

# Xiaodong Yu

## List of Publications by Year in descending order

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16  
papers

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citations

1478505

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1372567

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docs citations

16  
times ranked

91  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review of the Research on the Influencing Factors of Lubrication Performance for Sliding Bearings. Recent Patents on Engineering, 2022, 16, .	0.4	1
2	High-speed and heavy-load tribological properties of hydrostatic thrust bearing with double rectangular recess. International Journal of Hydrogen Energy, 2022, 47, 21273-21286.	7.1	8
3	Research Status of Hydrostatic Bearing Technology in Machine Tool. Recent Patents on Mechanical Engineering, 2021, 14, .	0.3	0
4	Inclination angle effect of tribological performance for hydrostatic bearing having tilting oil pad under variable viscosity conditions. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2021, 43, 1.	1.6	10
5	Summary of Research Progress on Bearing Eccentric Loading. Recent Patents on Mechanical Engineering, 2021, 14, 289-297.	0.3	0
6	Effects of oil recess structural parameters on comprehensive tribological properties in multi-pad hydrostatic thrust bearing for CNC vertical processing equipment based on low power consumption. Energy Reports, 2021, 7, 8258-8264.	5.1	9
7	Exploring the five-paced viper ( <i>Deinagkistrodon acutus</i> ) venom proteome by integrating a combinatorial peptide ligand library approach with shotgun LC-MS/MS. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2021, 27, e20200196.	1.4	5
8	Deformation characteristics of adaptive hydrostatic thrust bearing under extreme working conditions. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2020, 42, 1.	1.6	7
9	Heat Transfer Characteristics of High Speed and Heavy Load Hydrostatic Bearing. IEEE Access, 2019, 7, 110770-110780.	4.2	9
10	Characterization, antioxidant, and anticancer activities of a neutral polysaccharide from <i>Duchesnea indica</i> (Andr.) Focke. Journal of Food Biochemistry, 2019, 43, e12899.	2.9	15
11	Influence of recess shape on comprehensive lubrication performance of high speed and heavy load hydrostatic thrust bearing. Industrial Lubrication and Tribology, 2019, 71, 301-308.	1.3	8
12	Thermal-fluid-solid coupling deformation of hydrostatic thrust bearing friction pairs. Industrial Lubrication and Tribology, 2019, 71, 467-473.	1.3	12
13	Conformable n-channel Organic Phototransistors with Enhanced Photosensitivity and Broadened Response Range via Insertion of an Alq3 Layer. IEEE Electron Device Letters, 2018, , 1-1.	3.9	0
14	Oil film shape prediction of hydrostatic thrust bearing under the condition of high speed and heavy load. Industrial Lubrication and Tribology, 2018, 70, 1243-1250.	1.3	12
15	Preparation and neutralization efficacy of IgY antibodies raised against <i>Deinagkistrodon acutus</i> venom. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2017, 23, 22.	1.4	21
16	Dacin, one metalloproteinase from <i>Deinagkistrodon acutus</i> venom inhibiting contraction of mouse ileum muscle. BMC Biochemistry, 2017, 18, 11.	4.4	0