

**Galgotias University (Campus-1)**

**Journal Paper (2022-23)**

S.No.	Author(s)	Title	Journal and Publisher Name	Volume, Issue, ISSN, Page No, Year of Publication	Indexing (SCIE/ SSCI/ AHCI/ESCI/ Scopus)	Impact Factor	Department	DOI (in the form of the link)
1	Chiranjib Chakraborty, Manojit Bhattacharya, Ashish Ranjan Sharma, Bidyut Mallik	Omicron (B. 1.1. 529)-A new heavily mutated variant: Mapped location and probable properties of its mutations with an emphasis on S-glycoprotein	International Journal of Biological Macromolecules, Elsevier	219, 1879-0003, 980-997, 2022	SCIE	8.2	AS&H	<a href="https://doi.org/10.1016/j.ijbiomac.2022.07.254">https://doi.org/10.1016/j.ijbiomac.2022.07.254</a>
2	Manojit Bhattacharya, Srijan Chatterjee, Bidyut Mallik, Ashish Ranjan Sharma, Chiranjib Chakraborty	Therapeutic role of neutralizing antibody for the treatment against SARS-CoV-2 and its emerging variants: a clinical and pre-clinical perspective	Vaccines, MDPI	10, 10, 2076-393X, 1612:1-28, 2022	SCIE	7.8	AS&H	<a href="https://doi.org/10.3390/vaccines10101612">https://doi.org/10.3390/vaccines10101612</a>
3	Razan A. Alshgari, Sarat Chandra Prasad, Bipin Kumar Srivastava, Mohammed Saleh Al Ansari, Parul Gupta, Sivakumar, Saikh Mohammad Wabaidur, Ataul Islam, and Abdi Diriba	Mechanical Evaluation on Carbon/Basalt Fiber-Reinforced Hybrid Polymer Matrix Composite	Hindawi, Advances in Polymer Technology	Volume 2022, ISSN 2063-5346, Article ID 7742349, 1-9, 2022	SCIE	2.389	AS&H	<a href="https://doi.org/10.1155/2022/7742349">https://doi.org/10.1155/2022/7742349</a>
4	Harishchander Anandaram, Bipin Kumar Srivastava, B. Vijayakumar, P. Madhu, Melvin Victor Depoures, Pravin P. Patil, Sarika Chhabria, Praveen Bhai Patel, S. Prabhakar,	Co-pyrolysis Characteristics and Synergistic Interaction of Waste Polyethylene Terephthalate and Woody Biomass towards Bio-Oil Productio	<u>Hindawi, Journal of Chemistry</u>	Volume 2022, ISSN 2063-5346, Article ID 3699076, 2022	SCIE	2.389	AS&H	<a href="https://doi.org/10.1155/2022/3699076">https://doi.org/10.1155/2022/3699076</a>
5	Shreya Singh, Rahul Garg, Atanu Jana, Chinna Bathula, Soniya Naik, Mona Mittal	Current developments in nanostructurally engineered metal oxide for removal of contaminants in water	Ceramic Internationals, Elsevier	49, 5, 7308-7321, 2022	SCIE	5.2	AS&H	<a href="https://doi.org/10.1016/j.ceramint.2022.10.183">https://doi.org/10.1016/j.ceramint.2022.10.183</a>
6	Harshdeep Kaur, Rahul Garg, Sajan Singh, Atanu Jana, Chinna Bathula, Hyun-Seok Kim, Sangamesh G Kumbar, Mona Mittal	Progress and challenges of graphene and its congeners for biomedical applications: Drug delivery, gene delivery, biosensing, bioimaging, and tissue engineering	Journal of Molecular Liquids and Elsevier	368, 120703, 2023	SCIE	6	AS&H	<a href="https://doi.org/10.1016/j.molliq.2022.120703">https://doi.org/10.1016/j.molliq.2022.120703</a>

7	Preeti Shrivastava, Lalit Kumer Gupta, Rajendra Prasad, A. J. Khan, G. K. Goswami, Anil Kumar Yadav	Modeling of Bianchi type I accelerating Universe in Lyra's manifold	International Journal of Geometric Methods in Modern Physics, World Scientific, Singapore	vol.19 Issue 12(2250197) ISSN 0219-8878 Page No 1-18, 2022	SCIE	1.874	AS&H	<a href="https://doi.org/10.1142/S0219887822501973">https://doi.org/10.1142/S0219887822501973</a>
8	Ahmad Umar, Pooja Tiwari, Sadanand*, Vaibhava Srivastava, Pooja Lohia, Dilip Kumar Dwivedi, Hussam Qasem, Sheikh Akbar, Hassan Algadi, and Sotirios Baskoutas.	Modeling and Simulation of Tin Sulfide (SnS)-Based Solar Cell Using ZnO as Transparent Conductive Oxide (TCO) and NiO as Hole Transport Layer (HTL)."	Micromachine, MDPI Publishing	13, 12, 2072-666X, 2506-2515, 2022	SCIE	3.52	AS&H	<a href="https://doi.org/10.3390/nano12142506">https://doi.org/10.3390/nano12142506</a>
9	Sadanand *, Ahmad Umar, Pravin Kumar Singh, D. K. Dwivedi Hassan Algadi, Ahmed A. Ibrahim, Mohsen A. M. Alhamami, Sotirios Baskoutas,	High power-conversion efficiency of lead-free perovskite solar cells: A theoretical investigation	Micromachine, MDPI Publishing	13, 12, 2201-2213, 2072-666X, 2022	SCIE	3.52	AS&H	<a href="https://doi.org/10.3390/mi13122201">https://doi.org/10.3390/mi13122201</a>
10	Ahmad Umar, P. K. Singh, Sadanand, D. K. Dwivedi, Ahmed A. Ibrahim, Mohsen A. M. Alhamami, Hussam Qasem, Sheikh Akbar, and S. Baskoutas	"Design and Simulation of Lead-Free Perovskite Solar Cells with a Hole Transport Layer Made of NiO Nanocomposite	Science of Advanced Materials, American Scientific Publishers	14, 9, 1511-1517, 1947-2935, 2022	SCIE	1.47	AS&H	<a href="https://doi.org/10.1166/sam.2022.4368">https://doi.org/10.1166/sam.2022.4368</a>
11	Umar, Ahmad, Yadav, Vaishali, Srivastava, Vaibhava ; Sadanand ; Lohia, Pooja ; Dwivedi, D. K. ; Ibrahim, Ahmed A.; Alhamami, Mohsen A. M.; Qasem, Hussam; Akbar, Sheikh	Simulation of Efficient Lead Sulfide Colloidal Quantum Dot Solar Cell using Spiro-OMeTAD as Hole Transport Layer	Science of Advanced Materials, American Scientific Publishers	14, 11, 1741-1749, 2022	SCIE	1.47	AS&H	<a href="https://doi.org/10.1166/sam.2022.4377">https://doi.org/10.1166/sam.2022.4377</a>
12	Ahmad Umar, P. Srivastava, Sadanand, Shambhavi Rai, Pooja Lohia, Dilip Kumar Dwivedi, Hassan Algadi, and Sotirios Baskoutas.	High-performance lead-free perovskite solar cell: a theoretical study	Emerging Research Materials, ICE Publishing	12, 1, 92-99, 2046-0147, 2023	SCIE	1.096	AS&H	<a href="https://doi.org/10.1680/jemmr.22.00129">https://doi.org/10.1680/jemmr.22.00129</a>
13	Naureen, Sadanand*, Shambhavi Rai, R.K.Yadav, Pooja Lohia, D.K. Dwivedi	A Simulation Study of Quantum Dot Solar Cells Using Two Distinct ETL of WO3 and WS2	Optical and Quantum Electronics, Springer	55, NA, 541-549, 1572-817x, 2023	SCIE	2.84	AS&H	<a href="https://doi.org/10.1007/s11082-023-04809-6">https://doi.org/10.1007/s11082-023-04809-6</a>

14	Ahmad Umar, Vaishali Yadav, Vaibhava Srivastava, Sadanand, Pooja Lohia, D.K. Dwivedi, Ahmed A. Ibrahim, Sheikh Akbar, Hussam Qasim, Sotirios Baskoutas	Optimizing quantum dot solar cells: exploring defect density effects with PTAA HTL layer simulation using SCAPS-1D	Emerging Research Materials, ICE Publishing	12, 3, 1-9, 2046-0147, 2023	SCIE	1.096	AS&H	<a href="https://doi.org/10.1680/jemmr.22.00130">https://doi.org/10.1680/jemmr.22.00130</a>
15	Singh, J., Singh, S., Srivastava, V., Sadanand, S., Yadav, R., Lohia, P. and Dwivedi, D.K.	Performance enhancement of PbS-TBAI quantum dot solar cell with MoTe2 as hole transport layer.	Physica Status Solidi (A), Wiley	220, 15 , 2023	SCIE	3.08	AS&H	<a href="https://doi.org/10.1002/pssa.202300275">https://doi.org/10.1002/pssa.202300275</a>
16	P. Chauhan, S. Agarwal, V. Srivastava, Sadanand, M. K. Hossain, R. Pandey, J. Madan, P. Lohia, D.K. Dwivedi and M. Amami.	Kesterite CZTS based thin film solar cell: Generation, recombination, and performance analysis Kesterite CZTS based thin film solar cell: Generation, recombination, and performance analysis	Journal of Physics and Chemistry of Solids, Elsevier	14,11, 1741-1749, 0022-3697, 2023	SCIE	4	AS&H	<a href="https://doi.org/10.1016/j.jpcs.2023.111631">https://doi.org/10.1016/j.jpcs.2023.111631</a>
17	Shibani Navasakthi, Anuvash Pandey, Rahul Dandautiya, Murtaza Hasan, Mohammad Amir Khan, Kahkashan Perveen, Shamshad Alam, Rajni Garg, Obaid Qamar	Assessment of Spatial and Temporal Variation in Water Quality	Water, MDPI	Vol. 15, Issue 17, ISSN: 2073-4441, Page no. 3076, year: 2023	SCIE	3.4	AS&H	<a href="https://doi.org/10.3390/w15173076">https://doi.org/10.3390/w15173076</a>
18	Okon Eddy, Nnabuk, Anduang O. Odiogenyi, Eno E. Ebinso, Rajni Garg, and Rishav Garg	Plant Wastes as Alternative Sources of Sustainable and Green Corrosion Inhibitors in Different Environments	Corrosion Engineering, Science and Technology, Taylor and Francis	Vol. 58, Issue 5, ISSN: 1743-2782, Page no. 521-533, Year 2023	SCIE	1.8	AS&H	<a href="https://doi.org/10.1080/1478422X.2023.2204260">https://doi.org/10.1080/1478422X.2023.2204260</a>
19	N. O. Eddy, Rajni Garg, Rishav Garg, Samson I. Eze, Emeka Chima Ogoko, Henrietta Ijeoma Kelle, Richard Alexis Ukpe, Raphael Ogbodo, Favour Chijoke	Sol-Gel Synthesis, Computational Chemistry, and Applications of CaO Nanoparticles for the Remediation of Methyl Orange Contaminated Water	Advances in Nano Research: Techno press journals	Vol. 15, Issue 1, ISSN: 2287-2388, Page No. 35-48, Year: 2023	SCIE	5.7	AS&H	<a href="https://doi.org/10.12989/anr.2023.15.1.035">https://doi.org/10.12989/anr.2023.15.1.035</a>
20	Steven A Odoemelam, Esther O Oji, Nnabuk Okon Eddy, Rajni Garg, Rishav Garg, Saiful Islam, Mohammad Amir Khan, Nadeem A Khan, Sasan Zahmatkesh	Zinc Oxide Nanoparticles Adsorb Emerging Pollutants ( Glyphosate Pesticide ) from Aqueous Solutions	Environmental Monitoring and Assessment, Springer	Vol. 195, ISSN: 1573-2959 , Year: 2023	SCIE	3	AS&H	<a href="https://doi.org/10.1007/s10661-023-11255-0">https://doi.org/10.1007/s10661-023-11255-0</a>

21	Eddy, Nnabuk Okon, Anduang Ofuo Odiongenyi, Rajni Garg, Richard Alexis Ukpe, Rishav Garg, Ahmed El Nemr, Comfort Michael Ngwu, and Imeh Josph Okop	Quantum and Experimental Investigation of the Application of Crassostrea Gasar (Mangrove Oyster) Shell-Based CaO Nanoparticles as Adsorbent and Photocatalyst for the Removal of Procaine Penicillin from Aqueous Solution	Environmental Science and Pollution Research, Springer	Vol. 30, ISSN: 1614-7498, Page No. 64036–64057, Year: 2023	SCIE	5.8	AS&H	<a href="https://doi.org/10.1007/s11356-023-26868-8">https://doi.org/10.1007/s11356-023-26868-8</a>
22	Garg, Rishav, Rajni Garg, Nnabuk Okon Eddy, Mohd Amir Khan, Afzal Husain Khan, Thamer Alomayri, and Parveen Berwal	Mechanical Strength and Durability Analysis of Mortars Prepared with Fly Ash and Nano-Metakaolin	Case Studies in Construction Materials, Elsevier	Vol. 8, ISSN: 2214-5095, Year: 2023	SCIE	6.2	AS&H	<a href="https://doi.org/10.1016/j.cscm.2022.e01796">https://doi.org/10.1016/j.cscm.2022.e01796</a>
23	Garg, Rajni, Rishav Garg, Mika Sillanpää, Alimuddin, Mohammad Amir Khan, Nabisab Mujawar Mubarak, and Yie Hua Tan	Rapid Adsorptive Removal of Chromium from Wastewater Using Walnut-Derived Biosorbents	Scientific Reports, Springer Nature	Vol. 13, ISSN: 2045-2322, Year: 2023	SCIE	4.6	AS&H	<a href="https://doi.org/10.1038/s41598-023-33843-3">https://doi.org/10.1038/s41598-023-33843-3</a>
24	P Sivamurugan, M. Mareeswaran, S. A. Muhammed Abraar, Savita Verma, Neha Verma, Bipin Kumar Srivastava, D. Vinay Kumar, I. S. Chakrapani, B. Ramesh	<u>Development of thermally reduced corn stover biochar and its satin weaved sisal-reinforced vinyl ester composites</u>	Biomass Conversion and Biorefinery, Springer,	1-9, 2023, ISSN:21906815, 21906823	SCIE	4.05	AS&H	<a href="https://doi.org/10.1007/s13399-023-04273-y">https://doi.org/10.1007/s13399-023-04273-y</a>
25	SS Nagane, DM Maher, S Verma, AA Talanikar, PP Wadgaonkar	Pendant propargyloxy-functionalized aromatic (co)polycarbonates: synthesis, thermal crosslinking and chemical modification.	Journal of Macromolecular Science, Part A, Taylor and Francis	59, 11, 752-763, 2022, ISSN:1520-5738	SCIE	2.216	AS&H	<a href="https://doi.org/10.1080/10601325.2022.2117055">https://doi.org/10.1080/10601325.2022.2117055</a>
26	RP MD Gift, S Verma, K Prasad, K Kathiresan	Green Catalytic Pyrolysis: An Eco-friendly route for the production of fuels and chemicals by blending oil industry waste furniture wood.	Journal of Nanomaterials, Hindawi	1-9, 2022, ISSN: 16874110, 16874129	SCIE	3.791	AS&H	<a href="https://doi.org/10.1155/2022/9381646">https://doi.org/10.1155/2022/9381646</a>
27	Manju Kashyap & S. Pratap Singh	Novel Solution for Time-fractional Klein-Gordon Equation with Different Applications	International Journal of Mathematical, Engineering and Management Sciences (IJMEMS), Ram Arti Publishers, India	9,3, 537-546, 2023	SCOPUS	1.6	AS&H	<a href="https://doi.org/10.33889/IJMEMS.2023.8.3.030">https://doi.org/10.33889/IJMEMS.2023.8.3.030</a>

28	Sajan Singh, Labeesh Kumar, Andriy Horechyy, Olha Aftenieva, Mona Mittal, Sunita Sanwaria, Rajiv K Srivastava, Tobias AF König, Andreas Fery, Bhanu Nandan	Block Copolymer-Templated Au@ CdSe Core-Satellite Nanostructures with Solvent-Dependent Optical Properties	Langmuir, American Chemical Society	39, 17, 6231–6239, 2023	WOS	3.9	AS&H	<a href="https://doi.org/10.1021/acs.langmuir.3c00479">https://doi.org/10.1021/acs.langmuir.3c00479</a>
29	Kushwaha A., Dwivedi Smriti* and Prasad R.L	“Vibrational studies of 2,3,5,6-tetrachloro-1,4- benzoquinone and its reactivity: An ab-initio computational method”	Res. J. Chem. Environ	27,4,89-100	SCOPUS	0.264	AS&H	<a href="https://doi.org/10.25303/2704rjce0890100">https://doi.org/10.25303/2704rjce0890100</a>
30	Dr. P. Muthu Pandian, Dr. Santosh Karajgi , Dr. Prashant B Thakare , Dr. Amit Kumar Rawat , Dr. Bipin Kumar Srivastava , Dr. Mallepally Mamatha , Dr Shalini Sharma.	CHALLENGES AND IMPACT OF GREEN CHEMISTRY CONCEPTS ON SUSTAINABLE ENVIRONMENTAL DEVELOPMENT.	European Chemical Bulletin	Volume12(Special Issue 1, Part-B2023,),ISSN 2063-5346, 1923-1937,2023	SCOPUS	No	AS&H	DOI:10.31838/ecb/2023.12.s1-B.190
31	Dr. Tasneem K.H. Khan, Dr. Bipin Kumar Srivastava, Santosh Pralhad Jengathe, Julio Andrade-Collahuazo, Abdulfatah Abdullah Abdu Saifan, Dr. Swati Chaudhary	IMPACT AND ROLE OF GREEN CHEMISTRY; SUSTAINABILITY AN INNOVATIVE APPROACH	European Chemical Bulletin	Volume -12, Special Issue-4 (2023 ),,ISSN 2063-5346,2023	SCOPUS	No	AS&H	doi: <a href="https://doi.org/10.48047/ecb/2023.12.si4.698">10.48047/ecb/2023.12.si4.698</a>
32	Rajiv Kumar,Satish Kumar,Mukesh Kumar,Dushyant Kumar	AN OVERVIEW ON INTEGERS OF THE FORM $6^n+1$	SCIREA,Journal of Mathematics	Volume 8, Issue 3, June 2023	NO	NO	AS&H	<a href="https://doi.org/10.54647/mathematics110403">10.54647/mathematics110403</a>
33	Mr. Aakash Sharma	Representation of Disability – A Space of One’s	Lapis Lazuli- An	Vol. 1, Issue 11, Pg 21, 2023, ISSN-0974-536X	NO	NO	AS&HUM	<a href="https://doi.org/10.56062/gtrs.2023.1.11.210">https://doi.org/10.56062/gtrs.2023.1.11.210</a>
34	Mr. Aakash Sharma	The Generational Question in A Raisin in the	Creative Saplings Peer-reviewed (refereed) Journal	Vol. 1, Issue 11, Pg 21, 2023, ISSN-0974-536X	NO	NO	AS&HUM	<a href="http://pintersociety.com/wp-content/uploads/2022/09/Aakash-Sharma.pdf">http://pintersociety.com/wp-content/uploads/2022/09/Aakash-Sharma.pdf</a>

35	Dr. R.N. MAHTO	The Significance of Elementary English Pedagogy at School Level in Uttar Pradesh	“INTERNATIONAL JOURNAL OF ENGLISH LANGUAGE, LITERATURE AND TRANSLATION	Vol13 2395-2628,8-23,2023	NO	NO	AS&HUM	<a href="https://drive.google.com/file/d/1hgpIvLEXSCVIZkvDiv-9EHPdLtDG5G3C/view?usp=drive_link">https://drive.google.com/file/d/1hgpIvLEXSCVIZkvDiv-9EHPdLtDG5G3C/view?usp=drive_link</a>
36	Okon Eddy, Nnabuk, Anduang O. Odiongenyi, Eno E. Ebenso, Rajni Garg, and Rishav Garg	Plant Wastes as Alternative Sources of Sustainable and Green Corrosion Inhibitors in Different Environments	Corrosion Engineering, Science and Technology, Taylor and Francis	Vol. 58, Issue 5, ISSN: 1743-2782, Page no. 521-533, Year 2023	SCIE	1.8	CE	<a href="https://doi.org/10.1080/1478422X.2023.2204260">https://doi.org/10.1080/1478422X.2023.2204260</a>
37	N. O. Eddy, Rajni Garg, Rishav Garg, Samson I. Eze, Emeka Chima Ogoko, Henrietta Ijeoma Kelle, Richard Alexis Ukpe, Raphael Ogbodo, Favour Chijoke	Sol-Gel Synthesis, Computational Chemistry, and Applications of CaO Nanoparticles for the Remediation of Methyl Orange Contaminated Water	Advances in Nano Research: Techno press journals	Vol. 15, Issue 1, ISSN: 2287-2388, Page No. 35-48, Year: 2023	SCIE	5.7	CE	<a href="https://doi.org/10.12989/anr.2023.15.1.035">https://doi.org/10.12989/anr.2023.15.1.035</a>
38	Steven A Odoemelam, Esther O Oji, Nnabuk Okon Eddy, Rajni Garg, Rishav Garg, Saiful Islam, Mohammad Amir Khan, Nadeem A Khan, Sasan Zahmatkesh	Zinc Oxide Nanoparticles Adsorb Emerging Pollutants ( Glyphosate Pesticide ) from Aqueous Solutions	Environmental Monitoring and Assessment, Springer	Vol. 195, ISSN: 1573-2959 , Year: 2023	SCIE	3	CE	<a href="https://doi.org/10.1007/s10661-023-11255-0">https://doi.org/10.1007/s10661-023-11255-0</a> .
39	Eddy, Nnabuk Okon, Anduang Ofuo Odiongenyi, Rajni Garg, Richard Alexis Ukpe, Rishav Garg, Ahmed El Nemr, Comfort Michael Ngwu, and Imeh Jospeh Okop	Quantum and Experimental Investigation of the Application of Crassostrea Gasar (Mangrove Oyster) Shell-Based CaO Nanoparticles as Adsorbent and Photocatalyst for the Removal of Procaine Penicillin from Aqueous Solution	Environmental Science and Pollution Research, Springer	Vol. 30, ISSN: 1614-7498, Page No. 64036–64057, Year: 2023	SCIE	5.8	CE	<a href="https://doi.org/10.1007/s11356-023-26868-8">https://doi.org/10.1007/s11356-023-26868-8</a>
40	Garg, Rishav, Rajni Garg, Nnabuk Okon Eddy, Mohd Amir Khan, Afzal Husain Khan, Thamer Alomayri, and Parveen Berwal	Mechanical Strength and Durability Analysis of Mortars Prepared with Fly Ash and Nano-Metakaolin	Case Studies in Construction Materials, Elsevier	Vol. 8, ISSN: 2214-5095, Year: 2023	SCIE	6.2	CE	<a href="https://doi.org/10.1016/j.cscm.2022.e01796">https://doi.org/10.1016/j.cscm.2022.e01796</a>
41	Garg, Rajni, Rishav Garg, Mika Sillanpää, Alimuddin, Mohammad Amir Khan, Nabisab Mujawar Mubarak, and Yie Hua Tan	Rapid Adsorptive Removal of Chromium from Wastewater Using Walnut-Derived Biosorbents	Scientific Reports, Springer Nature	Vol. 13, ISSN: 2045-2322, Year: 2023	SCIE	4.6	CE	<a href="https://doi.org/10.1038/s41598-023-33843-3">https://doi.org/10.1038/s41598-023-33843-3</a>

42	Rishav Garg, Rajni Garg, Md. Amir Khan, Manjeet Bansal and Vinod Garg	Utilization of biosynthesized silica-supported iron oxide nanocomposites for the adsorptive removal of heavy metal ions from aqueous solutions	Environmental Science and Pollution Research, Springer	Vol. 30, ISSN: 1614-7498, Page No. 81319–81332, Year: 2023	SCIE	5.8	CE	<a href="https://doi.org/10.1007/s11356-022-21111-2">https://doi.org/10.1007/s11356-022-21111-2</a>
43	Rishav Garg, Rajni Garg, Nnabuk Okon Eddy	Microbial Induced Calcite Precipitation for Self-Healing of Concrete: A Review	Journal of Sustainable Cement-Based Materials, Taylor and Francis	Vol. 12, Issue: 3, ISSN: 1614-7498, Page No. 317-330, Year: 2023	SCIE	4.4	CE	<a href="https://doi.org/10.1080/21650373.2022.2054477">https://doi.org/10.1080/21650373.2022.2054477</a>
44	Nnabuk Okon Eddy, Richard Alexis Ukpe, Paul Ameh, Rapheal Ogbodo, Rajni Garg & Rishav Garg	Theoretical and experimental studies on photocatalytic removal of methylene blue (MetB) from aqueous solution using oyster shell synthesized CaO nanoparticles (CaONPO)	Environmental Science and Pollution Research, Springer	Vol. 30, ISSN: 1614-7498, Page No.81417–81432, Year: 2023	SCIE	5.8	CE	<a href="https://doi.org/10.1007/s11356-022-22747-w">https://doi.org/10.1007/s11356-022-22747-w</a>
45	Savita Rani, Seema Sharma, Manjeet Bansal, Rishav Garg and Rajni Garg	Enhanced Zn(II) adsorption by chemically modified sawdust based biosorbents	Environmental Science and Pollution Research, Springer	ISSN: 1614-7498, Year: 2022	SCIE	5.8	CE	<a href="https://doi.org/10.1007/s11356-022-22963-4">https://doi.org/10.1007/s11356-022-22963-4</a>
46	Kalra, M.M., Lodhi, P.K., Agrahari, S., Yadav, S., Gupta, S. and Maurya, V.K.,	USE OF WASTE TYRE IN ROAD CONSTRUCTION	European Chemical Bulletin 2023	12(Special Issue 4), 14163-14181	Scopus		CE	doi:10.48047/ecb/2023.12.si4.1283
47	Singh V, Patel S, Singh R, Anand N, Singh R, Kalra M.	Concrete Made by Byproduct Materials.	European Chemical Bulletin 2023	12(Special Issue 4), 14146-14154	Scopus		CE	doi:10.48047/ecb/2023.12.si4.1282
48	VERMA U, PATHAK S, RANJAN S, VERMA S, GUPTA RR, KALRA M.	GROUND IMPROVEMENT USING INDUSTRIAL WASTE	European Chemical Bulletin 2023	12(Special Issue 4), 14116-14123	Scopus		CE	doi: 10.48047/ecb/2023.12.si4.1279

49	Zende AA, Momin AI, Khadiranaikar RB, Alsabhan AH, Alam S, Khan MA, Qamar MO	Mechanical Properties of High-Strength Self-Compacting Concrete	ACS Omega		SCIE	4.1	CE	<a href="https://doi.org/10.1021/acsomega.3c01220">https://doi.org/10.1021/acsomega.3c01220</a> 4
50	Momin AI, Zende AA, Khadiranaikar RB, Alsabhan AH, Alam S, Khan MA, Qamar MO.	Investigating the Flexural Behavior of a Two-Span High-Performance Concrete Beam Using Experimentally Derived Stress Block Parameters	ACS Omega		SCIE	4.1	CE	<a href="https://pubs.acs.org/doi/10.1021/acsomega.3c01197">https://pubs.acs.org/doi/10.1021/acsomega.3c01197</a>
51	Verma D, Berwal P, Khan MA, Alharbi RS, Alfaisal FM, Rathnayake U.	Design for the Prediction of Peak Outflow of Embankment Breaching Due to Overtopping by Regression Technique and Modelling	Water	15(6)	SCIE	3.4	CE	<a href="https://doi.org/10.3390/w15061224">https://doi.org/10.3390/w15061224</a>
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125	Manoj Saini, Shagufta Khan, Rajeev Gupta, Shivani Singh, Pooja Upadhyay, Shivangi Soni	Problems and analysis directions in smart grid technology and their potential solutions	International Journal of Applied Power Engineering (IJAPE)	Vol. 10, ISSN 2252-8792, P 207-216, 2022	SCOPUS		EE	<a href="https://doi.org/10.11591/ijape.v10.i3.pp207-216">10.11591/ijape.v10.i3.pp207-216</a>

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