

# Ammar A Alzaydi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8703336/publications.pdf>

Version: 2024-02-01

11  
papers

46  
citations

1937457

4  
h-index

1719901

7  
g-index

11  
all docs

11  
docs citations

11  
times ranked

33  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydraulic controlled polyester-based micro adaptive mirror with adjustable focal length. <i>Mechatronics</i> , 2008, 18, 61-70.	2.0	12
2	Time-optimized hole sequence planning for 5-axis on-the-fly laser drilling. <i>CIRP Annals - Manufacturing Technology</i> , 2014, 63, 377-380.	1.7	9
3	Time-optimal, minimum-jerk, and acceleration continuous looping and stitching trajectory generation for 5-axis on-the-fly laser drilling. <i>Mechanical Systems and Signal Processing</i> , 2019, 121, 532-550.	4.4	8
4	Trajectory generation and optimization for five-axis on-the-fly laser drilling: a state-of-the-art review. <i>Optical Engineering</i> , 2018, 57, 1.	0.5	5
5	Environmental dust repelling from hydrophilic/hydrophobic surfaces under sonic excitations. <i>Scientific Reports</i> , 2020, 10, 19348.	1.6	4
6	Time-Optimal Connection Between On-the-Fly Drilling Trajectories and Rest Boundary Conditions. <i>Arabian Journal for Science and Engineering</i> , 2019, 44, 10181-10194.	1.7	2
7	Environmental dust repelling from hydrophobic and hydrophilic surfaces under vibrational excitation. <i>Scientific Reports</i> , 2020, 10, 14346.	1.6	2
8	Task-Point Sequencing and Trajectory Generation/Optimization with Benchmarking for Multi-axis Percussion Laser Drilling of Jet Engine Combustion Chamber Panels. <i>Arabian Journal for Science and Engineering</i> , 2020, 45, 6923-6947.	1.7	2
9	Droplet motion on sonically excited hydrophobic meshes. <i>Scientific Reports</i> , 2022, 12, 6759.	1.6	2
10	Robotic Manipulator Task Sequencing and Minimum Snap Trajectory Generation. <i>Arabian Journal for Science and Engineering</i> , 2020, 45, 6865-6886.	1.7	0
11	Liquid droplet impact on a sonically excited thin membrane. <i>Soft Matter</i> , 2022, 18, 1443-1454.	1.2	0