

# Yu Dai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3348931/publications.pdf>

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1937685  
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#	ARTICLE	IF	CITATIONS
1	Evaluation and Optimization of the Oil Jet Lubrication Performance for Orthogonal Face Gear Drive: Modelling, Simulation and Experimental Validation. <i>Energies</i> , 2019, 12, 1935.	3.1	28
2	A new dynamic model and trajectory tracking control strategy for deep ocean mining vehicle. <i>Ocean Engineering</i> , 2020, 216, 108162.	4.3	18
3	Mechanical Tests and Numerical Simulations for Mining Seafloor Massive Sulfides. <i>Journal of Marine Science and Engineering</i> , 2019, 7, 252.	2.6	14
4	Determination of an Optimal Oil Jet Nozzle Layout for Helical Gear Lubrication: Mathematical Modeling, Numerical Simulation, and Experimental Validation. <i>Complexity</i> , 2020, 2020, 1-18.	1.6	13
5	Numerical Analysis for Wetting Behaviors of an Oil Jet Lubricated Spur Gear. <i>Lubricants</i> , 2022, 10, 17.	2.9	4
6	Numerical and Experimental Investigation of Oil-Guiding Splash Lubrication in Light Helicopterâ€™s Reducers. <i>Aerospace</i> , 2021, 8, 345.	2.2	3
7	The Effect of Indentation Rate on Rock Breakages Characteristics. <i>Geotechnical and Geological Engineering</i> , 2020, 38, 4181-4188.	1.7	2
8	CFD investigation of air-oil two-phase flow in oil jet nozzle. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2022, 236, 10079-10089.	2.1	2
9	Performance of a New Aeronautic Oil-Guiding Splash Lubrication System. <i>Lubricants</i> , 2022, 10, 130.	2.9	1