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Biology

Author(s) **Hardikar, Anandwardhan A.; Limaye, Amita; Galande, Sanjeev et al.**
Title Multigenerational undernutrition increases susceptibility to obesity and diabetes that is not reversed after dietary recuperation
Name of the Journal Cell Metabolism
Volume No. 22
Issue No. 2
Page No. 312-319
Date of Publication 04-AUG-2015
Name of the Publisher Cell Press
DOI 10.1016/j.cmet.2015.06.008

Author(s) Raghavan, Rajeev; **Dahanukar, Neelesh** and Molur, Sanjay
Title Curbing academic predators: JoTT's policy regarding citation of publications from predatory journals
Name of the Journal Journal of Threatened Taxa
Volume No. 7
Issue No. 10
Page No. 7609–7611
Date of Publication 26-AUG-2015
Name of the Publisher Wildlife Information Liaison Development
DOI <http://dx.doi.org/10.11609/JoTT.o4388.7609-11>

Author(s) Gschwend, Olivier; **Abraham, Nixon M**; Lagier, Samuel; Begnaud, Frederic; Rodriguez, Ivan and Carleton, Alan
Title Neuronal pattern separation in the olfactory bulb improves odor discrimination learning
Name of the Journal Nature Neuroscience
Date of Publication 24-AUG-2015
Name of the Publisher Nature
DOI 10.1038/nn.4089

Chemistry

Author(s) **Mukherjee, Soumya; Desai, Aamod V.; Manna, Biplab; Inamdar, Arif I. and Ghosh, Sujit K.**

Title Exploitation of Guest Accessible Aliphatic Amine Functionality of a Metal–Organic Framework for Selective Detection of 2,4,6-Trinitrophenol (TNP) in Water

Name of the Journal Crystal Growth & Design

Volume No. 15

Issue No. 9

Page No. 4627–4634

Date of Publication 05-AUG-2015

Name of the Publisher American Chemical Society

DOI 10.1021/acs.cgd.5b00902

Author(s) **Pramod, Poothayil Subash; Deshpande, Nilesh Umakant and Jayakannan, Manickam**

Title Real-Time Drug Release Analysis of Enzyme and pH Responsive Polysaccharide Nanovesicles

Name of the Journal Journal of Physical Chemistry B

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Date of Publication 03-AUG-2015

Name of the Publisher American Chemical Society

DOI 10.1021/acs.jpcc.5b05795

Author(s) **Palvai, Sandeep; More, Piyush; Mapara, Nikunj and Basu, Sudipta**

Title Chimeric Nanoparticle: A Platform for Simultaneous Targeting of Phosphatidylinositol-3-Kinase Signaling and Damaging DNA in Cancer Cells

Name of the Journal ACS Applied Materials Interfaces

Volume No. 7

Issue No. 33

Page No. 18327–18335

Date of Publication 10-AUG-2015

Name of the Publisher American Chemical Society

DOI 10.1021/acsami.5b04015

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Author(s) Kumar, Krishna; Adhikary, Pubali; Karmakar, N. C.;
Gupta, Suprakash; **Singh, Ram Prakash** and Krishnamoorthi, S.
Title Synthesis, characterization and application of novel cationic and
amphoteric flocculants based on amylopectin
Name of the Journal Carbohydrate Polymers
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Page No. 275-281
Date of Publication 20-AUG-2015
Name of the Publisher Elsevier
DOI 10.1016/j.carbpol.2015.03.044

Author(s) **Srivastava, Anant Kumar**; Divya, Pillutla; Praveenkumar, B. and
Boomishankar, Ramamoorthy
Title Potentially Ferroelectric $\{(CuL_2)-L-II\}(n)$ Based Two-Dimensional
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Name of the Journal Chemistry of Materials
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Page No. 5222-5229
Date of Publication 15-JUL-2015
Name of the Publisher American Chemical Society
DOI 10.1021/acs.chemmater.5b01267

Author(s) Shaikh, Aslam C.; **Shalini, S.**; **Vaidhyanathan, Ramanathan**; Mane,
Manoj V; Barui, Ayan Kumar; Patra, Chitta Ranjan; Venkatesh,
Yeduru; Bangal, Prakriti Ranjan and Patil, Nitin T.
Title Identifying Solid Luminogens through Gold-Catalysed
Intramolecular Hydroarylation of Alkynes
Name of the Journal European Journal of Organic Chemistry
Volume No. 22
Page No. 4860-4867
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Name of the Publisher Wiley
DOI 10.1002/ejoc.201500503

Author(s) **Roy, Arundhati; Saha, Tanmoy and Talukdar, Pinaki**
Title Turn-on fluorescent probe designed for fluoride ion sensing in aqueous media
Name of the Journal Tetrahedron Letters
Volume No. 56
Issue No. 35
Page No. 4975-4979
Date of Publication 26-AUG-2015
Name of the Publisher Pergamon-Elsevier Science Ltd.
DOI 10.1016/j.tetlet.2015.06.086

Author(s) **Roy, Bibhisanl; Satpathi, Sagar; Gavvala, Krishna; Koninti, Raj Kumar and Hazra, Partha**
Title Solvation Dynamics in Different Phases of the Lyotropic Liquid Crystalline System
Name of the Journal Journal of Physical Chemistry B
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Name of the Publisher American Chemical Society
DOI 10.1021/acs.jpcc.5b04370

Author(s) **Chinnagolla, Ravi Kiran; Vijeta, Arjun and Jeganmohan, Masilamani**
Title Ruthenium- and palladium-catalyzed consecutive coupling and cyclization of aromatic sulfoximines with phenylboronic acids: an efficient route to dibenzothiazines.
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Date of Publication 06-JUL-2015
Name of the Publisher Royal Society of Chemistry
DOI 10.1039/C5CC04589D

Author(s) **Singh, Kumar Reman; Sasikala, Wilbee D. and Mukherjee, Arnab**
Title Molecular Origin of DNA Kinking by Transcription Factors
Name of the Journal Journal of Physical Chemistry B
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Issue No. 35
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Date of Publication 10-AUG-2015
Name of the Publisher American Chemical Society
DOI 10.1021/acs.jpccb.5b06229

Author(s) **Palvai, Sandeep and Basu, Sudipta**
Book Chapter Title Biocompatible vitamin D3 nanoparticles in drug delivery
Book Title Nano Based Drug Delivery
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Name of the Publisher IAPC Publication
ISBN 9789535694229

Earth Sciences

Author(s) **Tripathy, Gyana** Ranjan and Singh, Sunil Kumar
Title Re-Os depositional age for black shales from the Kaimur Group, Upper Vindhyan, India
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Name of the Publisher Elsevier
DOI 10.1016/j.chemgeo.2015.08.011

Physics

Author(s) **Sachdeva, Nishtha; Subramanian, Prasad;** Colaninno, Robin and Angelos, Vourlidas
Title CME propagation: where does aerodynamic drag” take over”?
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Volume No. 809
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Date of Publication 20-AUG-2015
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Author(s) **Karmakar, Koushik; Bag, Rabindranath and Singh, Surjeet**
Title Group theoretic approach to rationally extended shape invariant potential
Name of the Journal Crystal Growth & Design
Date of Publication 01-SEP-2015
Name of the Publisher American Chemical Society
DOI 10.1021/acs.cgd.5b00652

Author(s) **Kulkarani, Sulbha**
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Name of the Journal Construction World
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