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No. of Publication: 14

Journal Publication:

Type of Journal	DOI No.	Name of the Article	Name of the Author	ISSN No.	Year of Publication
Advances in Materials, Manufacturing and Design (Scopus)	https://doi.org/10.1007/978-981-97-6667-3_36	Exploring Kerf Width in Wire EDM of EN36B Steel: A Statistical Analysis	Bikash Panja	2195-4364	2024

Book Chapter Publication:

DOI No.	Name of the Article	Name of the Author	ISBN No.	Year of Publication
https://doi.org/10.62906/bs.book.211	Parametric Observation of Surface Roughness and Burr Formation on Mild Steel using Micro Milling Operation	Bikash Panja	978-93-6233-761-0	2024
https://doi.org/10.62906/bs.book.211	Ranking Analysis Based on the Multi-Criteria Optimization of Technical Specifications to select the best Lathe Machine by Topsis Method	Bikash Panja	978-93-6233-761-0	2024
https://doi.org/10.62906/bs.book.209	Assessment of Titanium Machining Employing Wire Electrical Discharge Machining through an Artificial Intelligence (AI) based Optimisation	Bikash Panja	978-93-6233-705-4	2024
https://doi.org/10.62906/bs.book.209	Machining Characteristics using Regression and	Bikash Panja	978-93-6233-705-4	2024

	Visualization Tools: A Comprehensive Review			
https://doi.org/10.62906/bs.book.209	A Comprehensive Review on Wire Electrical Discharge Machining (WEDM) Process Parameters: Effects	Bikash Panja	978-93-6233-705-4	2024
https://doi.org/10.62906/bs.book.209	Exploring Vibration Phenomena in Rotating Machinery: Causes, Detection and Control	Bikash Panja	978-93-6233-705-4	2024
https://doi.org/10.62906/bs.book.209	Study of Kerf Width in Wire EDM of EN36B Steel: Key Factors and Optimization Strategies	Bikash Panja	978-93-6233-705-4	2024
https://doi.org/10.62906/bs.book.209	Impact of Lanthanum Oxide on the Physical and Mechanical Characteristics of Calcium Fluoroaluminosilicate Glass Systems	Bikash Panja	978-93-6233-705-4	2024
https://doi.org/10.62906/bs.book.209	Investigating the Hydrophobicity and High Temperature Mechanical Properties of Hard Nanocomposite Al-Si-N Thin Films	Bikash Panja	978-93-6233-705-4	2024
NA	Artificial intelligence in assessing damage to structural elements: A review, Innovative insights- A Guide to Mechanical Engineering	Bikash Panja	978-81-964878-8-1	2024
NA	Introduction to Engineering Composite Materials: Properties and Applications	Bikash Panja	978-81-964878-5-0	2024

Other Publication Details (if any)

Edited Book: Ranjan Kumar, Ravi Nigam, **Bikash Panja**, Innovative insights- A Guide to Mechanical Engineering, Swami Vivekananda University (Institutional Publisher), Kolkata-700121, India, 2024, ISBN: 978-81-964878-8-1.

Patent: Indian Patent, **Design** Application no. **407218-001** dated **10.02.2024** (Title "EMPLOYEE PRODUCTIVITY MONITORING DEVICE"), reviewed, accepted and published.