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August 2026



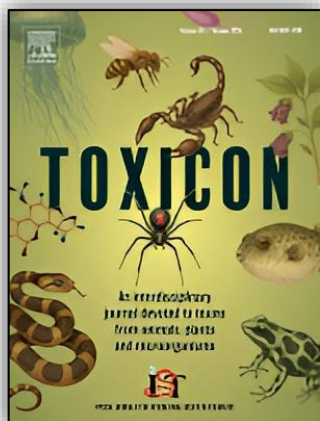
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BIOLOGY

Journal Articles



Author(s): Aditi; Roy, Pragyadeep; PARIKH, RICHARD; Marathe, Aniruddha; Majhi, Karunakar; Jenner, Ronald A.; Joshi, Jahnavi

Title: Divergent venoms among two closely related co-distributed centipede species, *Scolopendra morsitans* and *S. hardwickei* in tropical Asia

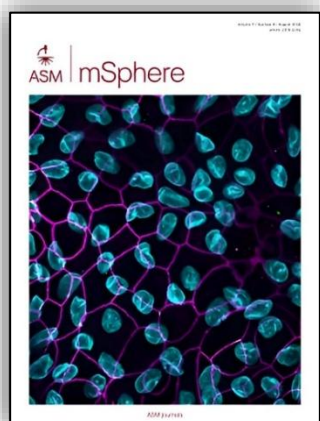
Citation: Toxicon, 282, 109265.

Publisher: Elsevier B.V.

URI: <https://doi.org/10.1016/j.toxicon.2026.109265>

DR URI: <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/11463>

Publication Date: 2026-11



Author(s): Anand, Amitesh; MATANGE, NISHAD; Pande, Samay; Bhandari, Vasundhra

Title: Overview of the ASM-IISc Symposium on the One Health Approach to AMR in Bengaluru, India

Citation: mSphere

Publisher: American Society for Microbiology

URI: <https://doi.org/10.1128/msphere.00211-26>

DR URI: <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/11468>

Publication Date: 2026-08



Author(s): BERA, ANWESHA; DUTTA, MADHUSUDAN; MALIK, AJAY J.; Ambhore, Madan D.; LAHIRI, MAYURIKA; PARTHA, HAZRA

Title: Regioisomeric carbazole-dicyano-dioxin AIDF emitters for efficient triplet harvesting, two-photon absorption and bioimaging

Citation: Chemical Science

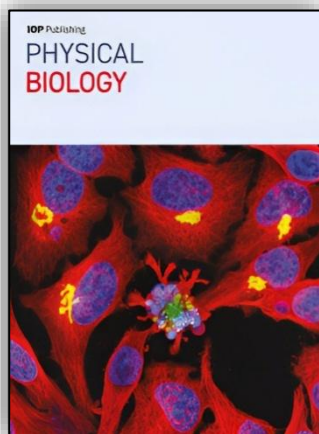
Publisher: Royal Society of Chemistry

URI: <https://doi.org/10.1039/d6sc03725a>

DR URI: <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/11425>

Publication Date: 2026-07

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Author(s): Chakraborty, Priya; Iyer, Shyam; RIKHY, RICHA; Mitra, Mithun K.; Nandi, Amitabha

Title: Scaling of the Bicoid morphogen gradient: the effect of state dependent diffusion

Citation: Physical Biology, 23(04).

Publisher: IOP Publishing

URI: <https://doi.org/10.1088/1478-3975/ae9031>

DR URI: <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/11442>

Publication Date: 2026-08



Author(s): GARG, LOVLEEN; H. KARTHIK; CHANDRAMOULI, AAKASH; D., SENTHILKUMAR; KAMAT, SIDDHESH; Ratnaparkhi, Anuradha; RATNAPARKHI, GIRISH

Title: Glial ceramide orchestrates lipid homeostasis and age-dependent motor function

Citation: Disease Models & Mechanisms

Publisher: The Company of Biologists

URI: <https://doi.org/10.1242/dmm.052840>

DR URI: <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/11460>

Publication Date: 2026-08



Author(s): McAnany, Charles E.; Weilert, Melanie; MEHTA, GRISHMA; Kamulegeya, Fahad; Gardner, Jennifer M.; Schreiber, Jacob; Kundaje, Anshul; Zeitlinger, Julia

Title: Positional interpretation of cis-regulatory code and nucleosome organization with deep learning models

Citation: Nature Communications, 17, 8326.

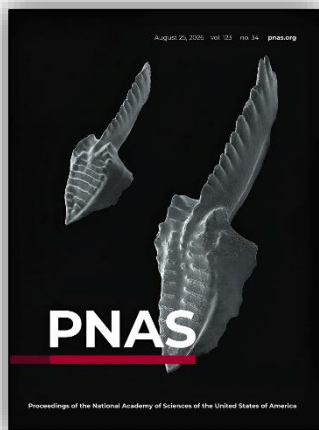
Publisher: Springer Nature

URI: <https://doi.org/10.1038/s41467-026-74807-1>

DR URI: <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/11452>

Publication Date: 2026-08

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Author(s): NERLEKAR, ASHISH N.; Giles, André et al.

Title: Grassland destruction causes shifts in plant traits that persist during recovery

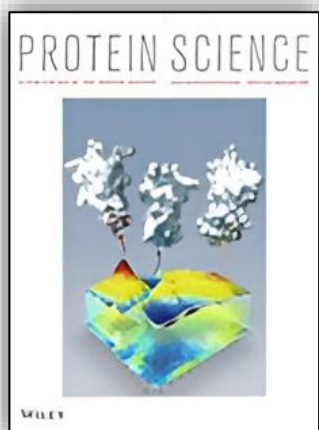
Citation: Proceedings of the National Academy of Sciences, 123(36) e2533967123.

Publisher: National Academy of Sciences

URI: <https://doi.org/10.1073/pnas.2533967123>

DR URI: <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/11453>

Publication Date: 2026-08



Author(s): PAL, SUMAN; UDGAONKAR, JAYANT B.

Title: Phase separation leads to significant conformational change in the N-terminal region of the prion protein

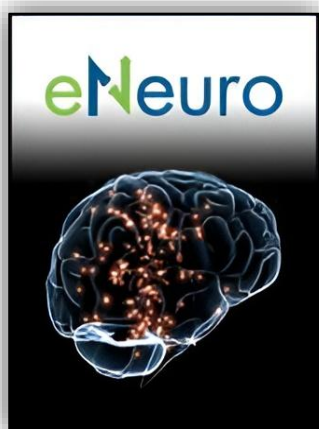
Citation: Protein Science, 35(09).

Publisher: Wiley

URI: <https://doi.org/10.1002/pro.70742>

DR URI: <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/11439>

Publication Date: 2026-09



Author(s): RAO, DIVYA; KIZHAKOOT, DEVIKA BABU; KALRA, SHIKHA; SURI, HARINI; CHOROL, SONAM; RAJAN, RAGHAV

Title: Zebra Finch Introductory Notes Become Song-Like But Have Different Timing and Acoustic Correlations with the Song That Follows

Citation: eNeuro, 13(8).

Publisher: Society for Neuroscience

URI: <https://doi.org/10.1523/ENEURO.0199-25.2026>

DR URI: <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/11464>

Publication Date: 2026-07

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CHEMISTRY

Journal Articles



Author(s): BERA, ANWESHA; DUTTA, MADHUSUDAN; MALIK, AJAY J.; Ambhore, Madan D.; LAHIRI, MAYURIKA; PARTHA, HAZRA

Title: Regioisomeric carbazole-dicyano-dioxin AIDF emitters for efficient triplet harvesting, two-photon absorption and bioimaging

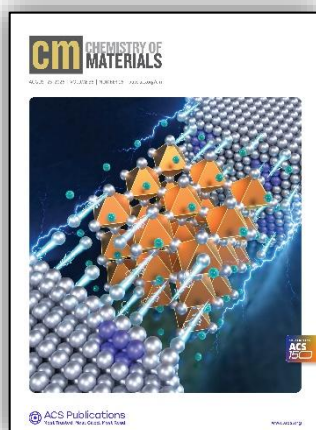
Citation: Chemical Science

Publisher: Royal Society of Chemistry

URI: <https://doi.org/10.1039/d6sc03725a>

DR URI: <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/11425>

Publication Date: 2026-07



Author(s): Dabke, Niteen B.; Biswas, Arindam; DUTTA, MADHUSUDAN; Sharma, Himanshu; Mali, Bhupendra P.; Kumar, Vanka; Kochunnoony Manoj; Rath, Arup Kumar; Gonnade, Rajesh G.

Title: A Multifunctional Organic Crystal Featuring Large Thermal Expansion and Tunable Emission for Light-Emitting Diode Applications

Citation: Chemistry of Materials, 36(16), 8665-8677.

Publisher: American Chemical Society

URI: <https://doi.org/10.1021/acs.chemmater.6c01710>

DR URI: <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/11443>

Publication Date: 2026-08



Author(s): Deo, Harshada S.; PANDAY, RISHUKUMAR; Kumbhar, Anupa A

Title: Catecholase-like activity of a mononuclear Cu(II)-6-(2-nitrostyryl)-5H-pyrrolo[2,3-f][1,10]phenanthroline complex in an aqueous medium

Citation: New Journal of Chemistry

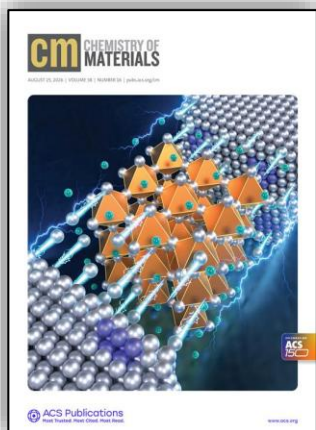
Publisher: Royal Society of Chemistry

URI: <https://doi.org/10.1039/d6nj01172a>

DR URI: <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/11449>

Publication Date: 2026-08

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Author(s): GHOSH, ANIMESH; BANERJEE, SRIJITA; Khamkaeo, Sakarn; Mukhuti, Kingshuk; Puttisong, Yuttapoom; NAG, ANGSUMAN

Title: Interplay among the Ligand Field, Covalency, and Spin Localization in Tailoring the Optical Properties of Mo^{3+} -Doped Halide Perovskites

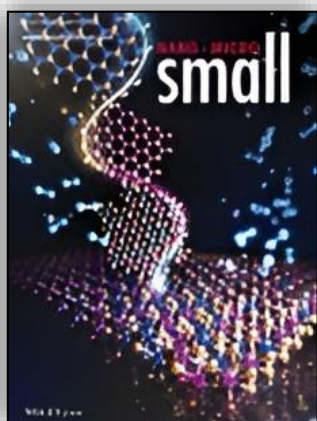
Citation: Chemistry of Materials, 36(16), 8433-8444.

Publisher: American Chemical Society

URI: <https://doi.org/10.1021/acs.chemmater.6c01320>

DR URI: <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/11441>

Publication Date: 2026-08



Author(s): JAIN, CHITVAN; KUSHWAHA, RINKU; MAJUMDER, SUDIPTA; SINGH, YASHRAJ; SINGH, PIYUSH; CAMELLUS, AUGASTUS; Vinod, Chathakudath Prabhakaran; RAHMAN, ATIKUR; VAIDHYANATHAN, RAMANATHAN

Title: Poly(styrenesulfonate):Poly(3,4-ethylenedioxythiophene) (PSS:PEDOT) Based Mixed Electronic and Ionic Conducting COF

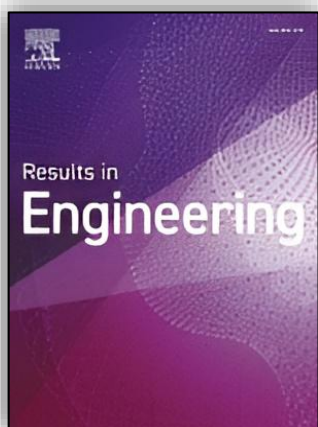
Citation: Small

Publisher: Wiley

URI: <https://doi.org/10.1002/sml.74693>

DR URI: <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/11418>

Publication Date: 2026-07



Author(s): Jaison, Anjali; Rajappa, Shwetha; Nayak, Ashwin Arun; DEVENDRACHARI, MRUTHYUNJAYACHARI CHATTANAHALLI; Sudhakara, Sarvajith Malai; Kotresh, Harish Makri Nimbegondi; Khan, Fasiulla

Title: Zinc phthalocyanine polyamide/PANI functionalized ZnO photocatalyst for the photodegradation of organic dyes using LED white light

Citation: Results in Engineering, 32, 112134.

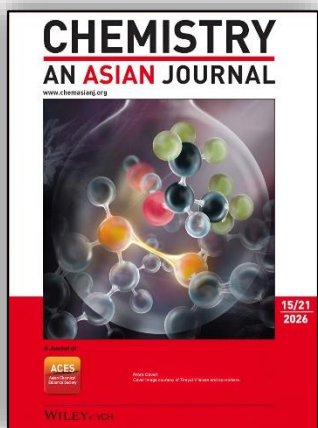
Publisher: Elsevier B.V.

URI: <https://doi.org/10.1016/j.rineng.2026.112134>

DR URI: <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/11421>

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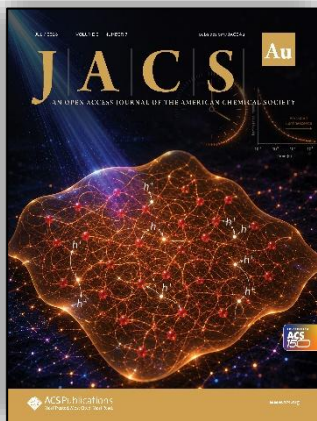


Publication Date: 2026-08

Publication Date: 2026-07

Publication Date: 2026-08

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Author(s): SHARMA, RASHMI; Sarkar, Susmita; CHATTOPADHAYAY, SANDIP; NANDANIYA, KAVAN; GHOSH, SOUMYAJIT; Mondal, Jagannath; TALUKDAR, PINAKI

Title: Chloride-Selective Transmembrane Channel Formation by Meta-Positioned Halogen Bond Donors

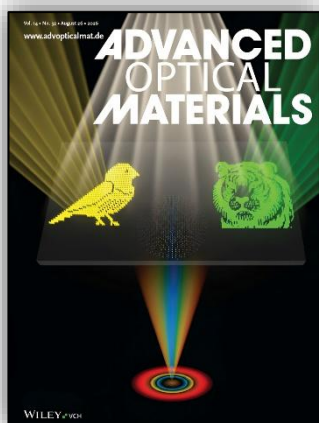
Citation: Journal of the American Chemical Society Au, 6 (07), 3751-3759

Publisher: American Chemical Society

URI: <https://doi.org/10.1021/jacsau.6c00320>

DR URI: <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/11428>

Publication Date: 2026-07



Author(s): Sivanarayanan, Jibin; Vinod, Kavya; SURESH, SUJITHA; T. Amalnadh; Benoy, Anitta; Thomas, Brijith; Hariharan, Mahesh

Title: 3D Electron Diffraction Uncovers the Structural Origin of Delayed Dual Emission in a Heavy-Atom-Free Carbazole Hexamer

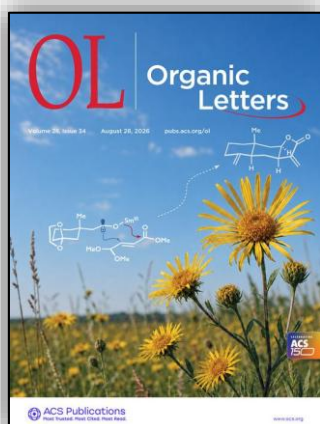
Citation: Advanced Optical Materials.

Publisher: Wiley

URI: <https://doi.org/10.1002/adom.202600022>

DR URI: <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/11454>

Publication Date: 2026-08



Author(s): SWAMI, GOURISHANKAR B.; NAIR, PADMAVATHY V. K.; BATE, BHAKTI M.; MORE, ABHIJIT V.; Priya, Himani; Paranjothy, Manikandan; GNANAPRAKASAM, BOOPATHY

Title: From Esters to Benzodiazepines: A Two-Step Nickel-Iridium Catalytic Pathway via Amide Intermediates

Citation: Organic Letters

Publisher: American Chemical Society

URI: <https://doi.org/10.1021/acs.orglett.6c02844>

DR URI: <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/11467>

Publication Date: 2026-08

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Author(s): Verma, Ankit; NAYAK, BHOJKUMAR; Joshi, Shalini; Wahurwagh, Sneha A.; Pratap, Umesh R.

Title: Triazine-based robust covalent organic framework enabled hydrogen-bond donor catalysis for the synthesis of highly substituted imidazole and pyrazole scaffolds

Citation: European Polymer Journal, 256, 114976.

Publisher: Elsevier B.V.

URI: <https://doi.org/10.1016/j.eurpolymj.2026.114976>

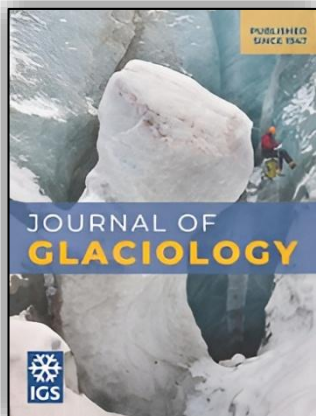
DR URI: <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/11427>

Publication Date: 2026-07

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EARTH AND CLIMATE SCIENCE

Journal Articles



Author(s): BANERJEE, ARGHA; Scherler, Dirk

Title: Exact solution for the elevation profile of steady-state glaciers on erodible bedrock

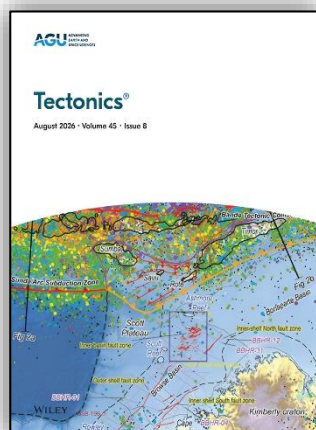
Citation: Journal of Glaciology

Publisher: Cambridge University Press

URI: <https://doi.org/10.1017/jog.2026.10202>

DR URI: <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/11450>

Publication Date: 2026-08



Author(s): Grützner, Christoph; KUMAR, AJAY et al.

Title: Active Tectonics of the Eastern and Southern Alps - Crustal Response to Deep Processes? A Review

Citation: Tectonics, 45(08).

Publisher: Wiley

URI: <https://doi.org/10.1029/2025TC009267>

DR URI: <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/11459>

Publication Date: 2026-08



Author(s): MEHAK, MEHAK; ETTAMMAL, SUHAS

Title: Can Background Circulation Facilitate Intraseasonal Mixed Rossby-Gravity Waves over the Central-Eastern Pacific?

Citation: Journal of the Atmospheric Sciences, 83(08).

Publisher: American Meteorological Society

URI: <https://doi.org/10.1175/JAS-D-25-0126.1>

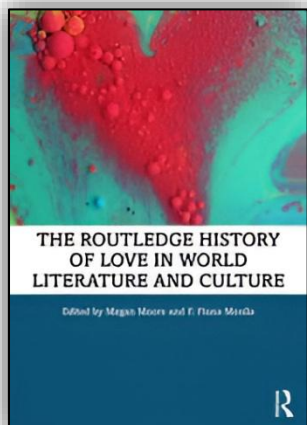
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Publication Date: 2026-08

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HUMANITIES AND SOCIAL SCIENCES

Book Chapter



Author(s): SANCHETI, POOJA

Title: "Love. Madness. Hope." in Roy's The God of Small Things

Citation: The Routledge History of Love in World Literature and Culture, 221-231.

Publisher: Routledge

DR URI: <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/11409>

Publication Date: 2026-07

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>

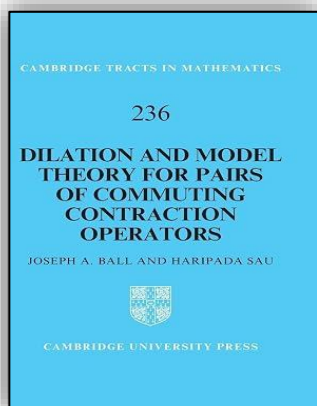
DR URI: <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/11438>

Publication Date: 2026-12

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MATHEMATICS

Book



Author(s): Ball, Joseph A.; SAU, HARIPADA

Title: Dilation and Model Theory for Pairs of Commuting Contraction Operators

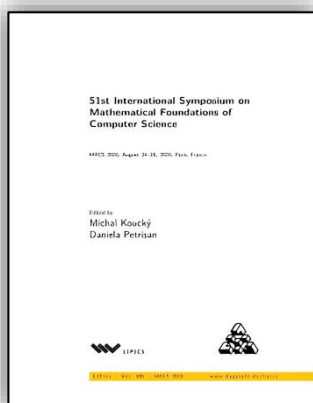
Publisher: Cambridge University Press

URI: <https://doi.org/10.1017/9781009687225>

DR URI: <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/11423>

Publication Date: 2026-06

Conference papers



Author(s): Beaudou, Laurent; Foucaud, Florent; Lorieau, Lucas; TALE, PRAFULLKUMAR

Title: Structural Parameterizations of Geodetic Set on Directed (Acyclic) Graphs

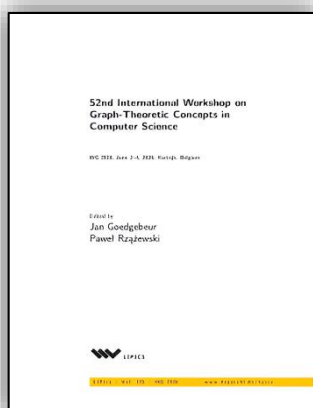
Citation: 51st International Symposium on Mathematical Foundations of Computer Science (MFCS 2026)

Publisher: Dagstuhl Publishing

URI: <https://doi.org/10.4230/LIPIcs.MFCS.2026.88>

DR URI: <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/11424>

Publication Date: 2026-08



Author(s): Chakraborty, Dibyayan; Defrain, Oscar; Foucaud, Florent; Mari, Mathieu; TALE, PRAFULLKUMAR

Title: Parameterized Complexity of Isometric Path Partition: Treewidth and Diameter

Citation: Parameterized Complexity of Isometric Path Partition: Treewidth and Diameter. In 52nd International Workshop on Graph-Theoretic Concepts in Computer Science (WG 2026). Leibniz International Proceedings in Informatics (LIPIcs), Volume 376, pp. 11:1-11:18

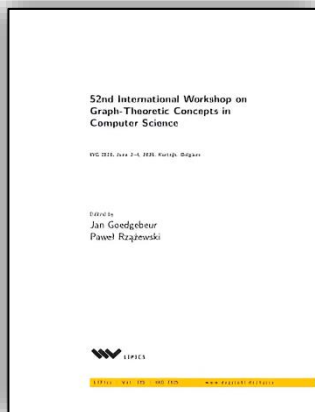
Publisher: Dagstuhl Publishing

URI: <https://doi.org/10.4230/LIPIcs.WG.2026.11>

DR URI: <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/11408>

Publication Date: 2026-07

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Author(s): Adak, Rajat; Nanoti, Saraswati Girish; TALE, PRAFULLKUMAR

Title: Revisiting Token Sliding on Chordal Graphs

Citation: 52nd International Workshop on Graph-Theoretic Concepts in Computer Science (WG 2026). Leibniz International Proceedings in Informatics (LIPIcs), Volume 376, pp. 1:1-1:18,

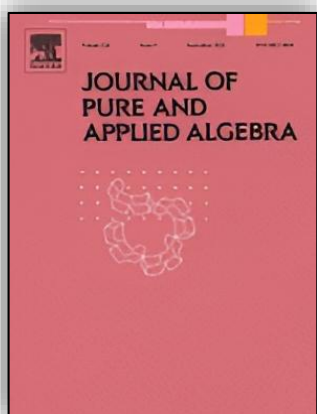
Publisher: Dagstuhl Publishing

URI: <https://doi.org/10.4230/LIPIcs.WG.2026.1>

DR URI: <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/11407>

Publication Date: 2026-07

Journal Articles



Author(s): Biswas, Indranil; PINE, JAGADISH

Title: On the triviality of the direct image of coherent sheaves

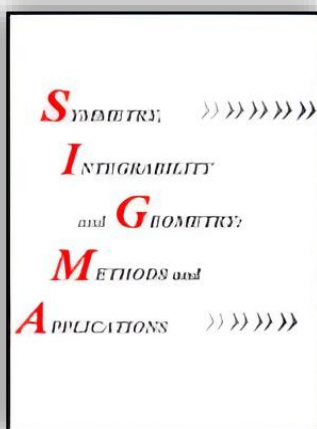
Citation: Journal of Pure and Applied Algebra, 230(10), 108355.

Publisher: Elsevier B.V.

URI: <https://doi.org/10.1016/j.jpaa.2026.108355>

DR URI: <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/11419>

Publication Date: 2026-08



Author(s): PODDAR, MAINAK; Sarkar, Abhishek

Title: L-Lie Algebroids over Topological Ringed Spaces

Citation: Sigma, 22, 074.

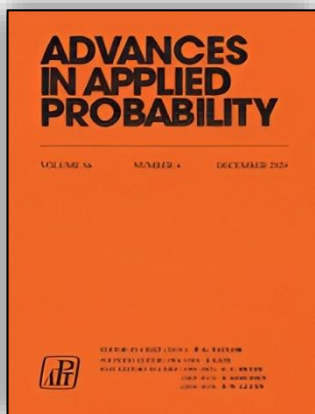
Publisher: Institute of Mathematics of the National Academy of Sciences of Ukraine

URI: <https://doi.org/10.3842/SIGMA.2026.074>

DR URI: <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/11448>

Publication Date: 2026-08

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Author(s): PODDER, MOUMANTI; Sarkar, Anish

Title: Learning models on rooted regular trees with majority update policy: Convergence and phase transition

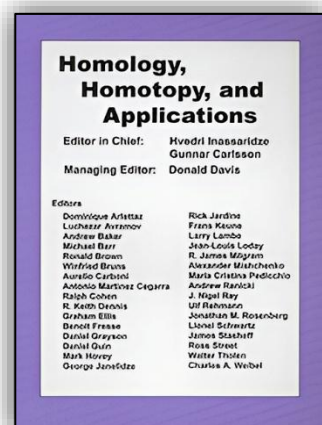
Citation: Advances in Applied Probability

Publisher: Cambridge University Press

URI: <https://doi.org/10.1017/apr.2026.10074>

DR URI: <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/11466>

Publication Date: 2026-08



Author(s): RAMANDEEP SINGH ARORA; Daundkar, Navnath; Sarkar, Soumen

Title: Sectional category with respect to group actions and sequential topological complexity of fibre bundles

Citation: Homology, Homotopy and Applications, 28(03), 101-131.

Publisher: International Press of Boston, Inc.

URI: <https://dx.doi.org/10.4310/HHA.2026.v28.n3.a5>

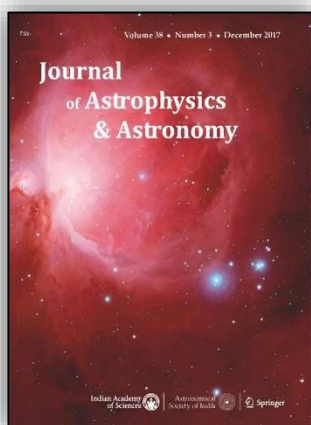
DR URI: <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/11451>

Publication Date: 2026-08

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PHYSICS

Journal Articles



Author(s): Kumar, Abhishek; BAPAT, BHAS et al.

Title: One year of ASPEX-SWIS operation: characteristic features, observations and science potential

Citation: Journal of Astrophysics and Astronomy, 47, 46.

Publisher: Indian Academy of Sciences

URI: <https://doi.org/10.1007/s12036-026-10155-2>

DR URI: <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/11455>

Publication Date: 2026-08



Author(s): CHAWLA, CHIRAG; Chatterjee, Sourav; Breivik, Katelyn

Title: Gaia's Promise to Detect Compact-object Binaries: Where We Stand with the Third Data Release

Citation: Astrophysical Journal, 1007(02).

Publisher: IOP Publishing

URI: <https://doi.org/10.3847/1538-4357/ae8c3c>

DR URI: <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/11462>

Publication Date: 2026-08



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

Title: Search for a boosted Higgs boson decaying to bottom quark pairs in association with a W or Z boson in proton-proton collisions at $\sqrt{s}=13$ TeV

Citation: Physics Letters B

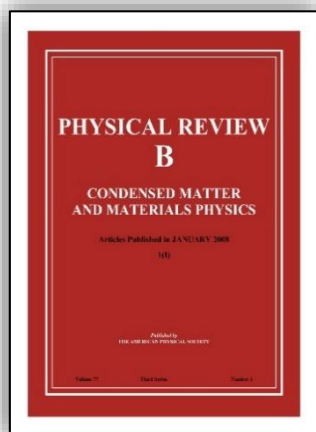
Publisher: Elsevier B.V.

URI: <https://doi.org/10.1016/j.physletb.2026.140534>

DR URI: <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/11412>

Publication Date: 2026-08

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Author(s): Bairagya, Benugopal; Shukla, Gaurav K.; Patel, Akhilesh Kumar; Manikketh, Murali Krishnan; NAIR, SUNIL; Sakuraba, Yuya; Singh, Sanjay

Title: Anomalous Nernst effect in $\text{Ni}_2\text{MnGa}/\text{MgO}$ (001) shape-memory Heusler alloy thin films

Citation: Physical Review B, 113, 224110.

Publisher: American Physical Society

URI: <https://doi.org/10.1103/tlbw-17sy>

DR URI: <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/11355>

Publication Date: 2026-06



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

Title: Search for single production of a vector-like T quark decaying to a top quark and a neutral scalar boson in the lepton+jets final state in proton-proton collisions at $\sqrt{s}=13$ TeV

Citation: Journal of High Energy Physics, 2026(07), 41.

Publisher: Springer Nature

URI: [https://doi.org/10.1007/JHEP07\(2026\)041](https://doi.org/10.1007/JHEP07(2026)041)

DR URI: <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/11414>

Publication Date: 2026-07



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

Title: Search for exotic Higgs boson decays $H \rightarrow AA$ with $A \rightarrow YY$ in events with a semi-merged topology in proton-proton collisions at $\sqrt{s} = 13$ TeV.

Citation: Journal of High Energy Physics, 2026(07), 119.

Publisher: Springer Nature

URI: [https://doi.org/10.1007/JHEP07\(2026\)119](https://doi.org/10.1007/JHEP07(2026)119)

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Publication Date: 2026-07

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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: Measurement of the jet mass in hadronic decays of boosted W bosons at 13 TeV and extraction of the W boson mass

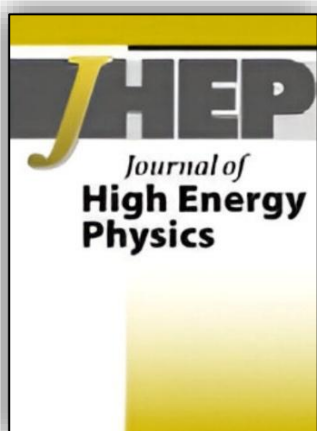
Citation: Journal of High Energy Physics, 2026(07), 54.

Publisher: Springer Nature

URI: [https://doi.org/10.1007/JHEP07\(2026\)054](https://doi.org/10.1007/JHEP07(2026)054)

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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: Combination of searches for heavy vector boson resonances in proton-proton collisions at $\sqrt{s}=13$ TeV

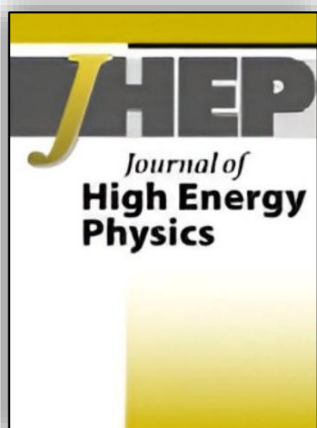
Citation: Journal of High Energy Physics, 2026(07), 05.

Publisher: Springer Nature

URI: [https://doi.org/10.1007/JHEP07\(2026\)005](https://doi.org/10.1007/JHEP07(2026)005)

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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: Measurement of the $\Upsilon(1S)$, $\Upsilon(2S)$, and $\Upsilon(3S)$ differential cross sections in pp collisions at $\sqrt{s}=13.6$ TeV

Citation: Journal of High Energy Physics, 2026(07), 106.

Publisher: Springer Nature

URI: [https://doi.org/10.1007/JHEP07\(2026\)106](https://doi.org/10.1007/JHEP07(2026)106)

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Publication Date: 2026-07

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Title: Search for Higgs boson production at high transverse momentum in the WW decay channel in proton-proton collisions at $\sqrt{s} = 13$ TeV.

Citation: Journal of High Energy Physics, 2026(07),248.

Publisher: Springer Nature

URI: [https://doi.org/10.1007/JHEP07\(2026\)248](https://doi.org/10.1007/JHEP07(2026)248)

DR URI: <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/11457>

Publication Date: 2026-07



Author(s): HARI KRISHNAN, K. B.; VARMA, VISHAL; MAHESH, T. S.

Title: Experimental prime factorization via feedback quantum control

Citation: Physical Review A, 114, 022413.

Publisher: American Physical Society

URI: <https://doi.org/10.1103/mx49-b924>

DR URI: <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/11445>

Publication Date: 2026-08



Author(s): HULLAMBALLI, PRATHAM; Bhattacharyya, Aparajita; Sen, Ujjwal

Title: Distributed quantum dense coding enhanced with nonclassical routing

Citation: Physical Review A, 114, 012605.

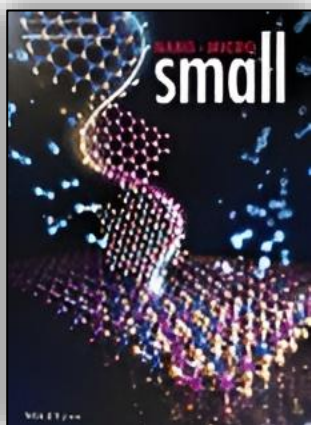
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Author(s): JAIN, CHITVAN; KUSHWAHA, RINKU; MAJUMDER, SUDIPTA; SINGH, YASHRAJ; SINGH, PIYUSH; CAMELLUS, AUGASTUS; Vinod, Chathakudath Prabhakaran; RAHMAN, ATIKUR; VAIDHYANATHAN, RAMANATHAN

Title: Poly(styrenesulfonate):Poly(3,4-ethylenedioxythiophene) (PSS:PEDOT) Based Mixed Electronic and Ionic Conducting COF

Citation: Small

Publisher: Wiley

URI: <https://doi.org/10.1002/sml.74693>

DR URI: <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/11418>

Publication Date: 2026-07



Author(s): MAHARATHY, SIDDHARTH P.; Bhattacharya, Srimoy; Crivellin, Andreas; Kumar, Mukesh; Mazini, Rachid; Mellado, Bruce

Title: Multi-lepton probes of the Drell-Yan production of triplet higgses

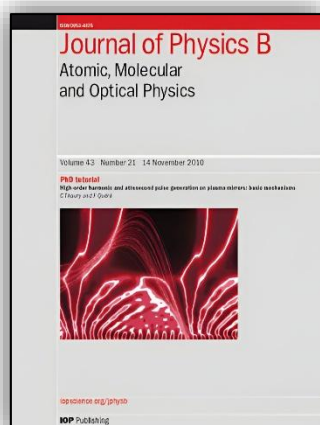
Citation: European Physical Journal C, 86, 821.

Publisher: Springer Nature

URI: <https://doi.org/10.1140/epjc/s10052-026-16082-4>

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Publication Date: 2026-07



Author(s): SATAPATHY, SAHIL; KANJILAL, PROJJWAL KANTI; BHATTACHARYAY, ARIJIT

Title: A general variational approach for equilibrium phase boundaries of trapped spin-1 Bose-Einstein condensates

Citation: Journal of Physics B: Atomic, Molecular and Optical Physics, 59(14).

Publisher: IOP Publishing

URI: <https://doi.org/10.1088/1361-6455/ae889a>

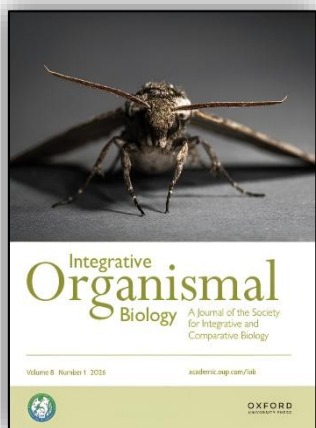
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Publication Date: 2026-07

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SCIENCE EDUCATION

Journal Article



Author(s): DABHOLKAR, SUGAT; Benjamin, S.; Wang, Y.; Svoboda, J.

Title: Student-Generated Questions as Opportunities for Sensemaking in Undergraduate Biology

Citation: Integrative Organismal Biology, 8(01).

Publisher: Oxford University Press

URI: <https://doi.org/10.1093/iob/obag039>

DR URI: <http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/11426>

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