

CURRICULUM-VITAE

Dr. Anil Ohlan

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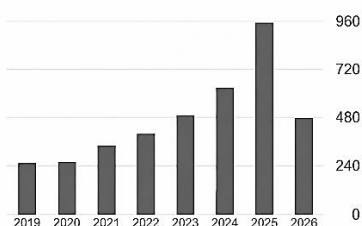
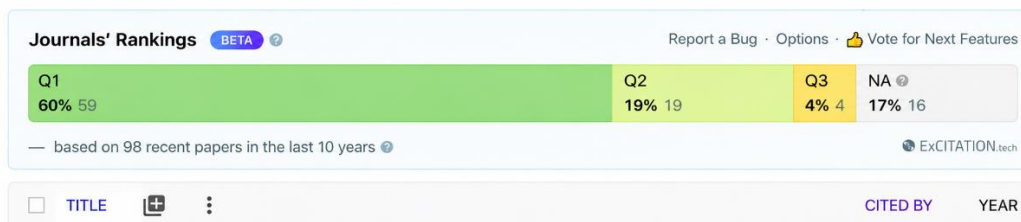
[Conjugated Polymers](#) [Supercapacitors](#) [2D Materials](#) [EMI Shielding](#)

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In my role as an experimental materials scientist, I focus on developing and optimizing advanced electrode materials for supercapacitors, aiming to enhance energy storage efficiency. Additionally, I work on innovative materials for electromagnetic shielding, targeting improvements in protection against electromagnetic interference across various applications. My expertise lies in synthesizing and characterizing novel materials to meet the demands of high-performance energy storage and shielding technologies.

Educational Qualification

Degree	Year of Passing	University/Institute
Ph.D.	2011	University of Delhi, Delhi & National Physical Laboratory New Delhi
M.Sc.	2002	M. D. University, Rohtak
B.Sc.	2000	M. D. University, Rohtak

Career Profile:

- Working as Professor, Department of Physics, Maharshi Dayanand University, Rohtak from 21st September 2025 onwards
- Worked as Associate Professor, Department of Physics, Maharshi Dayanand University, Rohtak from 21st September 2022 to 20th September 2025
- Worked as Assistant Professor, Department of Physics, Maharshi Dayanand University, Rohtak from 21st September 2010 to 20th September 2022

Academic/Research Experience: 15+ Years

Area of Research: Materials Science (Experimental): Conjugated

✚ **Administrative Responsibilities:** Deputy Director, ACIL, MDU Rohtak

✚ **Research Guidance:**

- **Ongoing: 7 Ph.D. scholars currently registered**
- **Completed: 8 Ph.D. scholars awarded**

- 1) Dr. Priya, 'Development of Electrode Materials Comprising Conjugated Polymer Hydrogel Nanocomposites for Supercapacitors' 2026.
- 2) Dr. Latisha, 'Development of 2-dimensional materials based nanocomposites as electrodes for supercapacitors' 2026.
- 3) Dr. Pardeep, 'Synthesis and characterization of two-dimensional materials and their composites for energy storage' 2026.
- 4) Dr. Sukhbir Singh, 'Investigation of dielectric and magnetic properties of some substituted hexagonal ferrite composites' 2023.
- 5) Dr. Silki, 'Synthesis and characterization of nanostructured composites for energy storage applications' 2022.
- 6) Dr. Anjali Gupta, 'Development of conjugated polymer based supercapacitor materials' 2019
- 7) Dr. Sushma, 'Nano-Structured magnetic composites for magneto electric devices' 2019
- 8) Dr. Jasvir Dalal, 'Study of electromagnetic shielding properties in conjugated polymer nanocomposites' 2019

✚ **Projects Undertaken:**

- **UGC Major Research Project: Reference No.: F. No. 41-1014/2012(SR):** (~Rs. 6.5 lakhs)
Title: Synthesis of conjugated polymer and graphene based thermally conducting nanocomposites for microwave absorption and electromagnetic shielding. (July 2012 – June 2015)
- **DST-SERB Major Research Project: SUR/2022/004522:** (~Rs. 21.5 lakhs)
Title: MXene Based Electrode Materials: Synthesis, Optimization and Application in Flexible Supercapacitors. (October 2023 onwards)
- **UGC – SAP (DRS – I) Condensed Mater Physics Including Polymer Physics (Dy. Coordinator)**
Duration: 5 years (2012 –2017); **Total Grant Sanctioned:** Rs. 70.5/- lakhs
- **DST – FIST, Level – I (2012 – 2017) Member, Project Implementation Group; Duration:** 5 years (2012 –2017); **Total Grant Sanctioned:** Rs. 94.0 lakhs
- **DST – PURSE-2024 Scheme (2025 –2029) Member, Project Implementation Group; Duration:** 4 years, **Total Grant Sanctioned:** Rs. 6.42 Cr.

✚ **List of Publications:**

S.No.	Publication Details	Impact Factor
2026		
100	Perovskite decorated reduced graphene oxide nanocomposites: Enhanced electromagnetic shielding in 12.4-18 GHz. Sanket Malik, Ritu Chahal, Sajjan Dahiya, Rajesh Punia, AS Maan, Abhimanyu Nain, Kuldeep Singh, Rahul Tripathi, Anil Ohlan . <i>Journal of Physics and Chemistry of Solids</i> 215 (2026) 113696. doi.org/10.1016/j.jpcs.2026.113696	5.9

S.No.	Publication Details	Impact Factor
99	Crystal structure, morphological, optical and photoluminescent studies of Ce ³⁺ -Dy ³⁺ co-doped MgO – LaAlO ₃ nanocomposites: an insight into energy transfer dynamics. Ashima Makhija, Manju Nain, Anil Ohlan , Sajjan Dahiya, Anurag Sangwan, R Punia. <i>Optical and Quantum Electronics</i> 58 (2026) 260. doi.org/10.1007/s11082-026-08845-w	4.0
2025		
98	Towards durable and sustainable energy storage devices: Zinc nickel hexacyanoferrate supported by rGO/g-C ₃ N ₄ coupled with Vachellia nilotica biomass-derived carbon for advanced asymmetric supercapacitors. Latisha Gaba, Priya Siwach, Ishu Khatri, Sajjan Dahiya, Rajesh Punia, AS Maan, M Aslam Manthrammel, Mohd Shkir, Kuldeep Singh, Anil Ohlan . <i>Chemical Engineering Journal</i> 521 (2025) 166667. doi.org/10.1016/j.ccej.2025.166667	12.5
97	Mesoporous Ni _{0.5} Cu _{0.5} Co ₂ O ₄ @ Co ₃ O ₄ nanostructures: Template-assisted synthesis and RGO hybridization for high-performance electromagnetic shielding. Ritu Chahal, Rashika Rathee, Sajjan Dahiya, Rajesh Punia, A. S. Maan, Kuldeep Singh, Rahul Tripathi, M. Aslam Manthrammel, Mohd Shkir, Anil Ohlan . <i>Chemical Engineering Journal</i> 520 (2025) 165715. doi.org/10.1016/j.ccej.2025.165715	12.5
96	Spherical mesoporous NiCo ₂ O ₄ @SrFe ₁₂ O ₁₉ nanocomposites decorated on reduced graphene oxide for efficient electromagnetic shielding performance. Ritu Chahal, Shivani Sheoran, Sajjan Dahiya, Rajesh Punia, A.S. Maan, Kuldeep Singh, I.M. Ashraf, Mohd Shkir, Anil Ohlan . <i>Sustainable Materials and Technologies</i> 44 (2025) e01416. doi.org/10.1016/j.susmat.2025.e01416	9.7
95	Advances in MXene-based composites for next-generation flexible supercapacitors: From design and development to applications. Priya Siwach, Latisha Gaba, Sajjan Dahiya, Rajesh Punia, A.S. Maan, Kuldeep Singh, Mohd. Shkir, Anil Ohlan . <i>Advances in Colloid and Interface Science</i> 342 (2025) 103526. doi.org/10.1016/j.cis.2025.103526	23.7
94	EMI Shielding Performance of PPy/Fe-WS ₂ Nanocomposites in the Ku Band. Raeesah Islam, Harish Mudila, Ritu Chahal, Anil Ohlan , Anil Kumar. <i>Journal of Materials Chemistry A</i> 13 (2025) 14751-14764. doi.org/10.1039/D5TA01332A	9.2
93	Thermally Conducting Polyaniline Reinforced Expanded Graphite/TiO ₂ /BaFe ₁₂ O ₁₉ Nanocomposites: Electromagnetic Shielding Performance in Ku-Frequency Band. Ritu Chahal, Sanket Malik, Sajjan Dahiya, Rajesh Punia, AS Maan, IM Ashraf, Mohd Shkir, Kuldeep Singh, Anil Ohlan . <i>Ceramics International</i> 51 (2025) 20303–20315. doi.org/10.1016/j.ceramint.2025.02.196	6.0
92	Designing of novel hexamine-phenylenediamine covalent organic framework-metal oxide composites as electrode materials for supercapacitors. Ishu Khatri, Priya Siwach, Latisha Gaba, Sajjan Dahiya, Rajesh Punia, AS Maan, Kuldeep Singh, IM Ashraf, Mohd Shkir, Anil Ohlan . <i>FlatChem</i> . 50 (2025) 100835. doi.org/10.1016/j.flatc.2025.100835	5.7
91	EMI shielding properties of graphene-decorated magnetic oxide nanoparticle-reinforced carbon composite foams: A comparative study of graphene@NiO, graphene@Co ₃ O ₄ , and graphene@Fe ₃ O ₄ fillers. Anushi Sharma, Ritu Chahal, Anil Ohlan , Neeraj Dwivedi, Gaurav Gupta, Hemant Shukla, DP Mondal, Rajeev Kumar. <i>Next Materials</i> 9 (2025) 101311. doi.org/10.1016/j.nxmte.2025.101311	4.7
90	Slippery and Wear-resistant Shape Memory Polymers Enabled by the Reinforcement of Double Transition Metal-based MAX Phase (Mo ₂ TiAlC ₂). Shubham Jaiswal, Jeet Vishwakarma, Sneha Nema, Anil Ohlan , Mohammad Ashiq, Chetna Dhand, Neeraj Dwivedi. <i>Carbon</i> 244 (2025) 120635. doi.org/10.1016/j.carbon.2025.120635	12.7
89	Unveiling the Potential of NiO on the Structural, Optical Properties and Ligand Field Parameters of Sodium Borate Glasses for Optoelectronics Applications. Rinki Dahiya, Jyoti Ahlawat, Manju Bala, Anil Ohlan, Sajjan Dahiya, Rajesh Punia, AS Maan. <i>Journal of Molecular Structure</i> 1345 (2025) 142951. doi.org/10.1016/j.molstruc.2025.142951	4.9

S.No.	Publication Details	Impact Factor
88	Study of crystal structure, morphological, optical and photocatalytic dye degradation properties of BiVO ₄ -Bi ₂ S ₃ nanocomposites synthesised in-situ using facile and cost-effective hydrothermal method. Deepika Yadav, Anjali Sharma, Anil Ohlan , Sajjan Dahiya, R Punia, AS Maan. <i>Journal of the Taiwan Institute of Chemical Engineers</i> 174 (2025) 106199. doi.org/10.1016/j.jtice.2025.106199	6.9
87	Enhanced Luminescent and Thermally Stable in Situ Synthesis of Eu ³⁺ -Doped CaO/Y ₂ O ₃ /ZnO Nanocomposite for High Pure Red Colour Emitting and Latent Fingerprint Applications. Manju Nain, Sangeeta Kadyan, Ashima Makhija, Anil Ohlan , Sajjan Dahiya, Rajesh Punia, A. S. Maan. <i>Materials Research Bulletin</i> , 192 (2025) 113572. doi.org/10.1016/j.materresbull.2025.113572	5.8
86	In-situ synthesis, structural and photoluminescence characterizations of Sm ³⁺ doped Gd ₂ O ₃ /MgO nanocomposites. Sangeeta Kadyan, Manju Nain, Ashima Makhija, Anil Ohlan , Sajjan Dahiya, R Punia, A. S. Maan. <i>Journal of Molecular Structure</i> 1342 (2025) 142649. doi.org/10.1016/j.molstruc.2025.142649	4.9
84	Energy Transfer in Ce-Sm co-doped in-situ synthesized Nanocomposites: Unveiling Structural, Morphological and Photoluminescent Properties for Enhanced Luminescence. Ashima Makhija, Sangeeta Kadyan, Manju Nain, Anil Ohlan , Sajjan Dahiya, R Punia, A. S. Maan. <i>Materials Research Bulletin</i> . 186 (2025) 113350. doi.org/10.1016/j.materresbull.2025.113350	5.8
84	Hydrothermally synthesized Sr-doped In ₂ S ₃ microspheres for efficient degradation of noxious RhB pollutants in visible light exposure. Anjali Sharma, Deepika Yadav, Anil Ohlan , Sajjan Dahiya, R Punia, A. S. Maan. <i>Journal of Industrial and Engineering Chemistry</i> 145 (2024) 360-371. doi.org/10.1016/j.jiec.2024.10.031	7.1
83	Broadband Dielectric Spectroscopy: Unraveling Na ⁺ Diffusion and Mixed Conduction in Na ₂ O-Modified Zinc Phosphate Glasses for Electrode Material Applications. Jyoti Ahlawat, Suman Pawaria, Rinki Dahiya, Anil Ohlan , Sajjan Dahiya, Rajesh Punia, A. S. Maan. <i>Journal of Physics and Chemistry of Solids</i> 196 (2025) 112367. doi.org/10.1016/j.jpics.2024.112367	5.9
82	In-situ synthesis of samarium activated MgO-LaAlO ₃ nanocomposite for enhanced and prolonged phosphorescence, Ashima Makhija, Anjali Sharma, Sangeeta Kadyan, Anil Ohlan , Sajjan Dahiya, Rajesh Punia, A.S. Maan, <i>Ceramics International</i> 51 (2025) 16758–16770. doi.org/10.1016/j.ceramint.2024.07.129	6.0
2024		
81	Nanostructured nickel doped manganese oxide/polypyrrole/graphitic carbon nitride hydrogel as high-performance supercapacitor electrodes. Priya Siwach, Latisha Gaba, Kanika Aggarwal, Sajjan Dahiya, Rajesh Punia, A.S. Maan, Kuldeep Singh, Yedluri Anil Kumar, Ayman A. Ghfar, Anil Ohlan . <i>FlatChem</i> 40 (2024) 100778. doi.org/10.1016/j.flatc.2024.100778	5.7
80	Microwave absorbing properties of Polypyrrole-based 2D Nanocomposites. Raeesah Islam, Yuvika Sood, Harish Mudila, Anil Ohlan , Anil Kumar Joria. <i>Journal of Materials Chemistry A</i> 12 (2024) 31004-31027. doi.org/10.1039/D4TA05676K	9.2
79	A review on overcoming challenges and pioneering advances: MXene-based materials for energy storage applications. Sahil Jangra, Bhushan Kumar, Jaishree Sharma, Shilpi Sengupta, Subhankar Das, RK Brajpuria, Anil Ohlan , Yogendra Kumar Mishra, M. S Goyat. <i>Journal of Energy Storage</i> 101(2024) 113810. doi.org/10.1016/j.est.2024.113810	10.7
78	Synergy of Reduced Graphene Oxide Composites with Cerium Doped Lanthanum Ferrite for High Frequency (12.4-18 GHz) Electromagnetic Shielding Application. Sanket Malik, Ritu Chahal, Sajjan Dahiya, Rajesh Punia, AS Maan, Abhimanyu Nain, Anil Ohlan . <i>Ceramics International</i> 50 (24 Part A) (2024) 52595-52606. doi.org/10.1016/j.ceramint.2024.10.110	6.0
77	Lightweight carbon foam composites embedded with RGO/SrFe ₁₂ O ₁₉ hybrid: Fabrication, structural and electromagnetic shielding performance in 8.2 to 12.4 GHz, 18. Ritu Chahal, Shivani Sheoran, Sajjan Dahiya, Rajesh Punia, A.S. Maan, Kuldeep Singh, Anil Ohlan , <i>Materials Research Bulletin</i> 178 (2024) 112906. doi.org/10.1016/j.materresbull.2024.112906	5.8

S.No.	Publication Details	Impact Factor
76	Hybridization of metal-organic frameworks and MXenes: Expanding horizons in supercapacitor applications, Latisha Gaba, Priya Siwach, Kanika Aggarwal, Sajjan Dahiya, Rajesh Punia, A.S. Maan, Kuldeep Singh, Anil Ohlan , <i>Advances in Colloid and Interface Science</i> 332 (2024) 103268. doi.org/10.1016/j.cis.2024.103268	23.7
75	Novel three-dimensional architected ZnMgAl ternary layered double hydroxide@reduced graphene oxide nanocomposites as electrode material for high-performance supercapacitor, Priya Siwach, Latisha Gaba, Kanika Aggarwal, Sajjan Dahiya, Rajesh Punia, A.S. Maan, Kuldeep Singh, Anil Ohlan , <i>Journal of Energy Storage</i> . 98 (2024) 113055. doi.org/10.1016/j.est.2024.113055	10.7
74	Synergetic effect of trimetallic double hydroxide nanospikes embraced N-doped graphene nanosheets as electrode material for supercapacitors. Latisha Gaba, Priya Siwach, Kanika Aggarwal, Sajjan Dahiya, Rajesh Punia, A.S. Maan, Kuldeep Singh, Anil Ohlan , <i>Carbon</i> 226 (2024) 119176. doi.org/10.1016/j.carbon.2024.119176	12.7
73	In situ Assembly of Fe ₃ O ₄ @ FeNi ₃ Spherical Mesoporous Nanoparticles Embedded on 2D Reduced Graphene Oxide (RGO) Layers as Protective Barrier for EMI Pollution. Ritu Chahal, Yamini Dalal, Sajjan Dahiya, Rajesh Punia, A. S. Maan, Kuldeep Singh, Anil Ohlan , <i>Applied Surface Science Advances</i> 19 (2024) 100545. doi.org/10.1016/j.apsadv.2023.100545	10.0
72	Recent Progress in Conjugated Polymers Composites with Metal-Organic Frameworks as Electrode Materials for Supercapacitors. Priya Siwach, Latisha Gaba, Sajjan Dahiya, Rajesh Punia, A S Maan, Kuldeep Singh, Anil Ohlan , <i>Applied Surface Science Advances</i> 19 (2024) 100555. doi.org/10.1016/j.apsadv.2023.100555	10.0
71	Investigating and optimizing the variation of selenium infused MoS ₂ as electrode material for supercapacitor applications, Pardeep Khichi, Priya Siwach, Latisha Gaba, Vijay Kumar, Jagdish Kumar, Anil Ohlan , Rahul Tripathi, <i>FlatChem</i> . 46 (2024) 100688. doi.org/10.1016/j.flatc.2024.100688	5.7
70	Multifunctional porous polyaniline/phosphorus-nitrogen co-doped graphene nanocomposite for efficient room temperature ammonia sensing and high-performance supercapacitor applications, Ravinder Singh, Sunil Agrohiya, Ishpal Rawal, Anil Ohlan , Sajjan Dahiya, Rajesh Punia, A. S. Maan, <i>Applied Surface Science</i> . 665 (2024) 160368. doi.org/10.1016/j.apsusc.2024.160368	6.6
69	Cost-effective and eco-friendly synthesis of thermally stable Sr ²⁺ doped Bi ₂ S ₃ nanoflowers for efficient adsorption and visible-light-driven photocatalytic degradation of Rhodamine-B pollutant, Anjali Sharma, Ashima Makhija, Lalita Saini, Anil Ohlan , Sajjan Dahiya, Rajesh Punia, A. S. Maan, <i>Journal of the Taiwan Institute of Chemical Engineers</i> . 161 (2024) 105534. doi.org/10.1016/j.jtice.2024.105534	6.9
68	Optimized growth of LiZnBO ₃ monoclinic phase in lithium zinc borate glass ceramics for electrode material, Suman Pawaria, Jyoti Ahlawat, Nisha Deopa, Anil Ohlan , Sajjan Dahiya, Rajesh Punia, A.S. Maan, <i>Ceramics International</i> 50 (2024) 23825–23838. doi.org/10.1016/j.ceramint.2024.04.109	6.0
67	Correlation between structural and optical characterizations of IR transparent sodium modified zinc phosphate oxide glasses, Jyoti Ahlawat, Suman Pawaria, Anil Ohlan , Sajjan Dahiya, Rajesh Punia, A.S. Maan, <i>Journal of Molecular Structure</i> 1315 (2024) 138794. doi.org/10.1016/j.molstruc.2024.138794	4.9
66	Deciphering the thermal, physical, structural, and optical characteristics of sodium-doped vanadophosphate glasses, Neha Sehrawat, Preeti Sharma, Manju Bala, Anil Ohlan , Sajjan Dahiya, Rajesh Punia, A.S. Maan, <i>Optical Materials</i> 155 (2024) 115811. doi.org/10.1016/j.optmat.2024.115811	4.3
65	Polypyrrole nanofibers/phosphorus-doped graphene nanocomposite for efficient room temperature real-time monitoring of ammonia, Ravinder Singh, Sunil Agrohiya, Ishpal Rawal, Anil Ohlan , Sajjan Dahiya, R. Punia, A.S. Maan, <i>Polymer Bulletin</i> 81 (2024) 14999. doi.org/10.1007/s00289-024-05422-7	4.2
64	Porous polyaniline/flower-like hybrid phase MoS ₂ /phosphorus-doped graphene ternary nanocomposite for efficient room temperature ammonia sensors, Ravinder Singh, Sunil Agrohiya, Ishpal Rawal, Anil Ohlan , Sajjan Dahiya, Rajesh Punia, A. S. Maan, <i>Synthetic Metals</i> . 307 (2024) 117676. doi.org/10.1016/j.synthmet.2024.117676	4.5

S.No.	Publication Details	Impact Factor
63	Effect of Hold Time on Electrical Properties of Lithium Zinc Borate Glass Ceramics for Energy Storage Applications, Suman Pawaria, Jyoti Ahlawat, Preeti Sharma, Anil Ohlan , Sajjan Dahiya, Rajesh Punia, A.S. Maan, <i>Journal of Electronic Materials</i> 53 (2024) 5682–5695. doi.org/10.1007/s11664-024-11265-9	2.8
62	PEDOT/ flower-like 1T-2H MoS ₂ /nitrogen-doped graphene ternary nanocomposite for efficient room temperature real-time monitoring of ammonia, Ravinder Singh, Sunil Agrohiya, Ishpal Rawal, Anil Ohlan , Sajjan Dahiya, Rajesh Punia, A.S. Maan, <i>Journal of Materials Science: Materials in Electronics</i> 35 (2024) 921. doi.org/10.1007/s10854-024-12695-1	3.2
61	Enhanced microwave absorption properties of conducting polymer@ graphene composite to counteract electromagnetic radiation pollution: green EMI shielding, Suman Kumari, Jasvir Dalal, Anand Kumar, Rishi Pal, Ritu Chahal, Anil Ohlan , <i>RSC Advances</i> 14 (2024) 662–676. doi.org/10.1039/D3RA07245B	6.1
60	Enhanced Luminescence of Dy-activated in-situ synthesized LaAlO ₃ /MgO nanocomposites for cool wLED and Latent Finger Printing applications. Ashima Makhija, Anjali Sharma, Anil Ohlan , Sajjan Dahiya, Rajesh Malik, Rajesh Punia, A.S. Maan. <i>Journal of Luminescence</i> 272 (2024) 120625. doi.org/10.1016/j.jlumin.2024.120625	3.8
59	Effect of Sr Doping on Electronic Transport Properties of SnS ₂ Hexagonal Nanoplates. Anjali Sharma, Ashima Makhija, Deepika Yadav, Sajjan Dahiya, Anil Ohlan , Rajesh Punia, and A. S. Maan. <i>Journal of Physics and Chemistry of Solids</i> 184 (2024) 111678. doi.org/10.1016/j.jpics.2023.111678	5.9
2023		
58	Template Based Synthesis of Mesoporous Ferrite Composites with Reduced Graphene Oxide for Electromagnetic Shielding Application. Sanket Malik, Silki Sardana, Sajjan Dahiya, Rajesh Punia, A. S. Maan, and Anil Ohlan . <i>Applied Surface Science Advances</i> 18 (2023) 100463. doi.org/10.1016/j.apsadv.2023.100463	10.0
57	Hierarchical flower-like MoS ₂ /reduced graphene oxide nanohybrids supported on nickel foam as a high-performance electrode material for supercapacitor applications, Silki Sardana, Sajjan Dahiya, Rajesh Punia, A. S. Maan, Kuldeep Singh, Anil Ohlan , <i>Journal of Materials Chemistry A</i> , 11 (2023) 5910. doi.org/10.1039/D2TA08416C	9.2
56	Hierarchical three dimensional polyaniline/N-doped graphene nanocomposite hydrogel for energy storage applications, Silki Sardana, Kanika Aggarwal, Priya Siwach, Latisha Gaba, A. S. Maan, Kuldeep Singh, Anil Ohlan , <i>Energy Storage</i> , 5 (2023) e328. doi.org/10.1002/est2.328	4.0
55	High-performance flexible supercapacitor based on morphology tuned polypyrrole/molybdenum disulfide nanocomposites, Rimjhim Yadav, Ayushi Saini, Jyoti Choudhary, Silki Sardana, Anil Ohlan , Kuldeep Singh, Surinder P. Singh, <i>Energy Storage</i> , 5 (2023) e477. doi.org/10.1002/est2.477	4.0
54	Investigation of the Structural, Dielectric, Magnetic, and Magnetoelectric Properties of Nd-Substituted Sr ₃ Co ₂ Fe ₂₄ O ₄₁ Z-Hexaferrite, Sukhbir Hooda, Sajjan Dahiya, Rajesh Poonia, A. S. Maan, P. K. Saini, Srinibas Satapathy, Rahul Tripathi, Anil Ohlan , <i>ECS Journal of Solid State Science and Technology</i> , (2023) 19. doi.org/10.1149/2162-8777/acf8f4	2.4
53	Enhanced magnetoelectric coupling in novel rare earth metal substituted Sr based Z-hexaferrites/P (VDF-HFP) composites, Sukhbir Singh, Pardeep Khichi, Sajjan Dahiya, Rajesh Punia, P. K. Saini, Srinibas Satapathy, Rahul Tripathi, Anil Ohlan , <i>Ceramics International</i> , 49 (2023) 26135. doi.org/10.1016/j.ceramint.2023.05.063	6.0
52	A systematic study of physical properties of La substituted Sr ₃ Co ₂ Fe ₂₄ O ₄₁ Z-hexaferrites, Sukhbir Singh, Pardeep Khichi, Sajjan Dahiya, Rajesh Punia, A. S. Maan, Rahul Tripathi, Anil Ohlan , <i>Ceramics International</i> , 49 (2023) 4599. doi.org/10.1016/j.ceramint.2022.09.345	6.0
51	Investigation of electric transport in mixed conducting Na ₂ O modified zinc borate glasses for electrode material using broadband dielectric spectroscopy. Jyoti Ahlawat, Suman Pawaria, Preeti Redhu, Sajjan Dahiya, Anil Ohlan , Rajesh Punia, A. S. Maan. <i>The Journal of Chemical Physics</i> 159 (2023) 104503. doi.org/10.1063/5.0166317	3.7
50	Optimization of synthesis parameters for Molybdenum Diselenide (MoSe ₂) using Hydrothermal Method, Pardeep Khichi, Rahul Tripathi, Anil Ohlan , <i>Energy Storage</i> , 5 (2023) e399. doi.org/10.1002/est2.399	4.0

S.No.	Publication Details	Impact Factor
49	Rietveld refinement, Morphological, Optical and Photocatalytic Dye Degradation Studies of Pristine and Sr-Doped SnS ₂ Hexagonal Nanoplates, Anjali Sharma, Ashima Makhija, Sajjan Dahiya, Anil Ohlan , R. Punia, A. S. Maan, <i>Materials Research Bulletin</i> , 168 (2023) 112464. 10.1016/j.materresbull.2023.112464	5.8
48	Correlation of dielectric, ferroelectric, and magnetic properties with structural changes in Cr doped BCT ceramics, Preeti Redhu, Preeti Sharma, Ashima Hooda, Anupinder Singh, Anil Ohlan , Rajesh Punia, <i>Applied Physics A</i> , 129 (2023) 523. doi.org/10.1007/s00339-023-06788-7	3.0
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