

Sl. No.	Authors	Author Full Names	Article Title	Source Title	Researcher Ids	ORCIDs	ISSN	eISSN	ISBN	Publication Date	Publication Year	Volume	Issue
1	Ganguly, S; Roy, S; Tapadar, A	Ganguly, Sougata; Roy, Sourov; Tapadar, Ananya	Secluded dark sector and muon (g-2) in the light of fast expanding Universe	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS		Ganguly, Sougata/0000-0002-8742-0870	1475-7516			FEB	2023		2
2	Adhya, S; Lahiri, A; Sanyal, DK	Adhya, Suman; Lahiri, Avishek; Sanyal, Debarshi Kumar	Do Neural Topic Models Really Need Dropout? Analysis of the Effect of Dropout in Topic Modeling	17TH CONFERENCE OF THE EUROPEAN CHAPTER OF THE ASSOCIATION FOR COMPUTATIONAL LINGUISTICS, EAACL 2023	Lahiri, Avishek/HJY-5473-2023				978-1-959429-44-9		2023		
3	Chatterjee, A; Mondal, J; Paul, S; Sharma, H; Goswami, RK; Sen, P	Chatterjee, Akash; Mondal, Joyanta; Paul, Subhojit; Sharma, Himangshu; Goswami, Rajib Kumar; Sen, Prosenjit	Deciphering the Comprehensive Structure-Activity Relationship of Sunshinamide for Breast Cancer Therapy through Dual Modulation of Apoptotic and Ferroptotic Pathways via TrxR1 and Gpx4 Inhibition	JOURNAL OF MEDICINAL CHEMISTRY		Goswami, Dr. Rajib Kumar/0000-0001-7486-0618; Sharma, Himangshu/0000-0002-5599-4140	0022-2623	1520-4804		DEC 12	2024	67	24
4	Ghosh, P; Ghosh, T; Roy, S	Ghosh, Purusottam; Ghosh, Tathagata; Roy, Subhojit	Interplay among gravitational waves, dark matter and collider signals in the singlet scalar extended type-II seesaw model	JOURNAL OF HIGH ENERGY PHYSICS	; Ghosh, Tathagata/I-7687-2018	Roy, Subhojit/0000-0001-6434-5268; Ghosh, Tathagata/0000-0002-8259-0328; GHOSH, PURUSOTTAM/0000-0002-1832-7736	1029-8479			OCT 10	2023		10
5	Raveendran, RN; Chakraborty, S	Raveendran, Rathul Nath; Chakraborty, Sumanta	Distinguishing cosmological models through quantum signatures of primordial perturbations	GENERAL RELATIVITY AND GRAVITATION			0001-7701	1572-9532		MAY	2024	56	5
6	Auddy, SS; Gupta, S; Mandi, S; Sharma, H; Sinha, S; Goswami, RK	Auddy, Sourya Shankar; Gupta, Shalini; Mandi, Subrata; Sharma, Himangshu; Sinha, Surajit; Goswami, Rajib Kumar	Total Synthesis of Lipopeptide Bacilotetrin C: Discovery of Potent Anticancer Congeners Promoting Autophagy	ACS MEDICINAL CHEMISTRY LETTERS	Gupta, Shalini/LIH-6422-2024	Sharma, Himangshu/0000-0002-5599-4140; Goswami, Dr. Rajib Kumar/0000-0001-7486-0618; Gupta, Shalini/0000-0002-3354-6152	1948-5875			JUL 25	2024	15	8
7	Dinda, P; Das, J; Anas, M; Mandal, TK	Dinda, Priyanka; Das, Joy; Anas, Mahammad; Mandal, Tarun K.	Poly(Acryloyl-L-Serine): A Reactive Polypeptide to Introduce Zwitterion and Amphiphilicity for Stimuli-Responsiveness and Gelability	MACROMOLECULES	Anas, Mahammad/KEJ-0504-2024	Anas, Mahammad/0009-0002-2132-3485	0024-9297	1520-5835		FEB 16	2024	57	4
8	Bera, S; Mondal, TK; Su, YK; Saha, SK	Bera, Sumanta; Mondal, Tapas Kumar; Su, Yan-Kuin; Saha, Shyamal Kumar	Sulfur-tuned MoS2 quantum dot decorated Ti3C2Tx (MXene) electrode materials for high performance supercapacitor applications	JOURNAL OF ALLOYS AND COMPOUNDS			0925-8388	1873-4669		MAY 25	2024	985	

9	Pratihari, S; Qasim, M; Sinha, S	Pratihari, Subhamoy; Qasim, Md; Sinha, Surajit	Synthesis of Phosphorodiamidate Morpholino Oligonucleotides (PMOs) Using Staudinger Reduction as a Deblocking Condition and Its Usefulness for Orthogonal Conjugation in Bi- and Trifunctionalized PMOs	SYNLETT			0936-5214	1437-2096		DEC 17	2024	35	20
10	Roy, RS; Ghosh, A; Banerjee, S; Das, AK	Roy, Ria Sinha; Ghosh, Avik; Banerjee, Soumadip; Das, Abhijit K.	Exploring the effect of external dopants on the electrode characteristics of bimetallic sandwich complexes based on the B4N4H8 ligand, M2(B4N4H8)2Ca2 (M = Na and K)	NEW JOURNAL OF CHEMISTRY	Banerjee, Soumadip/JQJ-4811-2023		1144-0546	1369-9261		DEC 11	2023	47	48
11	Pal, AK; Datta, A	Pal, Arun K.; Datta, Ayan	First-principles design of heavy-atom-free singlet oxygen photosensitizers for photodynamic therapy	JOURNAL OF CHEMICAL PHYSICS	Pal, Arun/AAJ-9671-2021	Pal, Arun K./0000-0002-9320-420X	0021-9606	1089-7690		APR 28	2024	160	16
12	Samanta, M; Bhattacharya, I; Chatterjee, P; Mondal, K; Chakraborty, T	Samanta, Monoj; Bhattacharya, Indrani; Chatterjee, Piyali; Mondal, Koushik; Chakraborty, Tapas	Photoisomerization of acetone via Rydberg excitation	JOURNAL OF CHEMICAL SCIENCES	Bhattacharya, Indrani/AAZ-1204-2021; Chatterjee, Piyali/MBH-2962-2025	Mondal, Koushik/0000-0001-7395-4989; Chakraborty, Tapas/0000-0002-5292-3873; Chatterjee, Piyali/0000-0003-3828-5622	0974-3626	0973-7103		MAY 27	2023	135	2
13	Banerjee, S; Ghosh, P; Rath, R; Ghosh, A; Roy, RS; Das, AK	Banerjee, Soumadip; Ghosh, Pritha; Rath, Rama; Ghosh, Avik; Roy, Ria Sinha; Das, Abhijit K.	Theoretical Investigation of Physicochemical Properties, Bioactivity, and Toxicity of Common Anxiety Medications	CHEMISTRYSELECT	Banerjee, Soumadip/JQJ-4811-2023	BANERJEE, Dr. SOUMADIP/0000-0003-4574-3265	2365-6549			DEC	2024	9	45
14	Sharma, H; Paul, S; Goswami, RK	Sharma, Himangshu; Paul, Sujani; Goswami, Rajib Kumar	Stereoselective Synthesis of Polyketide Segments of Nemamide A and Euglenatides D-E	SYNLETT		, Sujani Paul/0009-0000-6035-8715; Sharma, Himangshu/0000-0002-5599-4140; Goswami, Dr. Rajib Kumar/0000-0001-7486-0618	0936-5214	1437-2096		DEC 17	2024	35	20
15	Kolay, S; Chakraborty, S; Pramanik, S; Patra, A	Kolay, Sarita; Chakraborty, Sikta; Pramanik, Susmita; Patra, Amitava	Cumulative Impact of Ligands on the Optical Properties of Ag21 Nanoclusters: Insights into the Relaxation Dynamics	JOURNAL OF PHYSICAL CHEMISTRY C		PATRA, AMITAVA/0000-0002-8996-9015; KOLAY, SARITA/0000-0002-1833-9104; Chakraborty, Sikta/0000-0003-1529-8586	1932-7447	1932-7455		APR 30	2024	128	18
16	Mondal, S; Banerjee, S; Dey, D; Lahiri, H; Mana, T; Jana, SS; Mukhopadhyay, R	Mondal, Sourav; Banerjee, Siddhartha; Dey, Debapriya; Lahiri, Hiya; Mana, Tanushree; Jana, Siddhartha S.; Mukhopadhyay, Rupa	Impact of HMGB1 binding on the structural alterations of platinum drug-treated single dsDNA molecule	BIOCHIMIE	Banerjee, Siddhartha/AAW-4557-2021	Mondal, Sourav/0009-0000-5503-9170; LAHIRI, HIYA/0000-0001-5121-2626	0300-9084	1638-6183		OCT	2023	213	
17	Sarkar, S; Debnath, T; Das, AK	Sarkar, Subhendu; Debnath, Tanay; Das, Abhijit K.	Superalkalis with Hydrogen as Central Electronegative Atom and their Possible Applications: Ab Initio and DFT Study	CHEMISTRY-A EUROPEAN JOURNAL	Debnath, Tanay/AAG-3299-2019	Sarkar, Subhendu/0009-0005-4040-7117	0947-6539	1521-3765		MAY 17	2024	30	28

18	Roy, RS; Ghosh, A; Banerjee, S; Ghosh, S; Das, AK	Roy, Ria Sinha; Ghosh, Avik; Banerjee, Soumadip; Ghosh, Suniti; Das, Abhijit K.	New kind of electride sandwich complexes based on the cyclooctatetraene ligand M12(η 8-C8H8)2M22 (M1 = Na, K and M2 = Ca, Mg): a theoretical study	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	Banerjee, Soumadip/JQJ-4811-2023	BANERJEE, Dr. SOUMADIP/0000-0003-4574-3265	1463-9076	1463-9084		FEB 8	2023	25	6
19	Sarkar, S; Kar, A; Shaw, P; DasGupta, B; Keithellakpam, OS; Mukherjee, PK; Bhardwaj, PK; Sharma, N; Halder, PK; Sinha, S	Sarkar, Sudipta; Kar, Amit; Shaw, Pallab; DasGupta, Barun; Keithellakpam, Ojit Singh; Mukherjee, Pulok Kumar; Bhardwaj, Pardeep K.; Sharma, Nanaocha; Halder, Pallab K.; Sinha, Surajit	Hydroalcoholic root extracts of Houttuynia cordata (Thunb.) standardized by UPLC-Q-TOF-MS/MS promotes apoptosis in human hepatocarcinoma cell HepG2 via GSK-3 β /8-catenin/PDL-1 axis	FITOTERAPIA	Halder, Pallab/HKF-7864-2023; Kar, Amit/ADQ-1751-2022; SHAW, PALLAB/GQH-6277-2022; Sarkar, Sudipta/U-7637-2019	SHAW, PALLAB/0000-0002-0783-9410	0367-326X	1873-6971		DEC	2023	171	
20	Sarkar, S; Debnath, T; Das, AK	Sarkar, Subhendu; Debnath, Tanay; Das, Abhijit K. K.	Designing metal-free organic superalkalis by modifying benzene: a theoretical perspective	THEORETICAL CHEMISTRY ACCOUNTS	Debnath, Tanay/AAG-3299-2019	Debnath, Tanay/0000-0001-8672-1834; Sarkar, Subhendu/0009-0005-4040-7117	1432-881X	1432-2234		JAN	2023	142	1
21	Sharma, H; Paul, S; Ganguly, S; Auddy, SS; Goswami, RK	Sharma, Himangshu; Paul, Sujun; Ganguly, Swapnamoy; Auddy, Sourya Shankar; Goswami, Rajib Kumar	Stereoselective synthesis of the northern hemisphere of the proposed structure of neomycin B	ORGANIC & BIOMOLECULAR CHEMISTRY		Kumar/0000-0001-7486-0618; Ganguly, Swapnamoy/0000-0002-2172-9496; Sharma, Himangshu/0000-0002-5599-4140; , Sujun Paul/0009-0000-6035-8715	1477-0520	1477-0539		SEP 11	2024	22	35
22	Kolay, S; Maity, S; Chakraborty, S; Ghosh, S; Patra, A	Kolay, Sarita; Maity, Subarna; Chakraborty, Sikta; Ghosh, Srijon; Patra, Amitava	Electronegativity of the Substituent on Surface Motifs Influences the Ultrafast Relaxation Dynamics of Ag44(SR)304- Nanoclusters	JOURNAL OF PHYSICAL CHEMISTRY C		0003-1529-8586; PATRA, AMITAVA/0000-0002-8996-9015; Maity, Subarna/0000-0002-7118-3591; Ghosh, Srijon/0000-0002-2056-2532; KOLAY, SARITA/0000-0002-1833-9104	1932-7447	1932-7455		FEB 23	2023	127	7
23	Mondal, J; Guchhait, S; Sharma, H; Goswami, RK	Mondal, Joyanta; Guchhait, Sandip; Sharma, Himangshu; Goswami, Rajib Kumar	Stereoselective Synthesis of Key Skeleton of Mohangic Acids A-E	EUROPEAN JOURNAL OF ORGANIC CHEMISTRY		Goswami, Dr. Rajib Kumar/0000-0001-7486-0618; Sharma, Himangshu/0000-0002-5599-4140	1434-193X	1099-0690		AUG 5	2024	27	29
24	Raveendran, RN	Raveendran, Rathul Nath	Conserved cosmological perturbations in ultraslow-roll inflation and bouncing scenarios	PHYSICAL REVIEW D			2470-0010	2470-0029		FEB 6	2024	109	4
25	Banerjee, S; Ghosh, A; Ghosh, S; Roy, RS; Ash, T; Debnath, T; Das, AK	Banerjee, Soumadip; Ghosh, Avik; Ghosh, Suniti; Roy, Ria Sinha; Ash, Tamalika; Debnath, Tanay; Das, Abhijit K.	Thermodynamics and spectroscopic properties of C2H5CONH2 found in Sagittarius B2(N1)	COMPUTATIONAL AND THEORETICAL CHEMISTRY	Banerjee, Soumadip/JQJ-4811-2023; Ash, Tamalika/JLK-8516-2023; Debnath, Tanay/AAG-3299-2019	Debnath, Tanay/0000-0001-8672-1834; BANERJEE, Dr. SOUMADIP/0000-0003-4574-3265	2210-271X	1872-7999		AUG	2023	1226	
26	Tom, AM; Raveendran, RN	Tom, Anvy Moly; Raveendran, Rathul Nath	Mimicking two field inflationary features with a single field	PHYSICS OF THE DARK UNIVERSE				2212-6864		DEC	2023	42	

27	Sahana, MH; Paul, D; Sharma, H; Goswami, RK	Sahana, Moinul Haque; Paul, Debobrata; Sharma, Himangshu; Goswami, Rajib Kumar	Total Synthesis of Antibacterial Macrolide Sorangiolide A	ORGANIC LETTERS	Paul, Debobrata/LJM-1857-2024	Goswami, Dr. Rajib Kumar/0000-0001-7486-0618; Sharma, Himangshu/0000-0002-5599-4140	1523-7060	1523-7052		OCT 19	2023	25	43
28	Das, P; Ghosh, S; Das, S; Su, YK; Saha, SK	Das, Pratyusha; Ghosh, Shrestha; Das, Suparna; Su, Yan-Kuin; Saha, Shyamal K.	Fine tuning of supercapacitor performance through compositional and morphological engineering of siloxene-polyaniline composites	MATERIALS CHEMISTRY AND PHYSICS		Saha, Shyamal K./0000-0002-6302-9105; Romi, Pratyusha Das/0009-0000-7478-8353	0254-0584	1879-3312		FEB 15	2025	332	
29	Bairagi, D; Ghosh, P; Roy, P; Banerjee, A	Bairagi, Dipayan; Ghosh, Purnadas; Roy, Priyanka; Banerjee, Arindam	Metallogels from Silver Nanoparticles and Peptide Nanofibers as Antimicrobial Surfaces	ACS APPLIED NANO MATERIALS	Banerjee, Arindam/C-6736-2018	Banerjee, Arindam/0000-0002-1309-921X; Roy, Priyanka/0000-0002-4197-8211; GHOSH, PURNADAS/0000-0002-2827-3313; Bairagi, Dipayan/0000-0002-3289-1368		2574-0970		2023 FEB 7	2023		
30	Manna, RN; Onuchic, JN; Jana, B	Manna, Rabindra Nath; Onuchic, Jose N.; Jana, Biman	Road-blocker HSP disease mutation disrupts pre-organization for ATP hydrolysis in kinesin through a second sphere control	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	Manna, Rabindra/AAO-4730-2021	Manna, Rabindra Nath/0000-0001-5518-8985	0027-8424	1091-6490		JAN 3	2023	120	1
31	Jana, RD; Das, A; Samanta, R; Banerjee, S; Paul, S; Paine, TK	Jana, Rahul Dev; Das, Abhishek; Samanta, Rajib; Banerjee, Sridhar; Paul, Satadal; Paine, Tapan Kanti	Stereoelectronic Tuning of Bioinspired Nonheme Iron(IV)-Oxo Species by Amide Groups in Primary and Secondary Coordination Spheres for Selective Oxygenation Reactions	INORGANIC CHEMISTRY	Paul, Satadal/N-7278-2017	Paine, Tapan/0000-0002-4234-1909; Paul, Satadal/0000-0001-6425-0285	0020-1669	1520-510X		OCT 21	2024	63	44
32	Ghosh, AK; Ghosh, A; Das, PK	Ghosh, Anup Kumar; Ghosh, Aparajita; Das, Prasanta Kumar	Nanotechnology Meets Stem Cell Therapy for Treating Glioblastomas: A Review	ACS APPLIED NANO MATERIALS		Ghosh, Anup Kumar/0009-0004-7437-2293		2574-0970		JAN 22	2024	7	3
33	Ghosh, DK; Ghosh, P; Jeesun, S; Srivastava, R	Ghosh, Dilip Kumar; Ghosh, Purusottam; Jeesun, Sk; Srivastava, Rahul	Hubble tension and cosmological imprints of U(1)X gauge symmetry: U(1)B3-3Li as a case study	EUROPEAN PHYSICAL JOURNAL C		GHOSH, PURUSOTTAM/0000-0002-1832-7736	1434-6044	1434-6052		AUG 24	2024	84	8
34	Bhunia, S; Ghatak, A; Rana, A; Dey, A	Bhunia, Sarmistha; Ghatak, Arnab; Rana, Atanu; Dey, Abhishek	Amine Groups in the Second Sphere of Iron Porphyrins Allow for Higher and Selective 4e-/4H+Oxygen Reduction Rates at Lower Overpotentials	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY	Ghatak, Arnab/KOZ-9570-2024; Dey, Abhishek/AAS-3103-2020; Dey, Abhishek/D-2825-2013	Dey, Abhishek/0000-0002-9166-3349; Rana, Atanu/0000-0002-2397-5869; Bhunia, Sarmistha/0000-0002-0629-4228; Ghatak, Arnab/0000-0003-3027-9359	0002-7863	1520-5126		2023 FEB 6	2023		
35	Bain, D; Devi, A; Chakraborty, S; Patra, A	Bain, Dipankar; Devi, Aarti; Chakraborty, Sikta; Patra, Amitava	Cationic Polymer Functionalized Copper Nanocluster-Based Fluorescent Probe for the Selective and Sensitive Detection of S2- Ions	ACS SUSTAINABLE CHEMISTRY & ENGINEERING	Bain, Dipankar/AAJ-3226-2020	PATRA, AMITAVA/0000-0002-8996-9015; BAIN, DIPANKAR/0000-0001-8781-6800; Chakraborty, Sikta/0000-0003-1529-8586	2168-0485			2023 JAN 25	2023		

36	Medda, A; Biswas, R; Dastider, SG; Ghosh, S; Mondal, K; Haldar, KK; Patra, A	Medda, Anusri; Biswas, Rathindranath; Dastider, Saptarshi Ghosh; Ghosh, Soubhik; Mondal, Krishnakanta; Haldar, Krishna Kanta; Patra, Amitava	Heterostructures of 2D Core/Shell Nanoplatelets with 2D MoS ₂ as an Efficient Electrocatalyst for Hydrogen Evolution Reaction	ACS APPLIED ENERGY MATERIALS	Mondal, Krishnakanta/G-6856-2017	Rathindranath/0000-0002-0909-1442; MEDDA, ANUSRI/0000-0002-8682-7396; Haldar, Krishna/0000-0002-0675-8299; PATRA, AMITAVA/0000-0002-8996-9015	2574-0962			NOV 8	2023	6	22
37	Mahapatra, G; Bera, S; Kapuria, A; Debnath, A; Su, YK; Saha, SK	Mahapatra, Gouranga; Bera, Sumanta; Kapuria, Arijit; Debnath, Anup; Su, Yan-Kuin; Saha, Shyamal K.	NdCoO ₃ nanoparticles grown on reduced graphene oxide sheets as an efficient electrocatalyst for hydrogen evolution reaction	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	Debnath, Anup/Y-7978-2019	Debnath, Anup/0000-0002-7308-9902; Saha, Shyamal K./0000-0002-6302-9105	0360-3199	1879-3487		DEC 27	2024	96	
38	Das, P; Mondal, TK; Bera, S; Das, S; Hsu, HL; Su, YK; Saha, SK	Das, Pratyusha; Mondal, Tapas Kumar; Bera, Sumanta; Das, Suparna; Hsu, Hao-Lin; Su, Yan-Kuin; Saha, Shyamal K.	Facile in-situ growth of spore-like silica on layered MXene sheets for potential application in Supercapacitor	ELECTROCHIMICA ACTA	Hsu, Hao-Lin/AAE-7652-2022	Bera, Sumanta/0000-0003-3005-6390; Hsu (su), Hao-Lin (hao lin)/0000-0001-5939-8103; Romi, Pratyusha Das/0009-0000-7478-8353	0013-4686	1873-3859		OCT 10	2023	465	
39	Dey, S; Pal, AK; Upadhyay, M; Datta, A; Ray, D	Dey, Suvendu; Pal, Arun K; Upadhyay, Manoj; Datta, Ayan; Ray, Debdas	Modulation of Delayed Fluorescence Guided by Conformational Effect-Mediated Thermally Enhanced Phosphorescence in Phenothiazines-Quinoline-Cl Conjugates	JOURNAL OF PHYSICAL CHEMISTRY B	Upadhyay, Manoj/LQJ-3437-2024; Pal, Arun/AAV-9671-2021; Dey, Suvendu/KPA-0820-2024	Pal, Arun K./0000-0002-9320-420X; Upadhyay, Manoj/0000-0002-8640-0018	1520-6106	1520-5207		NOV 1	2023	127	45
40	Hansda, B; Mondal, B; Hazra, S; Banerjee, A	Hansda, Biswanath; Mondal, Biplob; Hazra, Soumyajit; Banerjee, Arindam	Metal ion-induced assembly of dipeptide-attached peryleneimide for fluorometric turn on detection of biologically important small molecule	JOURNAL OF PEPTIDE SCIENCE	Banerjee, Arindam/C-6736-2018	Banerjee, Arindam/0000-0002-1309-921X	1075-2617	1099-1387		OCT	2023	29	10
41	Tripathy, S; Raveendran, RN; Parattu, K; Sriramkumar, L	Tripathy, Sagatika; Raveendran, Rathul Nath; Parattu, Krishnamohan; Sriramkumar, L	Amplifying quantum discord during inflationary magnetogenesis through violation of parity	PHYSICAL REVIEW D	Parattu, Krishna Mohan/ADP-5296-2022	Krishnamohan/0000-0002-2735-3581; Raveendran, Rathul Nath/0000-0002-1083-934X; Sriramkumar, L/0000-0003-1168-990X; Tripathy, Sagatika/0000-0001-8927-3969	2470-0010	2470-0029		DEC 7	2023	108	12
42	Dhivar, S; Jana, B	Dhivar, Saikat; Jana, Biman	Optimized Collective Variable for Collapse Transition in Linear Hydrophobic Polymers: Importance of Hydration Water and End-to-End Distance	JOURNAL OF CHEMICAL THEORY AND COMPUTATION			1549-9618	1549-9626		AUG 27	2024	20	17
43	Paul, S; Barman, S; Datta, A	Paul, Swadesh; Barman, Shubhankar; Datta, Anuja	Zn-based oxide perovskite nanocomposites for energy and sensing applications	JOURNAL OF MATERIALS SCIENCE	Barman, Shubhankar/KWU-7107-2024	Datta, Anuja/0000-0002-4411-8639; Barman, Shubhankar/0000-0002-6362-9514	0022-2461	1573-4803		OCT	2024	59	38
44	Sah, MK; Naskar, K; Adhikari, S; Smits, B; Meyer, J; Somers, MF	Sah, Mantu Kumar; Naskar, Koushik; Adhikari, Satrajit; Smits, Bauke; Meyer, Joerg; Somers, Mark F.	On the quantum dynamical treatment of surface vibrational modes for reactive scattering of H ₂ from Cu(111) at 925 K	JOURNAL OF CHEMICAL PHYSICS	Adhikari, Satrajit/M-2552-2016; Meyer, Joerg/E-7638-2012	1466-998X; somers, mark/0009-0004-4101-7789; ADHIKARI, SATRAJIT/0000-0002-2462-4892; Meyer, Joerg/0000-0003-0146-730X; Sah, Mantu Kumar/0009-0004-4406-	0021-9606	1089-7690		JUL 7	2024	161	1

45	Babu, KS; Chakdar, S; Das, N; Ghosh, DK; Ghosh, P	Babu, K S.; Chakdar, Shreyashi; Das, Nandini; Ghosh, Dilip Kumar; Ghosh, Purusottam	FIMP dark matter from flavon portals	JOURNAL OF HIGH ENERGY PHYSICS		GHOSH, PURUSOTTAM/0000-0002-1832-7736	1029-8479			JUL 18	2023		7
46	Debnath, A; Mondal, T; Mahapatra, G; Kapuria, A; Saha, SK	Debnath, Anup; Mondal, Tuhina; Mahapatra, Gouranga; Kapuria, Arijit; Saha, Shyamal K.	Observation of ferrimagnetic ordering in chemically synthesized 2D Cr2S3 nanosheets	JOURNAL OF APPLIED PHYSICS	; Debnath, Anup/Y-7978-2019	Saha, Shyamal K./0000-0002-6302-9105; Debnath, Anup/0000-0002-7308-9902; Mahapatra, Gouranga/0009-0002-6820-3827	0021-8979	1089-7550		APR 21	2023	133	15
47	Bhattacharya, S; Ghosh, P; Lahiri, J; Mukhopadhyaya, B	Bhattacharya, Subhaditya; Ghosh, Purusottam; Lahiri, Jayita; Mukhopadhyaya, Biswarup	Mono-X signal and two component dark matter: New distinction criteria	PHYSICAL REVIEW D		GHOSH, PURUSOTTAM/0000-0002-1832-7736	2470-0010	2470-0029		DEC 14	2023	108	11
48	Bera, S; Bhattacharya, S	Bera, Sayan; Bhattacharya, Santanu	Enhanced circularly polarized luminescence attained via self-assembly of heterochiral as opposed to homochiral dipeptides in water	CHEMICAL SCIENCE	Bhattacharya, Santanu/N-6531-2019; Bhattacharya, Santanu/E-9739-2010	, Dr. Umesh/0000-0001-5784-0615; Bhattacharya, Santanu/0000-0001-9040-8971	2041-6520	2041-6539		AUG 28	2024	15	34
49	Mondal, TK; Kapuria, A; Miah, M; Saha, SK	Mondal, Tapas Kumar; Kapuria, Arijit; Miah, Milon; Saha, Shyamal K.	Solubility tuning of alkyl amine functionalized carbon quantum dots for selective detection of nitroexplosive	CARBON	Miah, Dr. Milon/AAY-1793-2020	Saha, Shyamal K./0000-0002-6302-9105; Miah, Milon/0000-0002-3705-2512	0008-6223	1873-3891		JUN 5	2023	209	
50	Mukherjee, S; Naskar, K; Hazra, S; Sah, MK; Adhikari, S	Mukherjee, Soumya; Naskar, Koushik; Hazra, Saikat; Sah, Mantu Kumar; Adhikari, Satrajit	Beyond Born-Oppenheimer Treatment for Multi-State Photoelectron Spectra, Phase Transitions of Solids and Scattering Processes	XXVTH INTERNATIONAL SYMPOSIUM ON THE JAHN-TELLER EFFECT AND RELATED PHENOMENA, XXV-JAHN-TELLER	Adhikari, Satrajit/M-2552-2016		1742-6588	1742-6596			2024	2769	

