

# Xiaodong Yu

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

117  
citations

1478505

6  
h-index

1372567

10  
g-index

16  
all docs

16  
docs citations

16  
times ranked

91  
citing authors

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