



SRINIVASA RAMANUJAN LIBRARY  
Indian Institute of Science Education and Research Pune  
Dr. Homi Bhabha Road, Pune - 411008. India.  
e-mail: library@iiserpune.ac.in

---

Monthly Bulletin of Publications:  
Faculty, Scientists and Students of IISER Pune.  
October 2019

---

## Contents

Subject	Page No.
<a href="#"><u>Biology</u></a>	2
<a href="#"><u>Chemistry</u></a>	4
<a href="#"><u>Humanities and Social Sciences</u></a>	7
<a href="#"><u>Earth and Climate Science</u></a>	7
<a href="#"><u>Physics</u></a>	8

# BIOLOGY

**Author(s)** Anoop, V. K.; Britz, Ralf; Arjun, C. P.; DAHANUKAR, NEELESH; Raghavan, Rajeev  
**Title** Pangiobhujia, a new, peculiar species of miniature subterranean eel loach lacking dorsal and pelvic fins from India (Teleostei: Cobitidae)  
**Citation** Zootaxa, 4683(1), 144-150.  
**Publisher** Magnolia Press  
**URI** <http://dx.doi.org/10.11646/zootaxa.4683.1.8>  
**DR URI** <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4163>  
**Date of Publication** OCT-2019

**Author(s)** Banerjee, Sanchita; ROY, ANKIT; MADHUSUDHAN, M. S.; Bairagya, Hridoy R.; Roy, Amit  
**Title** Structural insights of a cellobiose dehydrogenase enzyme from the basidiomycetes fungus *Termitomyces clypeatus*  
**Citation** Computational Biology and Chemistry, 82, 65-73.  
**Publisher** Elsevier B.V.  
**URI** <https://doi.org/10.1016/j.compbiochem.2019.05.013>  
**DR URI** <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4145>  
**Date of Publication** OCT-2019

**Author(s)** BARANWAL, JYOTI; Lhospice, Sebastien; KANADE, MANIL; CHAKRABORTY, SUKANYA; GADE, PRIYANKA RAJENDRA; HARNE, SHRIKANT; Herrou, Julien; Mignot, Tam; GAYATHRI, PANANGHAT  
**Title** Allosteric regulation of a prokaryotic small Ras-like GTPase contributes to cell polarity oscillations in bacterial motility  
**Citation** PLOS Biology, 17(9).  
**Publisher** Public Library of Science  
**URI** <https://doi.org/10.1371/journal.pbio.3000459>  
**DR URI** <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4170>  
**Date of Publication** 27-09-2019

**Author(s)** Bhatia, Sandhya; Krishnamoorthy, G.; DHAR, DEEPAK; UDGAONKAR, JAYANT B.  
**Title** Observation of Continuous Contraction and a Metastable Misfolded State during the Collapse and Folding of a Small Protein  
**Citation** Journal of Molecular Biology, 431(19), 3814-3826.  
**Publisher** Elsevier B.V.  
**URI** <https://doi.org/10.1016/j.jmb.2019.07.024>  
**DR URI** <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4144>  
**Date of Publication** 06-09-2019

[Go to top](#)

<b>Author(s)</b>	Britz, Ralf; DAHANUKAR, NEELESH; Anoop, V. K.; Ali, Anvar
<b>Title</b>	Channarara, a new species of snakehead fish from the Western Ghats region of Maharashtra, India (Teleostei: Labyrinthici: Channidae)
<b>Citation</b>	Zootaxa, 4683(4), 589-600.
<b>Publisher</b>	Magnolia Press
<b>URI</b>	<a href="http://dx.doi.org/10.11646/zootaxa.4683.4.8">http://dx.doi.org/10.11646/zootaxa.4683.4.8</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4160">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4160</a>
<b>Date of Publication</b>	OCT-2019

<b>Author(s)</b>	Ghosh-Harihar, Mousumi; ATHREYA, RAMANA et al.
<b>Title</b>	Protected areas and biodiversity conservation in India
<b>Citation</b>	Biological Conservation, 237, 114-124.
<b>Publisher</b>	Elsevier B.V.
<b>URI</b>	<a href="https://doi.org/10.1016/j.biocon.2019.06.024">https://doi.org/10.1016/j.biocon.2019.06.024</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4176">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4176</a>
<b>Date of Publication</b>	SEP-2019

<b>Author(s)</b>	Kumar, Mukesh; Ojha, Srikant; Rai, Priyanka; JOSHI, ALAUMY; KAMAT, SIDDHESH S.; Mallik, Roop
<b>Title</b>	Insulin activates intracellular transport of lipid droplets to release triglycerides from the liver
<b>Citation</b>	Journal of Cell Biology, 218(10).
<b>Publisher</b>	Rockefeller University Press
<b>URI</b>	<a href="https://doi.org/10.1083/jcb.201903102">https://doi.org/10.1083/jcb.201903102</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4152">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4152</a>
<b>Date of Publication</b>	11-10-2019

<b>Author(s)</b>	Sasidharan, Sreeja; Pochinda, Simon; Elgaard-Jorgensen, Paninnguaq Naja; RAJAMANI, SUDHA; Khandelia, Himanshu; Raghunathan, V. A.
<b>Title</b>	Interaction of the mononucleotide UMP with a fluid phospholipid bilayer
<b>Citation</b>	Soft Matter, 15(40), 8129-8136.
<b>Publisher</b>	Royal Society of Chemistry
<b>URI</b>	<a href="http://dx.doi.org/10.1039/C9SM01257E">http://dx.doi.org/10.1039/C9SM01257E</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4175">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4175</a>
<b>Date of Publication</b>	02-10-2019

# CHEMISTRY

**Author(s)** Burade, Sachin S.; Pawar, Sushil, V; SAHA, TANMOY; Kumbhar, Navanath; Kotmalel, Amol S.; AHMAD, MANZOOR; TALUKDAR, PINAKI; Dhavale, Dilip D.

**Title** Sugar-derived oxazolonepseudotetrapeptide as gamma-turn inducer and anion-selective transporter

**Citation** Beilstein Journal of Organic Chemistry, 15, 2419-2427.

**Publisher** Beilstein-Institute

**URI** <http://dx.doi.org/10.3762/bjoc.15.234>

**DR URI** <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4167>

**Date of Publication** 14-10-2019

**Author(s)** CHAKRABORTY, DEBANJAN; SHEKHAR, PRAGALBH; SINGH, HIMAN DEV; KUSHWAHA, RINKU; Vinod, C. P.; VAIDHYANATHAN, RAMANATHAN

**Title** Ag Nanoparticles Supported on a Resorcinol?Phenylenediamine?Based Covalent Organic Framework for Chemical Fixation of CO<sub>2</sub>

**Citation** Chemistry - An Asian Journal.

**Publisher** Wiley

**URI** <https://doi.org/10.1002/asia.201901157>

**DR URI** <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4173>

**Date of Publication** 23-09-2019

**Author(s)** CHAUHAN, PREETI; Gupta, Kavya; RAVIKUMAR, GOVINDAN; Saini, Deepak K.; CHAKRAPANI, HARINATH

**Title** Carbonyl Sulfide (COS) Donor Induced Protein Persulfidation Protects against Oxidative Stress

**Citation** Chemistry-An Asian Journal.

**Publisher** Wiley

**URI** <https://doi.org/10.1002/asia.201901148>

**DR URI** <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4146>

**Date of Publication** 10-09-2019

**Author(s)** DATTA, DHRUBAJYOTI; Jana, Saibal; TIWARI, OMSHANKER

**Title** Tubular to spherical mesoscopic self-assembly of C- and N-termini capped dileucines

**Citation** Peptide Science.

**Publisher** Wiley

**URI** <http://dx.doi.org/10.1002/pep2.24134>

**DR URI** <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4164>

**Date of Publication** 30-09-2019

[Go to top](#)

<b>Author(s)</b>	JHA, PLAWAN KUMAR; Kashyap, Varchaswal; GUPTA, KRITI; KUMAR, VIKASH; Debnath, Anil Krishna; ROY, DEBASHREE; RANA, SHAMMI; Kurungot, Sreekumar; BALLAV, NIRMALYA
<b>Title</b>	In-situ generated Mn <sub>3</sub> O <sub>4</sub> -reduced graphene oxide nanocomposite for oxygen reduction reaction and isolated reduced graphene oxide for supercapacitor applications
<b>Citation</b>	Carbon, 154, 285-291.
<b>Publisher</b>	Elsevier B.V.
<b>URI</b>	<a href="https://doi.org/10.1016/j.carbon.2019.08.012">https://doi.org/10.1016/j.carbon.2019.08.012</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4156">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4156</a>
<b>Date of Publication</b>	DEC-2019

<b>Author(s)</b>	KARMAKAR, AVISHEK; SAMANTA, PARTHA; DUTTA, SUBHAJIT; GHOSH, SUJIT K.
<b>Title</b>	Fluorescent “Turn-on” Sensing Based on Metal-organic Frameworks (MOFs)
<b>Citation</b>	Chemistry: An Asian Journal.
<b>Publisher</b>	Wiley
<b>URI</b>	<a href="https://doi.org/10.1002/asia.201901168">https://doi.org/10.1002/asia.201901168</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4142">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4142</a>
<b>Date of Publication</b>	01-10-2019

<b>Author(s)</b>	Kashid, Somnath M.; SINGH, REMAN K.; Kwon, Hyejin; Kim, Yung Sam; MUKHERJEE, ARNAB; Bagchi, Sayan
<b>Title</b>	Arresting an Unusual Amide Tautomer Using Divalent Cations
<b>Citation</b>	Journal of Physical Chemistry B, 123(40), 8419-8424.
<b>Publisher</b>	American Chemical Society
<b>URI</b>	<a href="https://doi.org/10.1021/acs.jpcb.9b08463">https://doi.org/10.1021/acs.jpcb.9b08463</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4169">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4169</a>
<b>Date of Publication</b>	18-09-2019

<b>Author(s)</b>	MAITY, RAHUL; SINGH, HIMAN DEV; YADAV, ANKIT KUMAR; CHAKRABORTY, DEBANJAN; VAIDHYANATHAN, RAMANATHAN
<b>Title</b>	Water-stable Adenine-based MOFs with Polar Pores for Selective CO <sub>2</sub> Capture
<b>Citation</b>	Chemistry-An Asian Journal, 14(20), 3736-3741.
<b>Publisher</b>	Wiley
<b>URI</b>	<a href="http://dx.doi.org/10.1002/asia.201901020">http://dx.doi.org/10.1002/asia.201901020</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4168">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4168</a>
<b>Date of Publication</b>	15-10-2019

**Author(s)** MOLICK, SAMRAJ; MANDAL, TARAK NATH; Jana, Atanu; FAJAL, SAHEL; GHOSH, SUJIT K.

**Title** A hybrid blue perovskite@metal-organic gel (MOG) nanocomposite: simultaneous improvement of luminescence and stability

**Citation** Chemical Science.

**Publisher** Royal Society of Chemistry

**URI** <https://doi.org/10.1039/C9SC03829A>

**DR URI** <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4148>

**Date of Publication** 25-09-2019

**Author(s)** NANDI, SHYAMAPADA; Luna, Phil De; MAITY, RAHUL; CHAKRABORTY, DEBANJAN; Daff, Thomas; Burns, Thomas; Woo, Tom K.; VAIDHYANATHAN, RAMANATHAN

**Title** Imparting gas selective and pressure dependent porosity into a non-porous solid via coordination flexibility

**Citation** Materials Horizons, 6(9), 1883-1891.

**Publisher** Royal Society of Chemistry

**URI** <https://doi.org/10.1039/C9MH00133F>

**DR URI** <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4171>

**Date of Publication** 1-11-2019

**Author(s)** Sethi, Yogesh A.; Kulkarni, Aniruddha K.; Khore, Supriya K.; Panmand, Rajendra P.; KANADE, SANDIP C.; Gosavi, Suresh W.; Kulkarni, Milind, V.; Kale, Bharat B.

**Title** Plasmonic Ag decorated CdMoO<sub>4</sub> as an efficient photocatalyst for solar hydrogen production

**Citation** RSC Advances, 9(49), 28525-28533.

**Publisher** Royal Society of Chemistry

**URI** <https://doi.org/10.1039/C9RA05581A>

**DR URI** <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4141>

**Date of Publication** 10-09-2019

**Author(s)** SUDHAKARA, SARVAJITH MALALI; BHAT, ZAHID MANZOOR; DEVENDRACHARI, MRUTHYUNJAYACHARI CHATTANAHALLI; KOTTAICHAMY, ALAGAR RAJA; ITAGI, MAHESH; THIMMAPPA, RAVIKUMAR; Khan, Fasiulla; Kotresh, Harish MakriNimbegondi: THOTIYL. MUSTHAFA OTTAKAM

**Title** A Zinc-Quinone Battery for Paired Hydrogen Peroxide Electrosynthesis

**Citation** Journal of Colloid and Interface Science, 559, 324-330.

**Publisher** Elsevier B.V.

**URI** <https://doi.org/10.1016/j.jcis.2019.10.031>

**DR URI** <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4150>

**Date of Publication** 01-02-2010

[Go to top](#)

<b>Author(s)</b>	TANDON, BHARAT; Ghosh, Sandeep; Milliron, Delia J.
<b>Title</b>	Dopant Selection Strategy for High-Quality Factor Localized Surface Plasmon Resonance from Doped Metal Oxide Nanocrystals
<b>Citation</b>	Chemistry of Materials, 31(18), 7752-7760.
<b>Publisher</b>	American Chemical Society
<b>URI</b>	<a href="https://doi.org/10.1021/acs.chemmater.9b02917">https://doi.org/10.1021/acs.chemmater.9b02917</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4151">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4151</a>
<b>Date of Publication</b>	09-09-2019

## Humanities and Social Sciences

<b>Author(s)</b>	PAI, R. VENKATESWARA; Shylaja, B. S.
<b>Title</b>	Observational records of stars in Indian texts - III (Gemini)
<b>Citation</b>	Current Science, 117(08), 1383-1386.
<b>Publisher</b>	Indian Academy of Sciences
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4166">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4166</a>
<b>Date of Publication</b>	25-10-2019

## Earth and Climate Science

<b>Author(s)</b>	DAS, RITIMA; RAI, S. S.
<b>Title</b>	Redefining DharwarCraton-Southern granulite terrain boundary in south India from new seismological constraints
<b>Citation</b>	Precambrian Research, 332.
<b>Publisher</b>	Elsevier B.V.
<b>URI</b>	<a href="https://doi.org/10.1016/j.precamres.2019.105394">https://doi.org/10.1016/j.precamres.2019.105394</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4147">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4147</a>
<b>Date of Publication</b>	15-09-2019

<b>Author(s)</b>	Shah, Sunil Singh; BANERJEE, ARGHA; Nainwal, Harish Chandra; Shankar, R.
<b>Title</b>	Estimation of the total sub-debris ablation from point-scale ablation data on a debris-covered glacier
<b>Citation</b>	Journal of Glaciology, 65(253), 759-769.
<b>Publisher</b>	Cambridge University Press
<b>URI</b>	<a href="https://doi.org/10.1017/jog.2019.48">https://doi.org/10.1017/jog.2019.48</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4159">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4159</a>
<b>Date of Publication</b>	OCT-2019

[Go to top](#)

# Physics

<b>Author(s)</b>	CMS Collaboration; Sirunyan, A. M.; CHAUHAN, S.; DUBE, S.; HEGDE, V.; KAPOOR, A.; KOTHEKAR, K.; PANDEY, S.; RANE, A.; RASTOGI, S.; SHARMA, S. et al.
<b>Title</b>	Search for a Light Charged Higgs Boson Decaying to a W Boson and a CP-Odd Higgs Boson in Final States with e mu mu or mu mumu in Proton-Proton Collisions at root s=13 TeV
<b>Citation</b>	Physical Review Letters, 123 (13).
<b>Publisher</b>	American Physical Society
<b>URI</b>	<a href="https://doi.org/10.1103/PhysRevLett.123.131802">https://doi.org/10.1103/PhysRevLett.123.131802</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4149">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4149</a>
<b>Date of Publication</b>	23-09-2019
<b>Author(s)</b>	CMS Collaboration; Sirunyan, A. M.; CHAUHAN, S.; DUBE, S.; HEGDE, V.; KAPOOR, A.; KOTHEKAR, K.; PANDEY, S.; RANE, A.; RASTOGI, S.; SHARMA, S. et al.
<b>Title</b>	Search for long-lived particles using nonprompt jets and missing transverse momentum with proton-proton collisions at root s=13 TeV
<b>Citation</b>	Physics Letters B, 797.
<b>Publisher</b>	Elsevier B.V.
<b>URI</b>	<a href="https://doi.org/10.1016/j.physletb.2019.134876">https://doi.org/10.1016/j.physletb.2019.134876</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4153">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4153</a>
<b>Date of Publication</b>	10-10-2019
<b>Author(s)</b>	CMS Collaboration; Sirunyan, A. M.; CHAUHAN, S.; DUBE, S.; HEGDE, V.; KAPOOR, A.; KOTHEKAR, K.; PANDEY, S.; RANE, A.; SHARMA, S. et al.
<b>Title</b>	Charged-particle angular correlations in XeXe collisions at root s(NN)=5.44 TeV
<b>Citation</b>	Physical Review C, 100(4).
<b>Publisher</b>	American Physical Society
<b>URI</b>	<a href="https://doi.org/10.1103/PhysRevC.100.044902">https://doi.org/10.1103/PhysRevC.100.044902</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4157">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4157</a>
<b>Date of Publication</b>	03-10-2019
<b>Author(s)</b>	CMS Collaboration; Sirunyan, A. M.; CHAUHAN, S.; DUBE, S.; HEGDE, V.; KAPOOR, A.; KOTHEKAR, K.; PANDEY, S.; RANE, A.; RASTOGI, S.; SHARMA, S. et al.
<b>Title</b>	Measurement of the top quark polarization and t(t)over-bar spin correlations using dilepton final states in proton-proton collisions at root s=13 TeV
<b>Citation</b>	Physical Review D, 100(7).
<b>Publisher</b>	American Physical Society
<b>URI</b>	<a href="http://dx.doi.org/10.1103/PhysRevD.100.072002">http://dx.doi.org/10.1103/PhysRevD.100.072002</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4161">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4161</a>
<b>Date of Publication</b>	08-10-2019

[Go to top](#)

<b>Author(s)</b>	CMS Collaboration; Sirunyan, A. M.; CHAUHAN, S.; DUBE, S.; HEGDE, V.; KAPOOR, A.; KOTHEKAR, K.; PANDEY, S.; RANE, A.; RASTOGI, S.; SHARMA, S. et al.
<b>Title</b>	Search for pair production of vectorlike quarks in the fully hadronic final state
<b>Citation</b>	Physical Review D, 100(7).
<b>Publisher</b>	American Physical Society
<b>URI</b>	<a href="http://dx.doi.org/10.1103/PhysRevD.100.072001">http://dx.doi.org/10.1103/PhysRevD.100.072001</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4162">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4162</a>
<b>Date of Publication</b>	08-10-2019

<b>Author(s)</b>	CMS Collaboration; Sirunyan, A. M.; CHAUHAN, S.; DUBE, S.; HEGDE, V.; KAPOOR, A.; KOTHEKAR, K.; PANDEY, S.; RANE, A; SHARMA, S. et al.
<b>Title</b>	Evidence for light-by-light scattering and searches for axion-like particles in ultraperipheralPbPb collisions at root s(NN)=5.02 TeV
<b>Citation</b>	Physics Letters B, 797.
<b>Publisher</b>	Elsevier B.V.
<b>URI</b>	<a href="https://doi.org/10.1016/j.physletb.2019.134826">https://doi.org/10.1016/j.physletb.2019.134826</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4143">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4143</a>
<b>Date of Publication</b>	10-10-2019

<b>Author(s)</b>	CMS Collaboration; Sirunyan, A. M.; CHAUHAN, S.; DUBE, S.; HEGDE, V.; KAPOOR, A.; KOTHEKAR, K.; PANDEY, S.; RANE, A; SHARMA, S. et al.
<b>Title</b>	Azimuthal separation in nearly back-to-back jet topologies in inclusive 2- and 3-jet events in pppp collisions at s/=13TeV
<b>Citation</b>	The European Physical Journal C, 79(773).
<b>Publisher</b>	Springer
<b>URI</b>	<a href="https://doi.org/10.1140/epjc/s10052-019-7276-4">https://doi.org/10.1140/epjc/s10052-019-7276-4</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4177">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4177</a>
<b>Date of Publication</b>	18-09-2019

<b>Author(s)</b>	CMS Collaboration; Sirunyan, A. M.; CHAUHAN, S.; DUBE, S.; HEGDE, V.; KAPOOR, A.; KOTHEKAR, K.; PANDEY, S.; RANE, A; RASTOGI, A.; SHARMA, S. et al.
<b>Title</b>	Measurement of the top quark Yukawa coupling from t^-t kinematic distributions in the lepton+iets final state in proton-proton collisions at $\sqrt{s}=13$ TeV
<b>Citation</b>	Physical Review D, 100(07).
<b>Publisher</b>	American Physical Society
<b>URI</b>	<a href="https://doi.org/10.1103/PhysRevD.100.072007">https://doi.org/10.1103/PhysRevD.100.072007</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4178">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4178</a>
<b>Date of Publication</b>	17-10-2019

<b>Author(s)</b>	GEORGE, SANDIP V.; Misra, R.; Ambika, G.
<b>Title</b>	Fractal measures and nonlinear dynamics of overcontact binaries
<b>Citation</b>	Communications in Nonlinear Science and Numerical Simulation, 80.
<b>Publisher</b>	Elsevier B.V.
<b>URI</b>	<a href="https://doi.org/10.1016/j.cnsns.2019.104988">https://doi.org/10.1016/j.cnsns.2019.104988</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4172">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4172</a>
<b>Date of Publication</b>	JAN-2020
<b>Author(s)</b>	Godbole, Rohini; Guchait, Monoranjan; Khosa, Charanjit K.; Lahiri, Jayita; SHARMA, SEEMA; Vijay, Aravind H.
<b>Title</b>	Boosted top quark polarization
<b>Citation</b>	Physical Review D, 100(5).
<b>Publisher</b>	American Physical Society
<b>URI</b>	<a href="https://doi.org/10.1103/PhysRevD.100.056010">https://doi.org/10.1103/PhysRevD.100.056010</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4143">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4143</a>
<b>Date of Publication</b>	16-09-2019
<b>Author(s)</b>	KUMAR, JITENDER; Mukkattukavil, Deepak John; Bhattacharya, Arpan; NAIR, SUNIL
<b>Title</b>	Investigations of the heterometallic Ludwigite Ni <sub>2</sub> AlBO <sub>5</sub>
<b>Citation</b>	Journal of Physics: Condensed Matter.
<b>Publisher</b>	IOP Publishing Ltd.
<b>URI</b>	<a href="https://doi.org/10.1088/1361-648X/ab4f5c">https://doi.org/10.1088/1361-648X/ab4f5c</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4158">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4158</a>
<b>Date of Publication</b>	18-10-2019
<b>Author(s)</b>	SARYAL, SUSHANT; Friedman, HavaMeira; Segal, Dvira; AGARWALLA, BIJAY KUMAR
<b>Title</b>	Thermodynamic uncertainty relation in thermal transport
<b>Citation</b>	Physical Review E, 100(4).
<b>Publisher</b>	American Physical Society
<b>URI</b>	<a href="https://doi.org/10.1103/PhysRevE.100.042101">https://doi.org/10.1103/PhysRevE.100.042101</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4155">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4155</a>
<b>Date of Publication</b>	01-10-2019

<b>Author(s)</b>	SUDHEER KUMAR, C. S.
<b>Title</b>	Violation of space-time Bell-CHSH inequality beyond the Tsirelson bound and quantum cryptography
<b>Citation</b>	Pramana, 93, 67.
<b>Publisher</b>	Springer
<b>URI</b>	<a href="http://dx.doi.org/10.1007%2Fs12043-019-1830-3">http://dx.doi.org/10.1007%2Fs12043-019-1830-3</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4174">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4174</a>
<b>Date of Publication</b>	07-08-2019

[Go to top](#)

\*\*\*