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<i>Publication Type</i>	Publisher	Article Name	Journal Name	Digital Object Identifier (DOI)	Author	Volume	Page Number	ISSN/e-ISSN	Impact Factor	Author Name	Published Date Online	Date Of Acceptance
<i>Research Papers in Scopus Listed Journals</i>	Elsevier	Substrate dependent structural variations of biomimetic carbonated hydroxyapatite deposited on glass, Ti and sputtered ZnO thin films	Materials Characterization	https://doi.org/10.1016/j.matchar.2022.112120	First/Principal /Corresponding author	191	112120	1873-4189	4.7	Pradhyut Rajkumar and Bimal K Sarma	Jul 14, 2022	Jul 12, 2022
<i>Research Papers in Scopus Listed Journals</i>	Elsevier	Realization of ZnO microrods and Ag nanoparticles on glass and Si substrates by magnetron sputtering and near band edge photoluminescence enhancement from the exciton-plasmon system	Materials Letters	https://doi.org/10.1016/j.matlet.2022.132898	First/Principal /Corresponding author	325	132898	1873-4979	3	Pradhyut Rajkumar, Dipak Barman, Anurag Kashyap, and Bimal K Sarma	Jul 25, 2022	Jul 21, 2022
<i>Research Papers in Scopus Listed Journals</i>	IOP Publishing	Microstructural evolution and optical dispersion of sputtered ZnO thin films at low	Materials Research Express	https://doi.org/10.1088/2053-1591/aae6e6	Co-Author	6	016420	2053-1591	2.3	Bikash Sarma, Pradhyut Rajkumar, and Bimal K Sarma	Oct 22, 2018	Oct 9, 2018

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		annealing temperature.										
<i>Research Papers in Scopus Listed Journals</i>	Elsevier	Al-doped ZnO transparent conducting oxide with appealing electro-optical properties – Realization of indium free transparent conductors from sputtering targets with varying dopant concentrations	Materials Today Communications	https://doi.org/10.1016/j.mtcomm.2019.100870	Co-Author	23	100870	2352-4928	3.8	Bimal K Sarma and Pradhyut Rajkumar	Dec 23, 2019	Dec 20, 2019
<i>Research Papers in Scopus Listed Journals</i>	Elsevier	Role of Zn and Mg substitutions on the mechanical behaviour of biomimetic hydroxyapatite and insight of the emergence of hydroxyapatite-ZnO nanocomposite	Materials Characterization	https://doi.org/10.1016/j.matchar.2021.111107	First/Principal /Corresponding author	176	111107	1873-4189	4.7	Pradhyut Rajkumar and Bimal K Sarma	Apr 9, 2021	Apr 7, 2021
<i>Research Papers in Scopus</i>	Elsevier	Ag/ZnO heterostructure fabricated on AZO platform for SERS	Applied Surface Science	https://doi.org/10.1016/j.apsusc.2019.144798	First/Principal /Corresponding author	509	144798	1873-5584	6.7	Pradhyut Rajkumar	Nov 28, 2019	Nov 18, 2019

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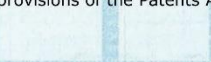


Listed Journals

	based sensitive detection of biomimetic hydroxyapatite										
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Patent

<i>Patent Title</i>	Level of Patent	Patent Number	Patent Status	Date Of Award	Link
<i>AN IMPROVED AZO SPUTTERING TARGET FOR MANUFACTURING TRANSPARENT CONDUCTING FILM AND THE METHOD THEREOF</i>	National	339332	Published and Awarded	Jun 25, 2020	

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 INTELLECTUAL PROPERTY INDIA PATENTS DESIGNS TRADE MARKS GEOGRAPHICAL INDICATIONS	 सत्यमेव जयते	क्रमांक : 033111430 SL No :	
भारत सरकार GOVERNMENT OF INDIA पेटेंट कार्यालय THE PATENT OFFICE पेटेंट प्रमाणपत्र PATENT CERTIFICATE (Rule 74 Of The Patents Rules)			
पेटेंट सं. / Patent No.	:	339332	
आवेदन सं. / Application No.	:	201831022820	
फाइल करने की तारीख / Date of Filing	:	19/06/2018	
पेटेंटी / Patentee	:	1.BIMAL KUMAR SARMA 2.PRADHYUT RAJKUMAR 3.BIKASH SARMA	
<p>प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित AN IMPROVED AZO SPUTTERING TARGET FOR MANUFACTURING TRANSPARENT CONDUCTING FILM AND THE METHOD THEREOF नामक आविष्कार के लिए, पेटेंट अधिनियम, १९७० के उपबंधों के अनुसार आज तारीख 19th day of June 2018 से बीस वर्ष की अवधि के लिए पेटेंट अनुदान किया गया है।</p> <p>It is hereby certified that a patent has been granted to the patentee for an invention entitled AN IMPROVED AZO SPUTTERING TARGET FOR MANUFACTURING TRANSPARENT CONDUCTING FILM AND THE METHOD THEREOF as disclosed in the above mentioned application for the term of 20 years from the 19th day of June 2018 in accordance with the provisions of the Patents Act,1970.</p>			
 INTELLECTUAL PROPERTY INDIA PATENTS DESIGNS TRADE MARKS GEOGRAPHICAL INDICATIONS			
			
अनुदान की तारीख : 25/06/2020 Date of Grant :		पेटेंट नियंत्रक Controller of Patent	
<p>टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, 19th day of June 2020 को और उसके पश्चात प्रत्येक वर्ष में उसी दिन देय होगी। Note. - The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 19th day of June 2020 and on the same day in every year thereafter.</p>			