review E
Volume No. 93
Issue No. 6
Date of Publication 30-Jun-2016
Name of the Publisher American Physical Society
DOI <http://dx.doi.org/10.1103/PhysRevE.93.060203>

Author(s) **Cikkaraddy, Rohit; Patra Partha P.; Tripathi, Ravi P.N.; Dasgupta, Arindam and Pavan Kumar G. V.**
Title Plasmon-controlled Excitonic Emission from Vertically-Tapered Organic Nanowires.
Name of the Journal Nanoscale
Volume No. 8
Issue No. 31
Page No. 14803-14808
Date of Publication 05-Jul-2016
Name of the Publisher Royal Society Chemistry
DOI [10.1039/C6NR02699K](http://dx.doi.org/10.1039/C6NR02699K)

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Author(s) **Vasista, Adarsh B. and Pavan Kumar G. V.**
Title Quantum emitter coupled to plasmonic nanotriangle: Spatially dependent emission and thermal mapping.
Name of the Journal Optics Communication
Volume No. 381
Page No. 227-233
Date of Publication 15-Dec-2016
Name of the Publisher Elsevier
DOI <http://dx.doi.org/10.1016/j.optcom.2016.06.077>

Author(s) **Dasgupta, Arindam; Singh, Danveer; Tripathi,Ravi P.N. and Pavan Kumar G. V.**
Title Directional Fluorescence Emission Mediated by Chemically-Prepared Plasmonic Nanowire Junctions.
Name of the Journal Journal of Physical Chemistry C
Volume No. 120
Issue No. 31
Page No. 17692-17698
Date of Publication 25-Jul-2016
Name of the Publisher American Chemical Society
DOI [10.1021/acs.jpcc.6b04718](http://dx.doi.org/10.1021/acs.jpcc.6b04718)

Author(s) **Bhosale, Udaysinh T.** and Lakshminarayan, Arul
Title Simple permutation-based measure of quantum correlations and maximally-3-tangled states.
Name of the Journal Physical Review A
Volume No. 94
Issue No. 2
Date of Publication 31-Aug-2016
Name of the Publisher American Physical Society
DOI <http://dx.doi.org/10.1103/PhysRevA.94.022344>

Author(s) Khachatryan, V.; **Chauhan, S.; Dube, S. ; Kapoor, A.; Kothekar, K.; Rane, A.; Sharma, S.** et. al.
Title Search for Narrow Resonances in Dijet Final States at root s=8 TeV with the Novel CMS Technique of Data Scouting
Name of the Journal Physical Review Letters
Volume No. 117
Issue No. 03
Date of Publication 15-Jul-2016
Name of the Publisher American Physical Society
DOI [10.1103/PhysRevLett.117.031802](http://dx.doi.org/10.1103/PhysRevLett.117.031802)

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