

Hua Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8163487/publications.pdf>

Version: 2024-02-01

29
papers

240
citations

1307594

7
h-index

1058476

14
g-index

29
all docs

29
docs citations

29
times ranked

198
citing authors

#	ARTICLE	IF	CITATIONS
1	Disturbance compensation based asymptotic tracking control for nonlinear systems with mismatched modeling uncertainties. <i>International Journal of Robust and Nonlinear Control</i> , 2021, 31, 2993-3010.	3.7	34
2	Effects of Sulfuric Acid on the Curing Behavior and Bonding Performance of Tanninâ€“Sucrose Adhesive. <i>Polymers</i> , 2018, 10, 651.	4.5	29
3	A dynamic structure-adaptive symbolic approach for slewing bearingsâ€™ life prediction under variable working conditions. <i>Structural Health Monitoring</i> , 2021, 20, 273-302.	7.5	19
4	Command filtered robust control of nonlinear systems with full-state time-varying constraints and disturbances rejection. <i>Nonlinear Dynamics</i> , 2020, 101, 2325-2342.	5.2	16
5	Output feedback adaptive RISE control for uncertain nonlinear systems. <i>Asian Journal of Control</i> , 2023, 25, 433-442.	3.0	14
6	Experimental study of thermal contact resistance between aluminium alloy and ADP crystal under vacuum environment. <i>Applied Thermal Engineering</i> , 2019, 155, 563-574.	6.0	12
7	A new computational model of large three-row roller slewing bearings using nonlinear springs. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2017, 231, 3831-3839.	2.1	10
8	Pilot study of feature-based algorithm for breech face comparison. <i>Forensic Science International</i> , 2018, 286, 148-154.	2.2	8
9	A life test method and result analysis for slewing bearings in wind turbines. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2015, 229, 3499-3514.	2.1	7
10	A Symbolic Regression Based Residual Useful Life Model for Slewing Bearings. <i>IEEE Access</i> , 2019, 7, 72076-72089.	4.2	7
11	Life prediction of slewing bearing based on isometric mapping and fuzzy support vector regression. <i>Transactions of the Institute of Measurement and Control</i> , 2020, 42, 94-103.	1.7	7
12	Bearing Fault Reconstruction Diagnosis Method Based on ResNet-152 with Multi-Scale Stacked Receptive Field. <i>Sensors</i> , 2022, 22, 1705.	3.8	7
13	Fault recognition of large-size low-speed slewing bearing based on improved deep belief network. <i>JVC/Journal of Vibration and Control</i> , 2023, 29, 2829-2841.	2.6	7
14	Development of Underwater Robot Hand and Its Finger Tracking Control. , 2007, , .		6
15	Smart health evaluation of slewing bearing based on multiple-characteristic parameters. <i>Journal of Mechanical Science and Technology</i> , 2014, 28, 2089-2097.	1.5	6
16	Remaining Useful Life Assessment of Slewing Bearing Based on Spatial-Temporal Sequence. <i>IEEE Access</i> , 2020, 8, 9739-9750.	4.2	6
17	Convergenceâ€“improved congruent matching cells (CMC) method for firing pin impression comparison. <i>Journal of Forensic Sciences</i> , 2021, 66, 571-582.	1.6	6
18	Fired bullet signature correlation using the finite ridgelet transform (FRIT) and the gray level co-occurrence matrix (GLCM) methods. <i>Forensic Science International</i> , 2022, 330, 111089.	2.2	6

#	ARTICLE	IF	CITATIONS
19	A fingertip force sensor for underwater dexterous hand. Journal of Mechanical Science and Technology, 2012, 26, 627-633.	1.5	5
20	Disturbance-Compensation-Based Multilayer Neuroadaptive Control of MIMO Uncertain Nonlinear Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 1487-1491.	3.0	5
21	Multilayer neural network based asymptotic motion control of saturated uncertain robotic manipulators. Applied Intelligence, 2022, 52, 2586-2598.	5.3	5
22	Pitch bearing/raceway fretting: Influence of contact angle. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2019, 233, 1734-1749.	2.1	4
23	A Clustering-Based Framework for Performance Degradation Prediction of Slewing Bearing Using Multiple Physical Signals. ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part B: Mechanical Engineering, 2019, 5, .	1.1	4
24	A new inspection robot system for storage tank. , 2008, , .		3
25	Neuroadaptive control of information-poor servomechanisms with smooth and nonsmooth uncertainties. Complex & Intelligent Systems, 0, , 1.	6.5	3
26	Dynamic research on single-row slewing bearing with local spalling of inner ring. Advances in Mechanical Engineering, 2016, 8, 168781401663248.	1.6	2
27	Influence of the elastic and elastic-plastic material parameters on the mechanical properties of slewing bearings. Advances in Mechanical Engineering, 2021, 13, 168781402199215.	1.6	1
28	Performance Degradation State Recognition of Slewing Bearing Based on Improved Multi-layer Kernel Extreme Learning Machine Auto-encoder. , 2021, , .		1
29	Research on the Optimized Algorithms for Support Vector Regression Model of Slewing Bearing's Residual life Prediction. , 2017, , .		0