

Atsushi Hirata

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

161
citations

1684188

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1720034

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all docs

10
docs citations

10
times ranked

300
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface Modification Using Assisting Electrodes in Wire Electrical Discharge Machining for Silicon Wafer Preparation. <i>Materials</i> , 2021, 14, 1355.	2.9	6
2	Local Wettability Modification and its Micro-Fluidic System Application. <i>Toxinology</i> , 2018, , 1-33.	0.2	0
3	Surface modification of single-crystalline silicon carbide by laser irradiation for microtribological applications. <i>Precision Engineering</i> , 2018, 54, 198-205.	3.4	1
4	Local Wettability Modification and its Micro-Fluidic System Application. <i>Toxinology</i> , 2018, , 1-33.	0.2	0
5	Local Wettability Modification and Its Micro-Fluidic System Application. <i>Micro/Nano Technologies</i> , 2018, , 925-957.	0.1	0
6	Improvement in machining speed with working gap control in EDM milling. <i>Precision Engineering</i> , 2017, 47, 303-310.	3.4	23
7	Non-textured laser modification of silica glass surface: Wettability control and flow channel formation. <i>Applied Surface Science</i> , 2016, 371, 530-537.	6.1	9
8	Microtribological modification of silicon carbide surface by laser irradiation. <i>Precision Engineering</i> , 2016, 43, 270-276.	3.4	12
9	CVD diamond Research, applications, and challenges. <i>MRS Bulletin</i> , 2014, 39, 490-494.	3.5	108
10	Demonstration of Wear Monitoring of Amorphous Carbon Films with Epoxy Resin Underlayer Containing Phosphor. <i>Tribology Online</i> , 2013, 8, 265-271.	0.9	2