

Anshuman Das

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,160
citations

361413

20
h-index

414414

32
g-index

42
all docs

42
docs citations

42
times ranked

1289
citing authors

#	ARTICLE	IF	CITATIONS
1	RNAi screening reveals requirement for host cell secretory pathway in infection by diverse families of negative-strand RNA viruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 19036-19041.	7.1	83
2	MAVS-dependent host species range and pathogenicity of human hepatitis A virus. <i>Science</i> , 2016, 353, 1541-1545.	12.6	80
3	Interferon-Inducible Protein IFI35 Negatively Regulates RIG-I Antiviral Signaling and Supports Vesicular Stomatitis Virus Replication. <i>Journal of Virology</i> , 2014, 88, 3103-3113.	3.4	79
4	Basal expression of interferon regulatory factor 1 drives intrinsic hepatocyte resistance to multiple RNA viruses. <i>Nature Microbiology</i> , 2019, 4, 1096-1104.	13.3	69
5	Cellular entry and uncoating of naked and quasi-enveloped human hepatoviruses. <i>ELife</i> , 2019, 8, .	6.0	67
6	TIM1 (HAVCR1) Is Not Essential for Cellular Entry of Either Quasi-enveloped or Naked Hepatitis A Virions. <i>MBio</i> , 2017, 8, .	4.1	63
7	Induction of Stress Granule-Like Structures in Vesicular Stomatitis Virus-Infected Cells. <i>Journal of Virology</i> , 2013, 87, 372-383.	3.4	53
8	Performance evaluation of various cutting fluids using MQL technique in hard turning of AISI 4340 alloy steel. <i>Measurement: Journal of the International Measurement Confederation</i> , 2020, 150, 107079.	5.0	51
9	Performance appraisal of various nanofluids during hard machining of AISI 4340 steel. <i>Journal of Manufacturing Processes</i> , 2019, 46, 248-270.	5.9	45
10	Gangliosides are essential endosomal receptors for quasi-enveloped and naked hepatitis A virus. <i>Nature Microbiology</i> , 2020, 5, 1069-1078.	13.3	45
11	Statistical analysis of different machining characteristics of EN-24 alloy steel during dry hard turning with multilayer coated cermet inserts. <i>Measurement: Journal of the International Measurement Confederation</i> , 2019, 134, 123-141.	5.0	41
12	Heterogeneous Nuclear Ribonucleoprotein K Supports Vesicular Stomatitis Virus Replication by Regulating Cell Survival and Cellular Gene Expression. <i>Journal of Virology</i> , 2013, 87, 10059-10069.	3.4	38
13	Trim21 regulates Nmi-IFI35 complex-mediated inhibition of innate antiviral response. <i>Virology</i> , 2015, 485, 383-392.	2.4	35
14	Performance comparison of vegetable oil based nanofluids towards machinability improvement in hard turning of HSLA steel using minimum quantity lubrication. <i>Mechanics and Industry</i> , 2019, 20, 506.	1.3	35
15	Antagonistic Effects of Cellular Poly(C) Binding Proteins on Vesicular Stomatitis Virus Gene Expression. <i>Journal of Virology</i> , 2011, 85, 9459-9471.	3.4	34
16	Sustainability Assessment and Machinability Investigation of Austenitic Stainless Steel in Finish Turning with Advanced Ultra-Hard SiAlON Ceramic Tool under Different Cutting Environments. <i>Silicon</i> , 2021, 13, 119-147.	3.3	33
17	Effect of MQL and nanofluid on the machinability aspects of hardened alloy steel. <i>Machining Science and Technology</i> , 2020, 24, 291-320.	2.5	28
18	A Comparison of Machinability in Hard Turning of EN-24 Alloy Steel Under Mist Cooled and Dry Cutting Environments with a Coated Cermet Tool. <i>Journal of Failure Analysis and Prevention</i> , 2019, 19, 115-130.	0.9	27

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19	Comparative Assessment on Machinability Aspects of AISI 4340 Alloy Steel Using Uncoated Carbide and Coated Cermet Inserts During Hard Turning. <i>Arabian Journal for Science and Engineering</i> , 2016, 41, 4531-4552.	1.1	26
20	Machinability investigation and sustainability assessment in hard turning of AISI D3 steel with coated carbide tool under nanofluid minimum quantity lubrication-cooling condition. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2021, 235, 6496-6528.	2.1	26
21	Performance Assessment and Chip Morphology Evaluation of Austenitic Stainless Steel under Sustainable Machining Conditions. <i>Metals</i> , 2021, 11, 1931.	2.3	23
22	Machinability Investigation of Nitronic 60 Steel Turning Using SiAlON Ceramic Tools under Different Cooling/Lubrication Conditions. <i>Materials</i> , 2022, 15, 2368.	2.9	21
23	Comparative assessment between AlTiN and AlTiSiN coated carbide tools towards machinability improvement of AISI D6 steel in dry hard turning. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2022, 236, 3174-3197.	2.1	20
24	Epigenetic Silencing of Recombinant Adeno-associated Virus Genomes by NP220 and the HUSH Complex. <i>Journal of Virology</i> , 2022, 96, JVI0203921.	3.4	20
25	TIM1 (HAVCR1): an Essential "Receptor" or an "Accessory Attachment Factor" for Hepatitis A Virus?. <i>Journal of Virology</i> , 2019, 93, .	3.4	16
26	Hard turning of AISI D6 steel with recently developed HSN2-TiAlxN and conventional TiCN coated carbide tools: comparative machinability investigation and sustainability assessment. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2022, 44, 1.	1.6	16
27	Machinability Investigation and Cost Estimation During Finish Dry Hard Turning of AISI 4340 Steel with Untreated and Cryo Treated Cermet Inserts. <i>Journal of Superhard Materials</i> , 2019, 41, 247-264.	1.2	14
28	MACHINABILITY INVESTIGATION OF CRYOGENICALLY TREATED HARDENED AISI 4140 ALLOY STEEL USING CBN INSERT UNDER SUSTAINABLE FINISH DRY HARD TURNING. <i>Surface Review and Letters</i> , 2022, 29, .	1.1	13
29	Receptor Switching in Newly Evolved Adeno-associated Viruses. <i>Journal of Virology</i> , 2021, 95, e0058721.	3.4	12
30	A single amino acid change resulting in loss of fluorescence of eGFP in a viral fusion protein confers fitness and growth advantage to the recombinant vesicular stomatitis virus. <i>Virology</i> , 2012, 432, 460-469.	2.4	10
31	Experimental investigation into machinability of hardened AISI D6 steel using newly developed AlTiSiN coated carbide tools under sustainable finish dry hard turning. <i>Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering</i> , 2022, 236, 1889-1905.	2.5	10
32	Comparative performance evaluation between uncoated and TiAlN+AlCrN coated carbide tools in hard turning of AISI H11 steel. <i>Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering</i> , 0, , 095440892211104.	2.5	8
33	lminosugar Glucosidase Inhibitors Reduce Hepatic Inflammation in Hepatitis A Virus-Infected Mice. <i>Journal of Virology</i> , 2021, 95, .	3.4	6
34	Comparative performance evaluation between HSN-TiAlxN and TiCN coated carbide tools in hard turning of AISI D6 steel. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 0, , 095440542211118.	2.4	5
35	Experimental investigation of various surface integrity aspects in hard turning of AISI 4340 alloy steel with coated and uncoated cermet. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 338, 012056.	0.6	3
36	Experimental investigation of various machining attributes and cost estimation during machining of hardened AISI 4340 steel with untreated and cryo treated cermet inserts. <i>Mechanics and Industry</i> , 2020, 21, 110.	1.3	3

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37	Experimental and numerical investigations on the temperature distribution in PVD AlTiN coated and uncoated Al ₂ O ₃ /TiCN mixed ceramic cutting tools in hard turning of AISI 52100 steel. IOP Conference Series: Materials Science and Engineering, 2018, 338, 012021.	0.6	1
38	HOST CELL FUNCTIONS IN VESICULAR STOMATITIS VIRUS REPLICATION. , 2015, , 107-139.		0
39	Comparative Study of some Machining Characteristics during Hard Turning of Alloy Steel with Untreated and Cryotreated Cermet Inserts. Materials Science Forum, 2020, 978, 64-76.	0.3	0
40	APPLICATION POTENTIAL OF RESPONSE SURFACE METHOD ON ELECTRO DISCHARGE MACHINING OF AA6061â€™CENOSPHERE AMCs PREPARED BY COMPOCASTING METHOD. Surface Review and Letters, 2021, 28, 1.1 2150056.	1.1	0