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September 2026**



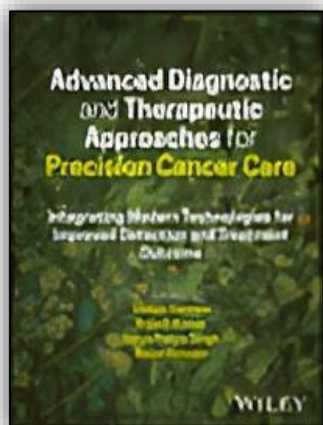
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BIOLOGY

Book Chapters



Author(s): Kar, Sushree Sangita; Chakraborty, Tuhin; Dutta, Suvranil; DILEEP, K. AKASH; Sengupta, Avik; Kumar, Rahul

Title: Single-Cell Transcriptomics

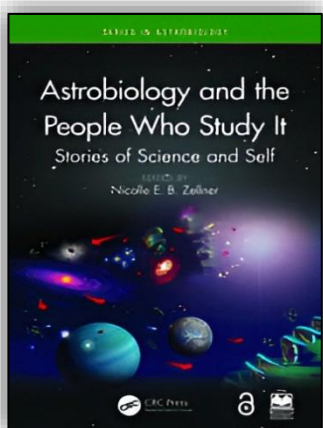
Citation: Advanced Diagnostic and Therapeutic Approaches for Precision Cancer Care: Integrating Modern Technologies for Improved Detection and Treatment Outcome, 209-246.

Publisher: Wiley

URI: <https://doi.org/10.1002/9781394376490.ch9>

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11493>

Publication Date: 2026-07



Author(s): RAJAMANI, SUDHA

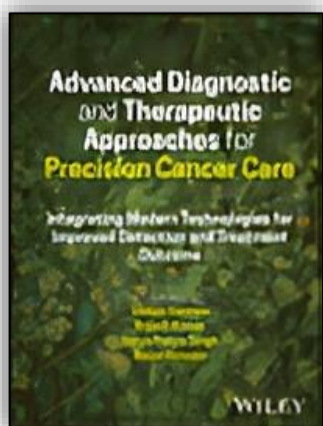
Title: An Accidental Astrobiologist: A Journey Involving Several Firsts

Citation: Astrobiology and the People Who Study It: Stories of Science and Self

Publisher: Routledge

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11430>

Publication Date: 2026-10



Author(s): Vinodini, D.; KULKARNI, RISHABH; Kundal, Kavita; Akula, Jyothiraditya Sai Ram; Kumar, Rahul

Title: Integrating Radiomics and Radiogenomics to Advance Precision Cancer Diagnostics and Treatment

Citation: Advanced Diagnostic and Therapeutic Approaches for Precision Cancer Care: Integrating Modern Technologies for Improved Detection and Treatment Outcome, 351-390.

Publisher: Wiley

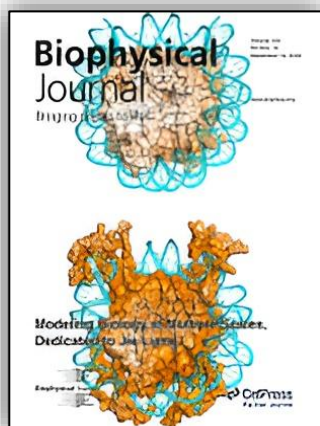
URI: <https://doi.org/10.1002/9781394376490.ch13>

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11494>

Publication Date: 2026-07

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Journal Articles



Author(s): Hari, Kishore; Tripathi, Shubham; ANAND, VAIBHAV; Jolly, Mohit Kumar; Levine, Herbert

Title: A multilevel formalism to model the hybrid E/M phenotypes in epithelial-mesenchymal plasticity

Citation: Biophysical Journal, 125(18), 5076-5092.

Publisher: Elsevier B.V.

URI: <https://doi.org/10.1016/j.bpj.2025.11.024>

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11477>

Publication Date: 2026-09



Author(s): Kumari, Akriti; VARDE, OANKAR; Gopi, Varsha; Rajakumara, Eerappa; NAMBIAR, MRIDULA; Mehta, Gunjan

Title: In Vivo Single-molecule Tracking of CHD Family Chromatin Remodeler Hrp3 Defines the Chromatin Context-dependent Binding Dynamics in *S. pombe*

Citation: Journal of Molecular Biology, 438(21), 169992.

Publisher: Elsevier B.V.

URI: <https://doi.org/10.1016/j.jmb.2026.169992>

DR URI: <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/11495>

Publication Date: 2026-11



Author(s): NAG, SURYADEEPTO; Stern, David I.

Title: Are the Benefits of Electrification Realized Only in the Long Run? Evidence from Rural India

Citation: Energy Journal

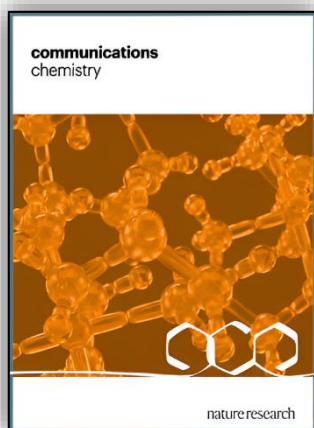
Publisher: Sage

URI: <https://doi.org/10.1177/01956574261473495>

DR URI: <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/11483>

Publication Date: 2026-08

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Author(s): ROY, RAYA; SAWANT, ANUPAM A.; RAJAMANI, SUDHA

Title: Simultaneous formation of peptides and RNA via prebiotic cross-catalytic enhancement

Citation: Communications Chemistry

Publisher: Springer Nature

URI: <https://doi.org/10.1038/s42004-026-02212-2>

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11429>

Publication Date: 2026-09



Author(s): SONI, AMAN; YADAV, SHIVANI A.; ATHALE, CHAITANYA A.

Title: Scaling of microtubule spirals driven by dyneins: collective effect of microtubule and motor mechanics

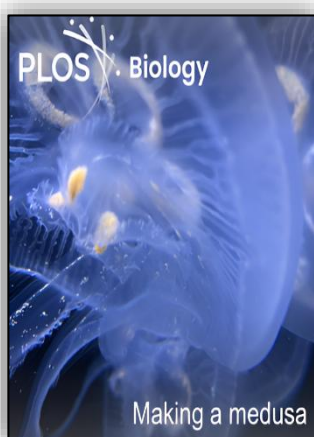
Citation: Journal of the Royal Society Interface

Publisher: The Royal Society

URI: <https://doi.org/10.1098/rsif.2026.0085>

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11475>

Publication Date: 2026-09



Author(s): YELPURE, CHETNA; CHINNARAJ, SAILLESH; TOPIWALA, KUSH; PHADKE, JAY; MATANGE, NISHAD

Title: Polymorphisms in a bacterial signalling pathway alter evolutionary routes of antibiotic resistance in Escherichia coli

Citation: PLoS Biology, 24(8), e3003977.

Publisher: PLOS

URI: <https://doi.org/10.1371/journal.pbio.3003977>

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11461>

Publication Date: 2026-08

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CHEMISTRY

Journal Articles



Author(s): Ahamed, Rafiq; DUTTA, MADHUSUDAN et al.

Title: Proximal Steric Shielding Unlocks High Solid-State Luminescence in Quinoxaline-Fused Pyrene Heteroacenes

Citation: Chemistry - A European Journal

Publisher: Wiley

URI: <https://doi.org/10.1002/chem.71622>

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11434>

Publication Date: 2026-08



Author(s): Ambastha, Payal; KUSHWAHA, VIKASH; Parida, Tanmayee; Gupta, Yogita; Prabakar, Tejas; Sen, Subhabrata; Kanjilal, Alope; BOOMISHANKAR, RAMAMOORTHY; Munshi, Parthapratim

Title: Uniting Ferroelectricity, Piezoelectricity, and Axial Negative Thermal Expansion in Single-Component Organic Materials Enables High-Performance Memristor and Energy-Harvesting Nanogenerators

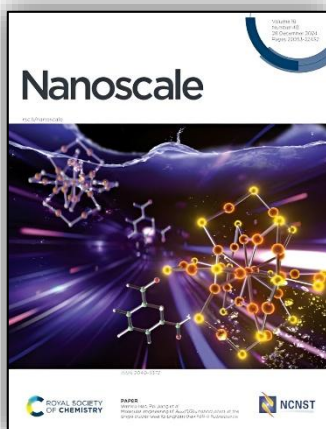
Citation: Advanced Materials

Publisher: Wiley

URI: <https://doi.org/10.1002/adma.74984>

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11467>

Publication Date: 2026-09



Author(s): CAMELLUS R B, AUGASTUS; Bhatt, Rajesh C.; Wasnik, Kundan; SHEKHAR, PRAGALBH; UGALE, AJAY; YADAV, VIKASH; Shelke, Manjusha V.; BALLAV, NIRMALYA

Title: In situ growth of triazine-based β -ketoenamine COFs on carbon nanotubes for durable sodium-ion battery anodes

Citation: Nanoscale

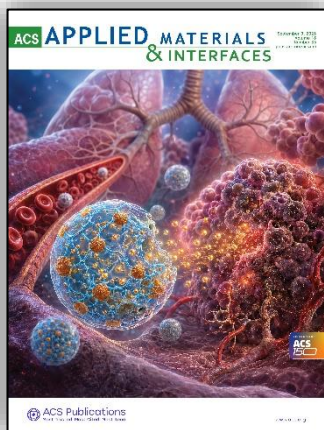
Publisher: Royal Society of Chemistry

URI: <https://doi.org/10.1039/d6nr02178f>

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11452>

Publication Date: 2026-08

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Author(s): Das, Susmita; Paria, Shashikana; Das, Dip; Halder, Prabir Kumar; Paul, Bappi; DAS, UJJAL; Sarkar, Pranab Kumar

Title: Halide Mixing-Driven Modulation of Synaptic Plasticity in Lead-Free Double Perovskite Memristors for Advanced Neuromorphic Computing

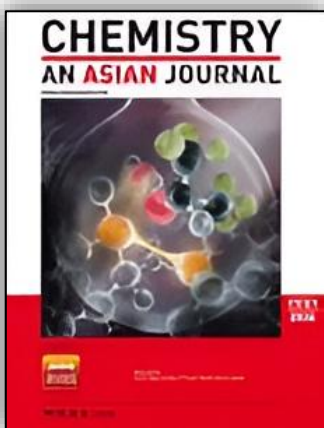
Citation: ACS Applied Materials & Interfaces, 18(35), 47847-47863.

Publisher: American Chemical Society

URI: <https://doi.org/10.1021/acsami.6c11098>

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11437>

Publication Date: 2026-09



Author(s): DEKA, NILOTPAL; INDAD, MD IZAZUL; Zaręba, Jan K.; BOOMISHANKAR, RAMAMOORTHY

Title: Hydrogen Bond Driven Ferroelectricity in a Croconic Acid-Based Two-Component Organic Salt

Citation: Chemistry - An Asian Journal, 21(17).

Publisher: Wiley

URI: <https://doi.org/10.1002/asia.70985>

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11462>

Publication Date: 2026-09



Author(s): GAURAV, KUMAR; Kaur, Simranjeet; PANDAY, RISHUKUMAR; Kumar, Vanka; KHAN, SHABANA

Title: Access to a vinyl(silyl)disilene stabilized by a cyclic alkyl amino olefin

Citation: Chemical Communications, 62 (75), 18755-18759.

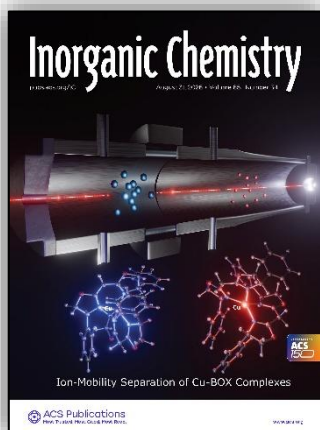
Publisher: Royal Society of Chemistry

URI: <https://doi.org/10.1039/d6cc03694e>

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11446>

Publication Date: 2026-08

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Author(s): GOSWAMI, ASHLESHA S.; DEKA, NILOTPAL; GADAGIN, VINAYAK B.; Zareba, Jan K.; BOOMISHANKAR, RAMAMOORTHY

Title: Halide Substitution Driven Symmetry Breaking in a Ferroelectric Mixed-Halide Halogenometallate for Piezoelectric Energy Harvesting

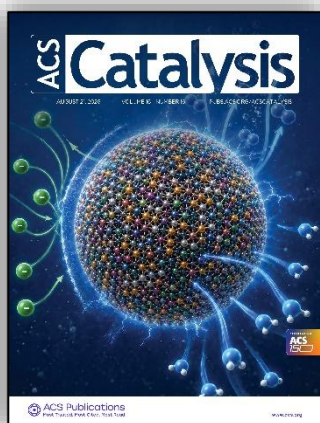
Citation: Inorganic Chemistry, 65(34), 19811-19820.

Publisher: American Chemical Society

URI: <https://doi.org/10.1021/acs.inorgchem.6c02484>

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11459>

Publication Date: 2026-08



Author(s): JANGID, PANKAJ; CHAUDHURY, SRABANTI; Kolomeisky, Anatoly

Title: Dynamic Fluctuations Can Counteract Catalytic Inhibition and Enhance Catalytic Performance

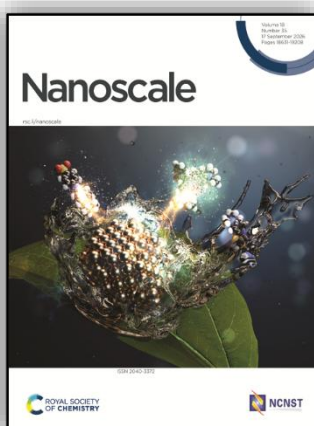
Citation: ACS Catalysis, 16(16), 16403-16415.

Publisher: American Chemical Society

URI: <https://doi.org/10.1021/acscatal.6c05102>

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11454>

Publication Date: 2026-08



Author(s): KAMBALE, PARSHURAM; JADHAV, SAYALI HEMANT; NISAL, RAHUL; GAVHANE, UTRESHWAR ARJUN; JAYAKANNAN, MANICKAM

Title: In situ ROPISA synthetic strategy for a β -sheet polypeptide nanoformulation and in vivo biodistribution studies

Citation: Nanoscale, 18 (36), 19595-19604.

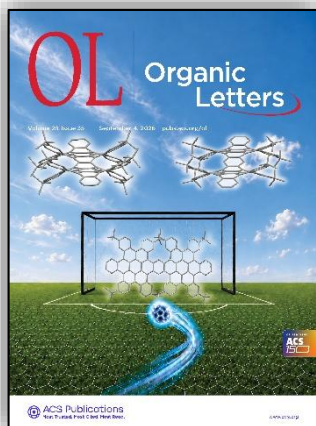
Publisher: Royal Society of Chemistry

URI: <https://doi.org/10.1039/d6nr01569g>

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11444>

Date: 2026-08

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Author(s): MORE, ABHIJIT V.; BATE, BHAKTI M.; SUTAR, DASHRAT VISHAMBAR; DAS, PALLOB JYOTI; GNANAPRAKASAM, BOOPATHY

Title: Synthesis of Diarylheptanoids Using Acetone and Alcohols via a Catalytic Borrowing Alkylation Strategy

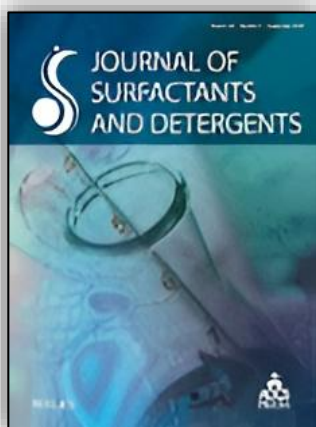
Citation: Organic Letters, 28(35), 10936-10941.

Publisher: American Chemical Society

URI: <https://doi.org/10.1021/acs.orglett.6c02877>

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11443>

Publication Date: 2026-08



Author(s): Mittal, Kash; BHAGWAT, SUNIL; Grady, Brian; Acosta, Edgar

Title: 24th International Symposium on Surfactants in Solution (SIS-2024)

Citation: Journal of Surfactants and Detergents

Publisher: Wiley

URI: <https://doi.org/10.1002/jsde.70097>

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11463>

Publication Date: 2026-09



Author(s): NAIR, PADMAVATHY V. K.; SWAMI, GOURISHANKAR B.; GNANAPRAKASAM, BOOPATHY

Title: Unveiling the catalytic synthesis of macrolactams from nitro-alcohols: a single-catalyst two-step strategy integrating hydrogen auto-transfer and acceptorless dehydrogenation

Citation: Chemical Communications, 62(75).

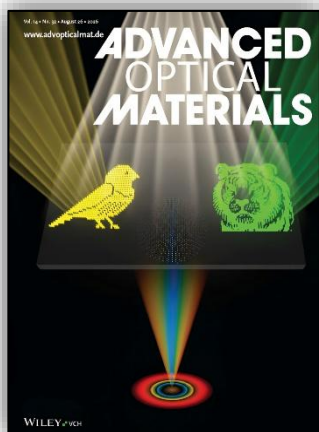
Publisher: Royal Society of Chemistry

URI: <https://doi.org/10.1039/d6cc03714c>

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11445>

Publication Date: 2026-09

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Author(s): NAYAK, SANDHYA RANI; DUTTA, MADHUSUDAN; MISHRA, VISHNU; PANDAY, RISHUKUMAR; HAZRA, PARTHA

Title: Triplet State Engineering in Regioisomeric Cocrystals Enabling Dual Phosphorescence and Efficient Thermally Activated Delayed Fluorescence

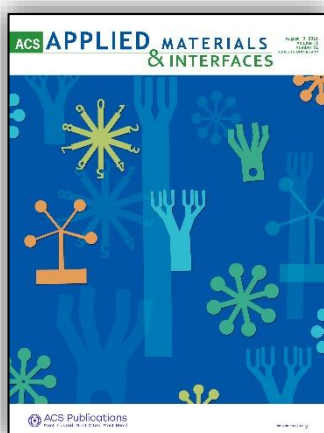
Citation: Advanced Optical Materials, 14(36).

Publisher: Wiley

URI: <https://doi.org/10.1002/adom.71698>

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11464>

Publication Date: 2026-09



Author(s): Patil, Manoj Krishnat; KADAM, SUPRIYA; Nair, Aathira; U, Praveen; Joshi, Kavita; Mukherjee, Shatabdi Porel

Title: MoO_{3-x} Incorporated Covalent Organic Framework Nanocomposite as an Advanced Anode Material for Li-Ion Batteries: Elucidating Structure–Activity Relationships

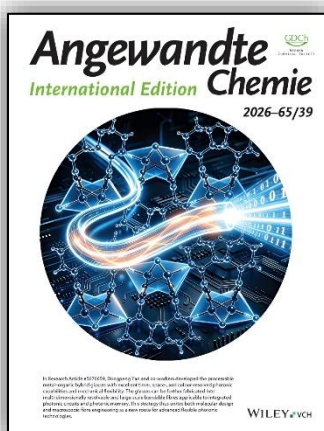
Citation: ACS Applied Materials & Interfaces, 8(32), 44338–44350.

Publisher: American Chemical Society

URI: <https://doi.org/10.1021/acsami.6c12562>

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11439>

Publication Date: 2026-08



Author(s): SARMA, MANMAYURI; MONDAL, BARNALI; Mukhuti, Kingshuk; Puttison, Yuttapoom; NAG, ANGSHUMAN

Title: To Dope Mo^{3+} in Colloidal Nanocrystals

Citation: Angewandte Chemie International Edition

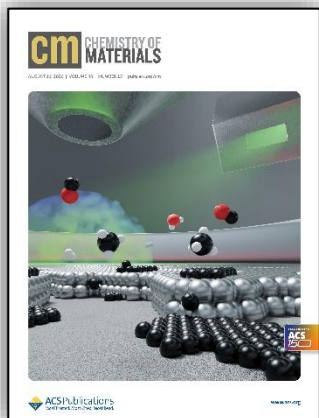
Publisher: Wiley

URI: <https://doi.org/10.1002/anie.6045865>

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11468>

Publication Date: 2026-09

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Author(s): SINGH, PIYUSH; Marshall, Checkers; SINGH, HIMAN DEV; SHEKHAR, PRAGALBH; JAIN, CHITVAN; SINGH, YASHRAJ KUMAR; VAIDHYANATHAN, RAMANATHAN

Title: Structure-Property Discernments from a Hydrophobic Zinc-Diaminotriazolato-Formate Metal-Organic Framework Exhibiting Improved CO₂/H₂O Binary Characteristics

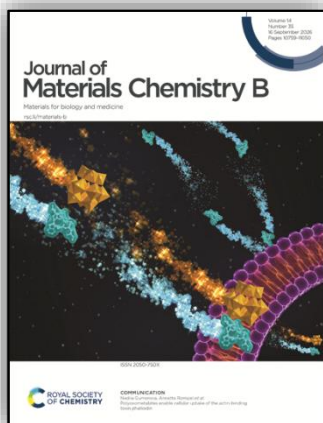
Citation: Chemistry of Materials, 38(15) 7679-7686.

Publisher: American Chemical Society

URI: <https://doi.org/10.1021/acs.chemmater.6c00693>

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11442>

Publication Date: 2026-08



Author(s): Tah, Indrajit; NAGARAJ, ABHAY; Basu, Bikramjit

Title: Computational modelling of fibronectin-integrin interactions under electric-field stimuli

Citation: Journal of Materials Chemistry B

Publisher: Royal Society of Chemistry

URI: <https://doi.org/10.1039/d6tb00606j>

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11453>

Publication Date: 2026-09

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DATA SCIENCE

Conference Papers



Author(s): AbuBakr, Mir Muhammad Zaid Rafiq, Fahid; APTE, AMIT; Sofi, Sahid Hameed; Shafi, Mohammad Sahil; Nahvi, Shahkar Ahmad

Title: Sparse Identification of Nonlinear Dynamics for Digital Twin Applications in Solar Photovoltaic Systems

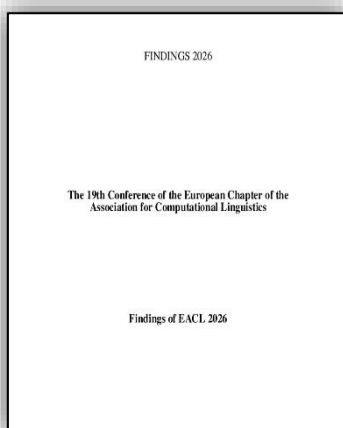
Citation: 2026 IEEE Guwahati Subsection Conference (GCON)

Publisher: IEEE

URI: <https://doi.org/10.1109/GCON69192.2026.11648218>

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11499>

Publication Date: 2026-08



Author(s): MULE, SRUJAN P.; Garikaparthi, Aniketh; Patwardhan, Manasi

Title: Teaching Language Models to Forecast Research Success Through Comparative Idea Evaluation

Citation: Findings of the Association for Computational Linguistics: ACL 2026, 38491-38529.

Publisher: Association for Computational Linguistics

URI: <https://doi.org/10.18653/v1/2026.findings-acl.1918>

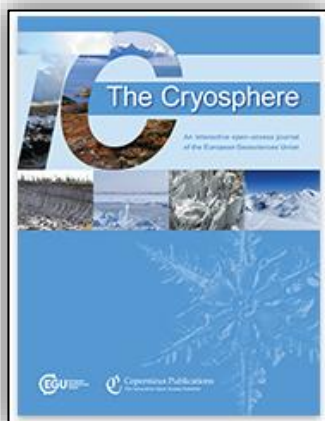
DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11453>

Publication Date: 2026-09

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EARTH AND CLIMATE SCIENCE

Journal Articles



Author(s): KRISHNANAND, JAYAN; BANERJEE, ARGHA; Shankar, Ramachandran; Kaushik, Himanshu; Azam, Mohd. Farooq; Sarangi, Chandan

Title: Predictability of summertime diurnal winds over ungauged mountain glaciers

Citation: Cryosphere, 20(09).

Publisher: European Geosciences Union

URI: <https://doi.org/10.5194/egusphere-2025-3756>

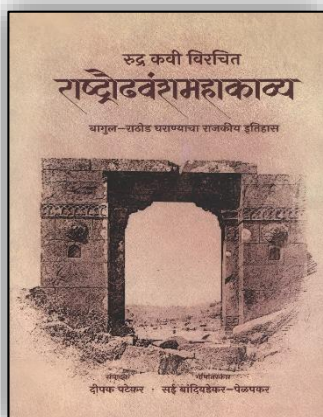
DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11458>

Publication Date: 2026-09

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HUMANITIES AND SOCIAL SCIENCES

Book



Author(s): PATEKAR, DEEPAK_Ed.; Bandivadekar Pelapkar, Sai_Trans.

Book Title: Rudra Kavi Virachit Rashtraoudhavanshmahakavya

Publisher: Shri Shivsamarth Seva Prakashan

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11489>

Publication Date: 2026

Journal Article



Author(s): Das, Anamika; LELE, SHARACHCHANDRA; Robinson, Brian; Wells, Geoff; Attiwilli, Suman; Poudyal, Mahesh; Chreckenber, Kate S.; Daw, Tim; Setty, Siddappa

Title: How do common pool natural resources relate to rural income, poverty and inequality? A multi-country assessment

Citation: World Development, 208, 107515.

Publisher: Elsevier B.V.

URI: <https://doi.org/10.1016/j.worlddev.2026.107515>

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11395>

Publication Date: 2026-12

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MATHEMATICS

Conference Papers



Author(s): Nair, Harishankar K.; Naveencharan, Rithika; MEENAKSHISUNDAR, KSHREYA; Monica P., Reena

Title: Hop-Wise Adaptive Spectral Filters for Graph Representation Learning

Citation: GRADES-NDA '26: Proceedings of the 9th ACM SIGMOD Joint International Workshop on Graph Data Management Experiences & Systems (GRADES) and Network Data Analytics (NDA) 2026

Publisher: Association for Computing Machinery

URI: <https://doi.org/10.1145/3810460.3812780>

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11472>

Publication Date: 2026-09



Author(s): Naveencharan, Rithika; Nair, Harishankar K.; MEENAKSHISUNDAR, KSHREYA; Monica P., Reena

Title: Decoupled Graph Attention Networks

Citation: GRADES-NDA '26: Proceedings of the 9th ACM SIGMOD Joint International Workshop on Graph Data Management Experiences & Systems (GRADES) and Network Data Analytics (NDA) 2026

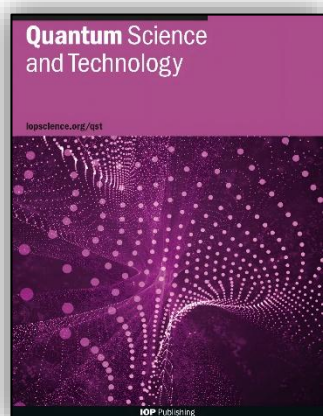
Publisher: Association for Computing Machinery

URI: <https://doi.org/10.1145/3810460.3812782>

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11473>

Publication Date: 2026-09

Journal Articles



Author(s): BHARGAVA, DEEPIKA; Chaki, Paranjay; Bhattacharyya, Aparajita; Sen, Ujjwal

Title: Quantum transistors for heat flux in and out of working substance parts: harmonic vs transmon and Kerr environs

Citation: Quantum Science and Technology, 11(04).

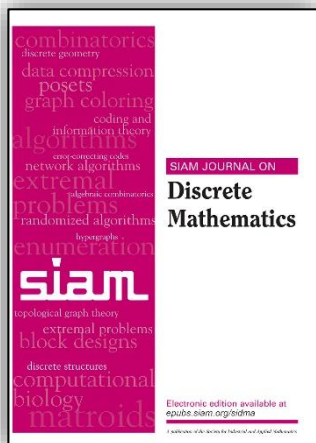
Publisher: IOP Publishing

URI: <https://doi.org/10.1088/2058-9565/ae94a2>

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11449>

Publication Date: 2026-12

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Author(s): Chakraborty, Dipayan; Foucaud, Florent; Majumdar, Diptapriyo; TALE, PRAFULLKUMAR

Title: Tight (Double) Exponential Bounds for Identification Problems: Locating-Dominating Set and Test Cover

Citation: SIAM Journal on Discrete Mathematics, 40(03).

Publisher: Society for Industrial and Applied Mathematics

URI: <https://doi.org/10.1137/24M1692009>

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11451>

Publication Date: 2026



Author(s): Foucaud, Florent; Galby, Esther; Khazaliya, Liana; Li, Shaohua; Mc Inerney, Fionn; Sharma, Roohani; TALE, PRAFULLKUMAR

Title: Metric dimension and geodetic set parameterized by vertex cover

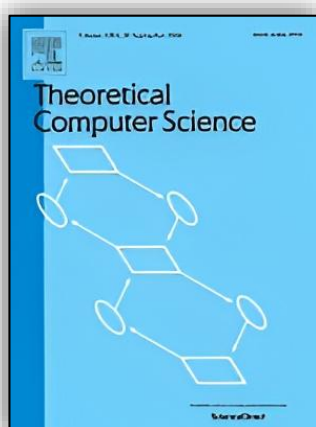
Citation: Journal of Computer and System Sciences, 164, 103850.

Publisher: Elsevier B.V.

URI: <https://doi.org/10.1016/j.jcss.2026.103850>

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11450>

Publication Date: 2027-03



Author(s): GAIKWAD, AJINKYA; KUMAR, HITENDRA; MAITY, SOUMEN

Title: Parameterized algorithms for editing to uniform cluster graph

Citation: Theoretical Computer Science, 1085, 116197.

Publisher: International Press of Boston, Inc.

URI: <https://doi.org/10.1016/j.tcs.2026.116197>

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11438>

Publication Date: 2026-10

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Author(s): Mathur, Yashawini; TALE, PRAFULLKUMAR

Title: A finer view of the parameterized landscape of labeled graph contractions

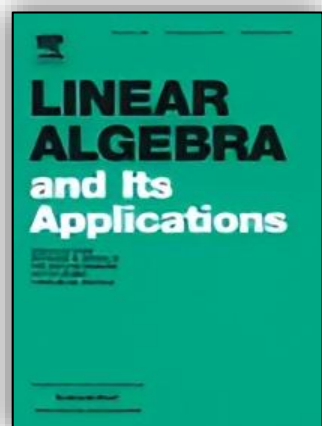
Citation: Journal of Computer and System Sciences, 163, 103865.

Publisher: Elsevier B.V.

URI: <https://doi.org/10.1016/j.laa.2026.08.016>

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11447>

Publication Date: 2027-02



Author(s): Saini, Prachi; SINGH, ANUPAM KUMAR

Title: Polynomial maps with constants on matrix algebra

Citation: Linear Algebra and its Applications, 757, 256-277.

Publisher: Elsevier B.V.

URI: <https://doi.org/10.1016/j.laa.2026.08.016>

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11447>

Publication Date: 2027-01

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PHYSICS

Journal Articles



Author(s): ANSARI, ARHUM; JAIN, SACHIN; MAZUMDAR, DEEP

Title: Cosmological cutting rules from flat-space unitarity via dressing

Citation: Journal of High Energy Physics, 2026(09), 124.

Publisher: Springer Nature

URI: [https://doi.org/10.1007/JHEP09\(2026\)124](https://doi.org/10.1007/JHEP09(2026)124)

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11466>

Publication Date: 2026-09



Author(s): CMS Collaboration; Hayrapetyan, A.; DUBE, SOURABH; HAZARIKA, P.; KANSAL, B.; LAHA, A.; SHARMA, R.; SHARMA, SEEMA; VAISH, K.Y. et al.

Title: Search for heavy resonances decaying into two Higgs bosons in the $b\bar{b}\tau^+\tau^-$ final state in proton-proton collisions at $\sqrt{s}=13$ TeV

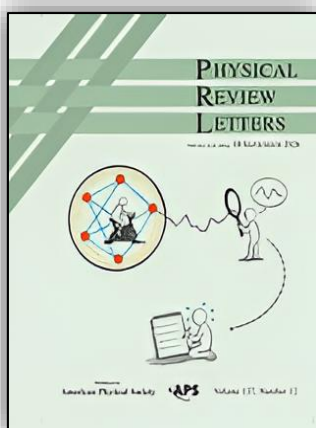
Citation: European Physical Journal C, 86, 901.

Publisher: Springer Nature

URI: <https://doi.org/10.1140/epjc/s10052-026-15699-9>

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11440>

Publication Date: 2026-07



Author(s): CMS Collaboration; Hayrapetyan, A.; DUBE, SOURABH; HAZARIKA, P.; KANSAL, B.; LAHA, A.; SHARMA, R.; SHARMA, SEEMA; VAISH, K.Y. et al.

Title: Observation of the Jet Diffusion Wake Using Dijets in Heavy-Ion Collisions

Citation: Physical Review Letters, 137, 071902.

Publisher: American Physical Society

URI: <https://doi.org/10.1103/g49y-8cjl>

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11460>

Publication Date: 2026-08

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Author(s): CMS Collaboration; Hayrapetyan, A.; DUBE, SOURABH; HAZARIKA, P.; KANSAL, B.; LAHA, A.; SHARMA, R.; SHARMA, SEEMA; VAISH, K.Y. et al.

Title: Observation of Long-Range Collective Flow in O+O and Ne+Ne Collisions and Implications for Nuclear Structure Studies

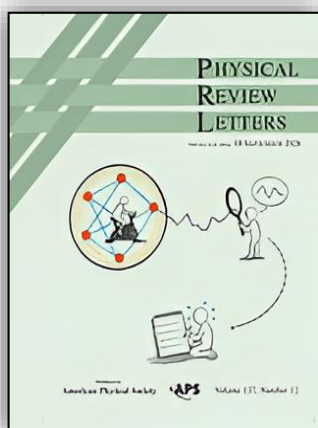
Citation: Physical Review Letters, 137, 082302.

Publisher: American Physical Society

URI: <https://doi.org/10.1103/26wx-tg6f>

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11465>

Publication Date: 2026-08



Author(s): CMS Collaboration; Hayrapetyan, A.; DUBE, SOURABH; HAZARIKA, P.; KANSAL, B.; LAHA, A.; SHARMA, R.; SHARMA, SEEMA; VAISH, K.Y. et al.

Title: Evidence of $ZZ\gamma$ Production and Observation of $4\ell\ell\gamma$ in Proton-Proton Collisions at $\sqrt{s}=13$ TeV

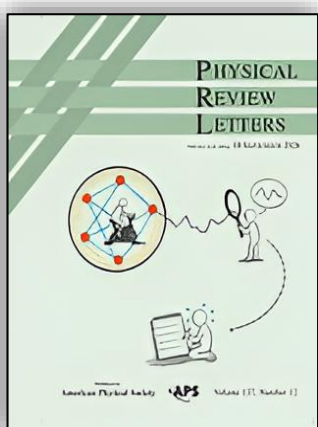
Citation: Physical Review Letters, 137, 091805.

Publisher: American Physical Society

URI: <https://doi.org/10.1103/gdbv-wnpp>

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11476>

Publication Date: 2026-08



Author(s): CMS Collaboration; Hayrapetyan, A.; DUBE, SOURABH; HAZARIKA, P.; KANSAL, B.; LAHA, A.; SHARMA, R.; SHARMA, SEEMA; VAISH, K.Y. et al.

Title: Search for Associated Production of a Higgs Boson and Two Vector Bosons via Vector-Boson Scattering at $\sqrt{s}=13$ TeV

Citation: Physical Review Letters, 137, 101806.

Publisher: American Physical Society

URI: <https://doi.org/10.1103/gwj9-5bxm>

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11478>

Publication Date: 2026-09

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Author(s): DUBE, SOURABH; Kumar, Nilanjana; RANJAN, SHRIYANSH

Title: Fat-jet signatures of quintuplet fermions at the LHC

Citation: Physical Review D, 114, 055013

Publisher: American Physical Society

URI: <https://doi.org/10.1103/ky6-grsm>

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11471>

Publication Date: 2026-09



Author(s): GEORGE, JOSEPH; Okada, Nobuchika; Sengupta, Dibyashree; Vempati, Sudhir K.

Title: Discovery prospects of a singly charged scalar at μ TRISTAN

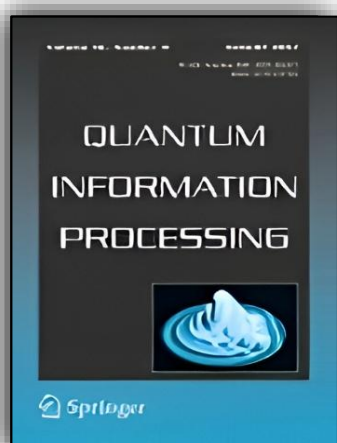
Citation: Physical Review D, 114, 035045.

Publisher: American Physical Society

URI: <https://doi.org/10.1103/3d28-s1rs>

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11469>

Publication Date: 2026-08



Author(s): KHAN, SAKIL; Home, Dipankar; Sinha, Urbasi; JAIN, SACHIN

Title: Statistical correlators and tripartite entanglement

Citation: Quantum Information Processing, 25(297).

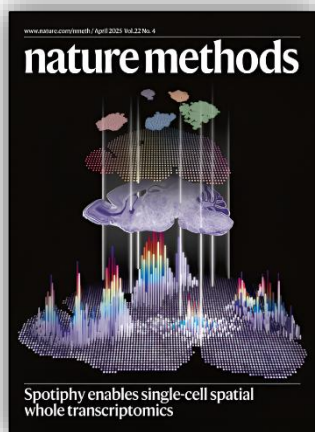
Publisher: Springer Nature

URI: <https://doi.org/10.1007/s11128-026-05325-8>

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11435>

Publication Date: 2026-08

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Author(s): Pellequer, Jean-Luc; PATIL, SHIVPRASAD et al.

Title: A FAIR road to a bioAFM databank

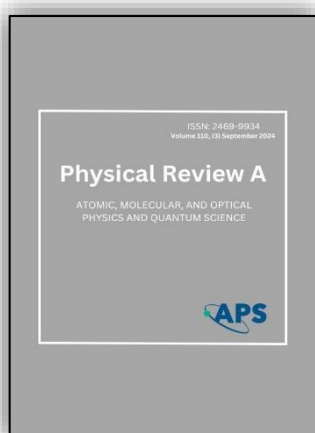
Citation: Nature Methods.

Publisher: Springer Nature

URI: <https://doi.org/10.1038/s41592-026-03214-7>

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11456>

Publication Date: 2026-07



Author(s): SRIVASTAV, AKASH; SRIVASTAV, SUMIT; BAPAT, BHAS

Title: Experimental evidence for projectile electronic structure effects in slow multielectron capture collisions

Citation: Physical Review A, 114, 022826.

Publisher: American Physical Society

URI: <https://doi.org/10.1103/bywm-b7pd>

DR URI: <https://dr.iiserpune.ac.in/handle/123456789/11457>

Publication Date: 2026-08

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