

# Atsushi Hirata

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9119108/publications.pdf>

Version: 2024-02-01

10  
papers

161  
citations

1684188

5  
h-index

1720034

7  
g-index

10  
all docs

10  
docs citations

10  
times ranked

300  
citing authors

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