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

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## Contents

Subject	Page No.
<a href="#"><u>Biology</u></a>	2
<a href="#"><u>Chemistry</u></a>	3
<a href="#"><u>Earth and Climate Science</u></a>	6
<a href="#"><u>Humanities and Social Sciences</u></a>	6
<a href="#"><u>Mathematics</u></a>	7
<a href="#"><u>Physics</u></a>	8

## BIOLOGY

<b>Author(s)</b>	Padhye, Sameer; DAHANUKAR, NEELESH
<b>Title</b>	Methodological flaws overshadow the evidence for a species complex in Indialonaganapati (Chydoridae)
<b>Citation</b>	Mitochondrial DNA Part A, 30(8), 880-881.
<b>Publisher</b>	Taylor & Francis Ltd.
<b>URI</b>	<a href="https://doi.org/10.1080/24701394.2019.1693552">https://doi.org/10.1080/24701394.2019.1693552</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4281">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4281</a>
<b>Date of Publication</b>	23-11-2019

<b>Author(s)</b>	REDDY, PULI CHANDRAMOULI; GUNGI, AKHILA; UBHE, SUYOG; PRADHAN, SAURABH J.; KOLTE, AMOL; GALANDE, SANJEEV
<b>Title</b>	Molecular signature of an ancient organizer regulated by Wnt/beta-catenin signalling during primary body axis patterning in Hydra
<b>Citation</b>	Communications Biology, 2.
<b>Publisher</b>	Springer Nature
<b>URI</b>	<a href="https://doi.org/10.1038/s42003-019-0680-3">https://doi.org/10.1038/s42003-019-0680-3</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4254">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4254</a>
<b>Date of Publication</b>	26-11-2019

<b>Author(s)</b>	SEN, NEELADRI; KANITKAR, TEJASHREE RAJARAM; ROY, ANKIT ANIMESH; SONI, NEELESH; AMRITKAR, KAUSTUBH; SUPEKAR, SHREYAS; NAIR, SANJANA; SINGH, GULZAR; MADHUSUDHAN, M. S.
<b>Title</b>	Predicting and designing therapeutics against the Nipah virus
<b>Citation</b>	PLoS Neglected Tropical Diseases , 13(12).
<b>Publisher</b>	Public Library of Science
<b>URI</b>	<a href="https://doi.org/10.1371/journal.pntd.0007419">https://doi.org/10.1371/journal.pntd.0007419</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4248">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4248</a>
<b>Date of Publication</b>	12-12-2019

<b>Author(s)</b>	Sen, Sreemantee; UDGAONKAR, JAYANT B.
<b>Title</b>	Binding-induced folding under unfolding conditions: Switching between induced fit and conformational selection mechanisms
<b>Citation</b>	Journal of Biological Chemistry, 294(45), 16942-16952.
<b>Publisher</b>	American Society for Biochemistry and Molecular Biology
<b>URI</b>	<a href="https://doi.org/10.1074/jbc.RA119.009742">https://doi.org/10.1074/jbc.RA119.009742</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4316">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4316</a>
<b>Date of Publication</b>	08-11-2019

[Go to top](#)

<b>Author(s)</b>	UDGAONKAR, JAYANT B.
<b>Title</b>	Introducing the Mechanical Forces in Biochemistry Special Issue
<b>Citation</b>	Biochemistry, 58 (47), 4655-4656.
<b>Publisher</b>	American Chemical Society
<b>URI</b>	<a href="https://doi.org/10.1021/acs.biochem.9b00999">https://doi.org/10.1021/acs.biochem.9b00999</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4251">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4251</a>
<b>Date of Publication</b>	26-11-2019

## CHEMISTRY

<b>Author(s)</b>	Bhat, Gulzar A.; HALDAR, SATTWICK; Verma, Sonam; CHAKRABORTY, DEBANJAN; VAIDHYANATHAN, RAMANATHAN; Murugavel, Ramaswamy
<b>Title</b>	Facile Exfoliation of Single-Crystalline Copper Alkylphosphates to Single-Layer Nanosheets and Enhanced Supercapacitance
<b>Citation</b>	AngewandteChemie-International Edition, 58(47),16844-16849.
<b>Publisher</b>	Wiley
<b>URI</b>	<a href="https://doi.org/10.1002/anie.201910157">https://doi.org/10.1002/anie.201910157</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4320">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4320</a>
<b>Date of Publication</b>	18-11-2019

<b>Author(s)</b>	Ghosh, Arijit; Bhattacharjee, Sangheeta; Chowdhuri, Srijita Paul; MALLICK, ABHIK; Rehman, Ishita; Basu, Sudipta; Das, BenuBrata
<b>Title</b>	SCAN1-TDP1 trapping on mitochondrial DNA promotes mitochondrial dysfunction and mitophagy
<b>Citation</b>	Science Advances, 5(11).
<b>Publisher</b>	American Association for the Advancement of Science
<b>URI</b>	<a href="https://doi.org/10.1126/sciadv.aax9778">https://doi.org/10.1126/sciadv.aax9778</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4247">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4247</a>
<b>Date of Publication</b>	01-11-2019

<b>Author(s)</b>	HARDIKAR, R. P.; MONDAL, UNMESH; Thakkar, Foram M.; Roy, Sudip; GHOSH, PRASENJIT
<b>Title</b>	Theoretical investigations of a platinum-water interface using quantum-mechanics-molecular-mechanics based molecular dynamics simulations
<b>Citation</b>	Physical Chemistry Chemical Physics, 21(44), 24345-24353.
<b>Publisher</b>	Royal Society of Chemistry
<b>URI</b>	<a href="https://doi.org/10.1039/C9CP03558C">https://doi.org/10.1039/C9CP03558C</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4253">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4253</a>
<b>Date of Publication</b>	28-11-2019

[Go to top](#)

<b>Author(s)</b>	Jayee, Bhumika; MALPATHAK, SHREYAS; Ma, Xinyou; Hase, William L.
<b>Title</b>	Is CH <sub>3</sub> NC isomerization an intrinsic non-RRKM unimolecular reaction?
<b>Citation</b>	Journal of Chemical Physics, 151(18).
<b>Publisher</b>	AIP Publishing
<b>URI</b>	<a href="https://doi.org/10.1063/1.5126805">https://doi.org/10.1063/1.5126805</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4280">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4280</a>
<b>Date of Publication</b>	14-11-2019
 <b>Author(s)</b>	 KOTTAICHAMY, ALAGAR RAJA; BEGUM, SHABBAH; Azeezulla Nazrulla, Mohammed; DARGILY, NEETHU CHRISTUDAS; DEVENDRACHARI, MRUTHYUNJAYACHARI CHATTANAHALLI; BHAT, ZAHID MANZOOR; THIMMAPPA, RAVIKUMAR; Kotresh, Harish Makri Nimbegondi; Vinod, Chathakudath Prabhakaran; THOTIYL, MUSTHAFA OTTAKAM
<b>Title</b>	Unprecedented Isomerism-Activity Relation in Molecular Electrocatalysis
<b>Citation</b>	The Journal of Physical Chemistry Letters, 11,263-271.
<b>Publisher</b>	American Chemical Society
<b>URI</b>	<a href="https://doi.org/10.1021/acs.jpclett.9b02689">https://doi.org/10.1021/acs.jpclett.9b02689</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4259">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4259</a>
<b>Date of Publication</b>	13-12-2019
 <b>Author(s)</b>	 KSHIRSAGAR, ANURAJ S.; NAG, ANGHUMAN
<b>Title</b>	Synthesis and optical properties of colloidal Cs <sub>2</sub> AgSb <sub>1-x</sub> BixCl <sub>6</sub> double perovskitenanocrystals
<b>Citation</b>	Journal of Chemical Physics, 151(16).
<b>Publisher</b>	AIP Publishing
<b>URI</b>	<a href="https://doi.org/10.1063/1.5127971">https://doi.org/10.1063/1.5127971</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4256">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4256</a>
<b>Date of Publication</b>	28-10-2019
 <b>Author(s)</b>	 KUMAR, MOTHUKURI GANESH; VEERESH, KURUVA; NALAWADE, SACHIN A.; NITHUN, RAJ V.; GOPI, HOSAHUDYA N.
<b>Title</b>	Direct Transformation of N-Protected alpha, beta-Unsaturated gamma-Amino Amides into gamma-Lactams through a Base-Mediated Molecular Rearrangement
<b>Citation</b>	Journal of Organic Chemistry, 84(23), 15145-15153.
<b>Publisher</b>	American Chemical Society
<b>URI</b>	<a href="https://doi.org/10.1021/acs.joc.9b01936">https://doi.org/10.1021/acs.joc.9b01936</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4317">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4317</a>
<b>Date of Publication</b>	06-12-2019

<b>Author(s)</b>	MISRA, RAJKUMAR; George, Gijo; SASEENDRAN, ABHIJITH; Raghothama, Srinivasarao; GOPI, HOSAHUDYA N.
<b>Title</b>	Ambidextrous alpha,gamma-Hybrid Peptide Foldamers
<b>Citation</b>	Chemistry-An Asian Journal, 14(23), 4408-4414.
<b>Publisher</b>	Wiley
<b>URI</b>	<a href="https://doi.org/10.1002/asia.201901411">https://doi.org/10.1002/asia.201901411</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4283">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4283</a>
<b>Date of Publication</b>	02-12-2019
 <b>Author(s)</b>	 PANT, RAKESH; Sengupta, Soumyadipt; Lyulin, Alexey, V.; VENKATNATHAN, ARUN
<b>Title</b>	Charge delocalization effects on Nafion structure and water/proton dynamics in hydrated environments
<b>Citation</b>	Fluid Phase Equilibria, 504.
<b>Publisher</b>	Elsevier B.V.
<b>URI</b>	<a href="https://doi.org/10.1016/j.fluid.2019.112340">https://doi.org/10.1016/j.fluid.2019.112340</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4250">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4250</a>
<b>Date of Publication</b>	15-01-2020
 <b>Author(s)</b>	 RAJASEKAR, PRABHAKARAN; Pandey, Swechchha; Ferrara, Joseph D.; Del Campo, Mark; Le Magueres, Pierre; BOOMISHANKAR, RAMAMOORTHY
<b>Title</b>	Chiral Separation of Styrene Oxides Supported by Enantiomeric Tetrahedral Neutral Pd(II) Cages
<b>Citation</b>	Inorganic Chemistry, 58(22), 15017-15020.
<b>Publisher</b>	American Chemical Society
<b>URI</b>	<a href="https://doi.org/10.1021/acs.inorgchem.9b02389">https://doi.org/10.1021/acs.inorgchem.9b02389</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4252">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4252</a>
<b>Date of Publication</b>	01-11-2019
 <b>Author(s)</b>	 SAPPATI, SUBRAHMANYAM; George, Leena; Swamy,Vincent Paul; Devi, R. Nandini; GHOSH, PRASENJIT
<b>Title</b>	Descriptors to Predict Dye-Sensitized Semiconductor Based Photocatalyst for Hydrogen Evolution Reaction
<b>Citation</b>	Chemcatchem, 11(24), 6460-6466.
<b>Publisher</b>	Wiley
<b>URI</b>	<a href="https://doi.org/10.1002/cctc.201901924">https://doi.org/10.1002/cctc.201901924</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4245">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4245</a>
<b>Date of Publication</b>	18-12-2019

<b>Author(s)</b>	SHEIKH,TARIQ; Shinde, Aparna; Mahamuni, Shailaja; NAG, ANGSHUMAN
<b>Title</b>	Dual excitonic emissions and structural phase transition of octylammonium lead iodide 2D layered perovskite single crystal
<b>Citation</b>	Materials Research Express, 6(12).
<b>Publisher</b>	IOP Publishing
<b>URI</b>	<a href="https://doi.org/10.1088/2053-1591/ab53a1">https://doi.org/10.1088/2053-1591/ab53a1</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4284">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4284</a>
<b>Date of Publication</b>	15-11-2019

## Earth and Climate Science

<b>Author(s)</b>	Kumar, Pankaj; Saharwardi, Md. Saquib; BANERJEE, ARGHA; Azam, Mohd. F. Arooq; Dubey, Aditya Kumar; Murtugudde, Raghu
<b>Title</b>	Snowfall Variability Dictates Glacier Mass Balance Variability in Himalaya-Karakoram
<b>Citation</b>	Scientific Reports, 9.
<b>Publisher</b>	Springer Nature
<b>URI</b>	<a href="https://doi.org/10.1038/s41598-019-54553-9">https://doi.org/10.1038/s41598-019-54553-9</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4260">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4260</a>
<b>Date of Publication</b>	03-12-2019

<b>Author(s)</b>	Lee, Wei-Liang; Li, Jui-Lin Frank; Xu, Kuan-Man; SUHAS, ETTAMAL; Jiang, Jonathan H.; Wang, Yi-Hui; Stephens, Graeme; Fetzer, Eric; Yu, Jia-Yuh
<b>Title</b>	Relating Precipitating Ice Radiative Effects to Surface Energy Balance and Temperature Biases Over the Tibetan Plateau in Winter
<b>Citation</b>	Journal of Geophysical Research-Atmospheres.
<b>Publisher</b>	American Geophysical Union
<b>URI</b>	<a href="https://doi.org/10.1029/2018JD030204">https://doi.org/10.1029/2018JD030204</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4286">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4286</a>
<b>Date of Publication</b>	26-10-2019

## Humanities and Social Sciences

<b>Author(s)</b>	PAI, VENKETESWARAR.
<b>Title</b>	The Rationale for Srīgunamitrādivākyas as Described in the Laghuprakāśikā
<b>Citation</b>	Journal of Astronomical History and Heritage, 22(3), 545-552.
<b>Publisher</b>	National Astronomical Research Institute of Thailand
<b>URI</b>	<a href="http://www.narit.or.th/en/files/2019JAHHvol22/2019JAHH...22..545P.pdf">http://www.narit.or.th/en/files/2019JAHHvol22/2019JAHH...22..545P.pdf</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4318">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4318</a>
<b>Date of Publication</b>	2019

<b>Author(s)</b>	SANCHETI, POOJA
<b>Title</b>	Written and Over-written: Investigating Metafictional Strategies in Janet Frame's The Carpathians"
<b>Citation</b>	Language, Literature, and Interdisciplinary Studies (LLIDS), 90-109.
<b>Publisher</b>	Language, Literature, and Interdisciplinary Studies (LLIDS)
<b>URI</b>	<a href="http://ellids.com/archives/2019/10/3.1-Sancheti.pdf">http://ellids.com/archives/2019/10/3.1-Sancheti.pdf</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4276">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4276</a>
<b>Date of Publication</b>	2019

<b>Author(s)</b>	Shylaja, B. S.; PAI, VENKETESWARAR.
<b>Title</b>	Āpa and Apāñvatsa - enigmatic stars catalogued in Sūryasiddhānta
<b>Citation</b>	Journal of Astrophysics and Astronomy, 40.
<b>Publisher</b>	Indian Academy of Sciences
<b>URI</b>	<a href="https://doi.org/10.1007/s12036-019-9614-1">https://doi.org/10.1007/s12036-019-9614-1</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4282">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4282</a>
<b>Date of Publication</b>	05-12-2019

## Mathematics

<b>Author(s)</b>	BANERJEE, DEBARGHA; MANDAL, TATHAGATA
<b>Title</b>	A note on quadratic twisting of epsilon factors for modular forms with arbitrary nebentypus
<b>Citation</b>	Proceedings of the American Mathematical Society.
<b>Publisher</b>	American Mathematical Society
<b>URL</b>	<a href="https://doi.org/10.1090/proc/14887">https://doi.org/10.1090/proc/14887</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4274">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4274</a>
<b>Date of Publication</b>	2019

<b>Author(s)</b>	GANGULY, JYOTIRMOY; SPALLONE, STEVEN
<b>Title</b>	Spinorial representations of symmetric groups
<b>Citation</b>	Journal of Algebra, 544, 29-46.
<b>Publisher</b>	Elsevier B.V.
<b>URL</b>	<a href="https://doi.org/10.1016/j.jalgebra.2019.09.025">https://doi.org/10.1016/j.jalgebra.2019.09.025</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4279">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4279</a>
<b>Date of Publication</b>	15-02-2020

[Go to top](#)

<b>Author(s)</b>	MISHRA, MANISH; PATTANAYAK, BASUDEV
<b>Title</b>	A note on depth preservation
<b>Citation</b>	Journal of The Ramanujan Mathematical Society, 34(4), 393-400.
<b>Publisher</b>	Ramanujan Mathematical Society
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4249">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4249</a>
<b>Date of Publication</b>	DEC-2019

## Physics

<b>Author(s)</b>	Bandyopadhyay, Soumik; Bai, Rukmani; Pal, Sukla; Suthar, K.; NATH, REJISH; Angom, D.
<b>Title</b>	Quantum phases of canted dipolar bosons in a two-dimensional square optical lattice
<b>Citation</b>	Physical Review A, 100(5).
<b>Publisher</b>	American Physical Society
<b>URI</b>	<a href="https://doi.org/10.1103/PhysRevA.100.053623">https://doi.org/10.1103/PhysRevA.100.053623</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4275">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4275</a>
<b>Date of Publication</b>	25-11-2019

<b>Author(s)</b>	Banerjee, Nabamita; BHATTACHARJEE, ARINDAM; Neetu; Neogi, Turmoli
<b>Title</b>	New $N = 2$ SuperBMS3 algebra and invariant dual theory for 3D supergravity
<b>Citation</b>	Journal of High Energy Physics.
<b>Publisher</b>	Springer
<b>URI</b>	<a href="https://doi.org/10.1007/JHEP11(2019)122">https://doi.org/10.1007/JHEP11(2019)122</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4246">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4246</a>
<b>Date of Publication</b>	21-11-2019

<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 average very forward energy as a function of the track multiplicity at central pseudorapidities in proton-proton collisions at $\sqrt{s} = 13\text{TeV}$
<b>Citation</b>	The European Physical Journal C, 79(11), 893.
<b>Publisher</b>	Springer
<b>URI</b>	<a href="https://doi.org/10.1140/epjc/s10052-019-7402-3">https://doi.org/10.1140/epjc/s10052-019-7402-3</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4287">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4287</a>
<b>Date of Publication</b>	05-11-2019

**Author(s)** 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.

**Title** Search for Low-Mass Quark-Antiquark Resonances Produced in Association with a Photon at root s=13 TeV

**Citation** Physical Review Letters, 123(23).

**Publisher** American Physical Society

**URI** <https://doi.org/10.1103/PhysRevLett.123.231803>

**DR URI** <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4257>

**Date of Publication** 06-12-2019

**Author(s)** 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.

**Title** Constraints on anomalous HVV couplings from the production of Higgs bosons decaying to tau lepton pairs

**Citation** Physical Review D, 100(11).

**Publisher** American Physical Society

**URI** <https://doi.org/10.1103/PhysRevD.100.112002>

**DR URI** <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4261>

**Date of Publication** 04-12-2019

**Author(s)** 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.

**Title** Search for long-lived particles using delayed photons in proton-proton collisions at root s=13 TeV

**Citation** Physical Review D, 100(11).

**Publisher** American Physical Society

**URI** <https://doi.org/10.1103/PhysRevD.100.112003>

**DR URI** <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4319>

**Date of Publication** 01-12-2019

**Author(s)** CMS Collaboration; Sirunyan, A. M.; CHAUHAN, S.; DUBE, S.; HEGDE, V.; KAPOOR, A.; KOTHEKAR, K.; PANDEY, S.; RANE, A.; SHARMA, S. et al.

**Title** Pseudorapidity distributions of charged hadrons in xenon-xenon collisions at root S-NN=5.44 TeV

**Citation** Physics Letters B, 799.

**Publisher** Elsevier B.V.

**URI** <https://doi.org/10.1016/j.physletb.2019.135049>

**DR URI** <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4258>

**Date of Publication** 10-12-2019

[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, A.; SHARMA, S. et al.
<b>Title</b>	Search for Physics beyond the Standard Model in Events with Overlapping Photons and Jets
<b>Citation</b>	Physical Review Letters, 123(24).
<b>Publisher</b>	American Physical Society
<b>URI</b>	<a href="https://doi.org/10.1103/PhysRevLett.123.241801">https://doi.org/10.1103/PhysRevLett.123.241801</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4321">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4321</a>
<b>Date of Publication</b>	11-12-2019

<b>Author(s)</b>	Dey, Anirban; Bhakuni, Devendra Singh; AGARWALLA, BIJAY KUMAR; Sharma, Auditya
<b>Title</b>	Quantum entanglement and transport in a non-equilibrium interacting double-dot system: the curious role of degeneracy
<b>Citation</b>	Journal of Physics: Condensed Matter, 32(7).
<b>Publisher</b>	IOP Publishing
<b>URI</b>	<a href="https://doi.org/10.1088/1361-648X/ab5317">https://doi.org/10.1088/1361-648X/ab5317</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4244">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4244</a>
<b>Date of Publication</b>	18-11-2019

<b>Author(s)</b>	HARDIKAR, R. P.; MONDAL, UNMESH; Thakkar, Foram M.; Roy, Sudip; GHOSH, PRASENJIT
<b>Title</b>	Theoretical investigations of a platinum-water interface using quantum-mechanics-molecular-mechanics based molecular dynamics simulations
<b>Citation</b>	Physical Chemistry Chemical Physics, 21(44), 24345-24353.
<b>Publisher</b>	Royal Society of Chemistry
<b>URI</b>	<a href="https://doi.org/10.1039/C9CP03558C">https://doi.org/10.1039/C9CP03558C</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4253">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4253</a>
<b>Date of Publication</b>	28-11-2019

<b>Author(s)</b>	NARAYANAN, VRINDA; M A , GOKUL; RAHMAN, ATIKUR
<b>Title</b>	How to 'train' your CVD to grow large-area 2D materials
<b>Citation</b>	Materials Research Express, 6(12).
<b>Publisher</b>	IOP Publishing
<b>URI</b>	<a href="https://doi.org/10.1088/2053-1591/ab5383">https://doi.org/10.1088/2053-1591/ab5383</a>
<b>DR URI</b>	<a href="http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4288">http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4288</a>
<b>Date of Publication</b>	13-11-2019

**Author(s)** Paul, Sanku; SARKAR, SUMIT; VISHWAKARMA, CHETAN; MANGAONKAR, JAY; SANTHANAM, M. S.; RAPOL, UMAKANT

**Title** Nonmonotonic diffusion rates in an atom-optics Levy kicked rotor

**Citation** Physical Review E, 100(6).

**Publisher** American Physical Society

**URI** <https://doi.org/10.1103/PhysRevE.100.060201>

**DR URI** <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4255>

**Date of Publication** 04-12-2019

**Author(s)** SAPPATI, SUBRAHMANYAM; George, Leena; Swamy, Vincent Paul; Devi, R. Nandini; GHOSH, PRASENJIT

**Title** Descriptors to Predict Dye-Sensitized Semiconductor Based Photocatalyst for Hydrogen Evolution Reaction

**Citation** Chemcatchem, 11(24), 6460-6466.

**Publisher** Wiley

**URI** <https://doi.org/10.1002/cctc.201901924>

**DR URI** <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4245>

**Date of Publication** 18-12-2019

**Author(s)** Sarkar, Subhajit; Sumukh, S. S.; ROY, KINGSHUK; Kamboj, Navpreet; Purkait, Taniya; Das, Manisha; Dey, Ramendra Sundar

**Title** Facile one step synthesis of Cu-g-C<sub>3</sub>N<sub>4</sub> electrocatalyst realized oxygen reduction reaction with excellent methanol crossover impact and durability

**Citation** Journal of Colloid and Interface Science, 558, 182-189.

**Publisher** Elsevier B.V.

**URI** <https://doi.org/10.1016/j.jcis.2019.09.107>

**DR URI** <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/4277>

**Date of Publication** 15-01-2020

[Go to top](#)

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