RESEARCH & PUBLICATIONS

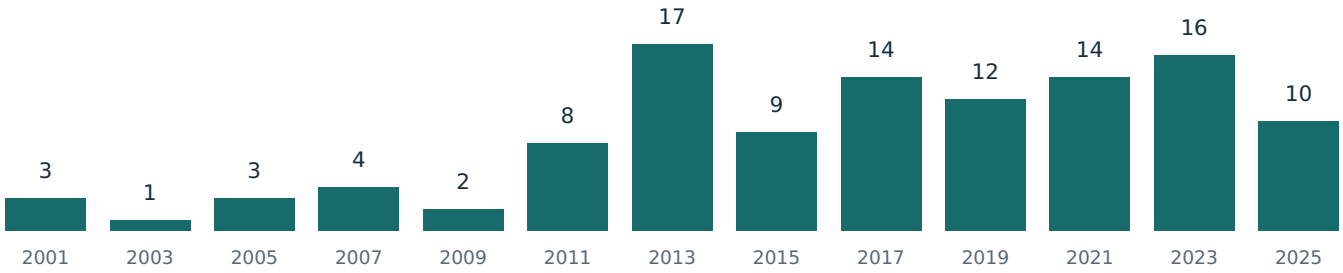
Yongyong He

A publication record at a glance

113	4,210	39
ARTICLES	CITATIONS	h-INDEX

PUBLICATION ACTIVITY

Articles grouped into 2-year periods



MOST CITED IN THIS LIST

Nanolubricant Additives: A Review — 316
2021 Friction

An Investigation on the Tribological Properties of Multilayer Graphene and MoS2 Nanosheets as Additives Used in Hydraulic Applications — 238
2016 Tribology International

Friction-Induced Nano-Structural Evolution of Graphene as a Lubrication Additive — 217
2018 Applied Surface Science

This publication list was generated automatically from the exaly database without manual editing. It reflects the database records available when the document was created.

For the latest record and an updated publication list, visit the author profile:

https://exaly.com/author/8930430

Document version: 2026-11-10 (UTC) | Database snapshot: 2026-11-09

Ordered by publication year, newest first

2026

01 An Ultra-Precision Running-In Chemical Mechanical Polishing Method for Bearing Rollers — 4 citations
International Journal of Mechanical Sciences · 312, 111194
https://exaly.com/article/209022383

02 Bias-Induced Sp^3 Bonding Gradient Design for Enhancing the Frictional Bearing Capacity of Superhard Ta-C Coating — 2 citations
Tribology International · 219, 111780
https://exaly.com/article/210034386

03 Comparative Study of Hollow Cathode Plasma Nitriding vs. Nitrocarburizing on Tribological Behavior of 38CrMoAl Steel — 0 citations
Surfaces and Interfaces · 97, 110110
https://exaly.com/article/215983456

04 Effects of Fine Particle Peening on Surface Integrity and Wear Performance of Flexspline 40CrNiMoA Steel Used in Harmonic Reducers — 0 citations
Meccanica
https://exaly.com/article/227843672

2025

05 Contact Fatigue Limit Prediction Method for Heavy-Duty Gears Considering Hardness Gradient Characteristics — 4 citations
Friction · 13, 9441019
https://exaly.com/article/195388273

06 Comparative Study of Multiple Plasma Nitriding Processes on a Single System — 11 citations
Surface and Coatings Technology · 496, 131688
https://exaly.com/article/195931052

07 High Contact Stress Phase Transition Structural Superlubricity — 10 citations
Carbon · 238, 120306
https://exaly.com/article/199578242

08 Application and Mechanism of Graphene and Polydopamine-Modified Graphene in Anticorrosion Coatings — 9 citations
Frontiers in Materials · 12, 1586574
https://exaly.com/article/202068313

09 Study of Fine Particle Peening Based on the Fully Coupled Thermo-Mechanical Method — 1 citations
Journal of Materials Research and Technology · 38, 2992-2999
https://exaly.com/article/203939096

Ordered by publication year, newest first

2025 / continued

10 The Effects of an Integrated Process of Fine Particle Peening and Plasma Nitrocarburizing on the Performance of Low-Carbon Steel

Results in Engineering · 28, 107221

https://exaly.com/article/205296277

1 citations

2024

11 Tribocorrosion and Surface Protection Technology of Titanium Alloys: A Review

Materials · 17, 65

https://exaly.com/article/174137353

58 citations

12 Structural and Tribological Properties of Sulfonitrocarburizing Layers Prepared by Plasma Nitrocarburizing and Low Temperature Ion Sulfurizing

Surface and Coatings Technology · 478, 130470

https://exaly.com/article/175684717

13 citations

13 Multi-Objective Optimization of Surface Texture Shape in Fluid Mechanical Face Seals Using Mass-Conserving Cavitation Boundary Condition

Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology · 238, 581-599

https://exaly.com/article/176075280

13 citations

14 Ceramic-Based Smart Thin Films

Journal unavailable

https://exaly.com/article/176586429

1 citations

15 Effect of Post-Plasma Nitrocarburized Treatment on Mechanical Properties of Carburized and Quenched 18Cr2Ni4WA Steel

Lubricants · 12, 153

https://exaly.com/article/184998022

10 citations

16 Phase Transition Structural Superlubricity

Matter · 7, 3107-3125

https://exaly.com/article/185459923

22 citations

17 The Effect of Fine Particle Peening on Aviation Gear Performance, Part II: Rolling Contact Fatigue

Fatigue and Fracture of Engineering Materials and Structures · 47, 2988-2999

https://exaly.com/article/185991595

2 citations

18 The Effect of Fine Particle Peening on Aviation Gear Performance, Part I: Surface Integrity

Fatigue and Fracture of Engineering Materials and Structures · 47, 3000-3014

https://exaly.com/article/185998082

6 citations

Ordered by publication year, newest first

2024 / continued

19 Nitrogen–Carbon-Induced Spinodal Structure in Plasma Nitrocarburized 38CrMoAl With Hollow Cathode Discharging

5 citations

Journal of Materials Science · 59, 13305-13322

https://exaly.com/article/187216630

20 Tribological Properties of the Modified Layers Prepared on 38CrMoAl Steel by Plasma Nitrocarburized and Post-Sulfurized Method

6 citations

Vacuum · 228, 113473

https://exaly.com/article/187389831

2023

21 Simulation of Hollow-Cathode-Nitriding Plasma and Design of Diffusion Equipment With DC and RF Dual Discharge

7 citations

Physica Scripta · 98, 025610

https://exaly.com/article/158438102

22 Corrosion Behavior of Nitrided Layer of Ti6Al4V Titanium Alloy by Hollow Cathodic Plasma Source Nitriding

27 citations

Materials · 16, 2961

https://exaly.com/article/162252290

23 Lubrication Properties of Graphene Under Harsh Working Conditions

43 citations

Materials Today Advances · 18, 100369

https://exaly.com/article/164256237

24 Engineering Active-Site-Induced Homogeneous Growth of Polydopamine Nanocontainers on Loading-Enhanced Ultrathin Graphene for Smart Self-Healing Anticorrosion Coatings

34 citations

ACS Applied Materials & Interfaces · 15, 23679-23689

https://exaly.com/article/164346963

25 Improved Seawater Corrosion Resistance of Electron Beam Melting Ti6Al4V Titanium Alloy by Plasma Nitriding

38 citations

Vacuum · 216, 112463

https://exaly.com/article/168627103

26 Solid Lubrication System and Its Plasma Surface Engineering: A Review

28 citations

Lubricants · 11, 473

https://exaly.com/article/171270021

Ordered by publication year, newest first

2022

27 A Smart Healable Anticorrosion Coating With Enhanced Loading of Benzotriazole Enabled by Ultra-Highly Exfoliated Graphene and Mussel-Inspired Chemistry
Carbon · 187, 439-450
https://exaly.com/article/122978841
42 citations

28 Coupling Effect of Boundary Tribofilm and Hydrodynamic Film
Cell Reports Physical Science · 3, 100778
https://exaly.com/article/134770194
18 citations

29 High-Quality Ultra-Flat Reduced Graphene Oxide Nanosheets With Super-Robust Lubrication Performances
Chemical Engineering Journal · 438, 135620
https://exaly.com/article/135095875
52 citations

30 Coupled Optimization of Groove Texture for Parallel Ring–Ring Friction Pairs: Theory and Experiments
Tribology Letters · 70, 1-16
https://exaly.com/article/145173614
15 citations

31 Comparison of Tribological Properties of Nitrided Ti-N Modified Layer and Deposited TiN Coatings on TA2 Pure Titanium
Tribology International · 174, 107712
https://exaly.com/article/148621586
59 citations

32 Controllable Group Tailoring Enables Enhanced pH-Responsive Behaviors of Polydopamine Delivery System in Smart Self-Healing Anticorrosion Coatings
Progress in Organic Coatings · 170, 106989
https://exaly.com/article/149146785
15 citations

2021

33 Hollow Cathodic Plasma Source Nitriding of AISI 4140 Steel
Surface Engineering · 37, 351-359
https://exaly.com/article/77688526
24 citations

34 An Investigation on the Tribological Behaviors of Steel/Copper and Steel/Steel Friction Pairs via Lubrication With a Graphene Additive
Friction · 9, 228-238
https://exaly.com/article/77706189
64 citations

35 Influence of a Carbon-Based Tribofilm Induced by the Friction Temperature on the Tribological Properties of Impregnated Graphite Sliding Against a Cemented Carbide
Friction · 9, 686-696
https://exaly.com/article/77757334
51 citations

Ordered by publication year, newest first

2021 / continued

36 Improvement of the Lubrication Properties of Grease With Mn3O4/Graphene (Mn3O4#G) Nanocomposite Additive
54 citations
Friction · 9, 1361-1377
https://exaly.com/article/77969692

37 Nanolubricant Additives: A Review
316 citations
Friction · 9, 891-917
https://exaly.com/article/77969710

38 In Situ Synthesis of Mn3O4/Graphene Nanocomposite and Its Application as a Lubrication Additive at High Temperatures
50 citations
Applied Surface Science · 546, 149019
https://exaly.com/article/79995790

39 Efficient One-Pot Synthesis of Mussel-Inspired Cu-Doped Polydopamine Nanoparticles With Enhanced Lubrication Under Heavy Loads
51 citations
Chemical Engineering Journal · 426, 131287
https://exaly.com/article/82569780

40 Two-Dimensional (2D) Graphene Nanosheets as Advanced Lubricant Additives: A Critical Review and Prospect
50 citations
Materials Today Communications · 29, 102755
https://exaly.com/article/82585806

2020

41 Optimization of Groove Texture Profile to Improve Hydrodynamic Lubrication Performance: Theory and Experiments
112 citations
Friction · 8, 83-94
https://exaly.com/article/74909538

42 Study on Friction Performance and Mechanism of Slipper Pair Under Different Paired Materials in High-Pressure Axial Piston Pump
42 citations
Friction · 8, 957-969
https://exaly.com/article/75026266

43 Ultrastable Lubricating Properties of Robust Self-Repairing Tribofilms Enabled by in Situ-Assembled Polydopamine Nanoparticles
56 citations
Langmuir · 36, 852-861
https://exaly.com/article/75267581

44 Study on Microstructural and Tribological Properties of Sulphonitrocarburized Layers Diffused by Hollow Cathode Discharging
9 citations
Vacuum · 174, 109188
https://exaly.com/article/77408512

Ordered by publication year, newest first

2020 / continued

45 **Superhigh-Exfoliation Graphene With a Unique Two-Dimensional (2D) Microstructure for Lubrication Application**

45 citations

Applied Surface Science · 513, 145608

https://exaly.com/article/77452294

46 **Properties of Stainless-Steel Surface After Hollow Cathode Assisted Plasma Nitriding**

13 citations

Materials Research Express · 7, 116524

https://exaly.com/article/121258840

2019

47 **In Situ Green Synthesis of the New Sandwichlike Nanostructure of Mn_3O_4/Graphene as Lubricant Additives**

85 citations

ACS Applied Materials & Interfaces · 11, 36931-36938

https://exaly.com/article/72174124

48 **Microstructure, Adhesion and Tribological Properties of CrN/CrTiAlSiN/WCrTiAlN Multilayer Coatings Deposited on Nitrocarburized AISI 4140 Steel**

30 citations

Surface and Coatings Technology · 362, 27-34

https://exaly.com/article/72838861

49 **Acoustic Radiation Simulation and Pre-Stress Effect on Compact Acoustic Levitation Platform**

5 citations

Modern Physics Letters B · 33, 1950080

https://exaly.com/article/73395275

50 **A Novel Route to the Synthesis of an Fe_3O_4/h-BN 2D Nanocomposite as a Lubricant Additive**

44 citations

RSC Advances · 9, 6583-6588

https://exaly.com/article/73524868

51 **Simulation and Experiment of Viscous Torque for Disengaged Wet Clutches of Tracked Vehicle**

11 citations

Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology · 233, 593-604

https://exaly.com/article/74497176

52 **Microstructure, Mechanical and Adhesive Properties of CrN/CrTiAlSiN/WCrTiAlN Multilayer Coatings Deposited on Nitrided AISI 4140 Steel**

51 citations

Materials Characterization · 147, 353-364

https://exaly.com/article/74690332

Ordered by publication year, newest first

2018

53 Plasma Nitriding of AISI 304 Stainless Steel in Cathodic and Floating Electric Potential: Influence on Morphology, Chemical Characteristics and Tribological Behavior

Journal of Materials Engineering and Performance · 27, 948-960

https://exaly.com/article/69061023

27 citations

54 Microstructure and Corrosion Resistance of Nitrogen-Rich Surface Layers on AISI 304 Stainless Steel by Rapid Nitriding in a Hollow Cathode Discharge

Applied Physics A: Materials Science and Processing · 124, 1-10

https://exaly.com/article/69217555

14 citations

55 Friction-Induced Nano-Structural Evolution of Graphene as a Lubrication Additive

Applied Surface Science · 434, 21-27

https://exaly.com/article/69567719

217 citations

56 Influence of the Micromorphology of Reduced Graphene Oxide Sheets on Lubrication Properties as a Lubrication Additive

Tribology International · 119, 614-621

https://exaly.com/article/69655831

81 citations

57 Influence of Annealing on the Tribological Properties of Zr-Based Bulk Metallic Glass

Journal of Non-Crystalline Solids · 481, 94-97

https://exaly.com/article/69705005

30 citations

58 Effect of Hybrid Surface Treatment Composed of Plasma Nitriding and W-Cr-Ti-Al-N Coating on Tribological Behavior of AISI 316L Steel

Tribology Online · 13, 316-319

https://exaly.com/article/70129365

7 citations

59 Enhancement of Pitting Corrosion Resistance of Austenitic Stainless Steel Through Deposition of Amorphous/Nanocrystalline Oxy-Nitrided Phases by Active Screen Plasma Treatment

Materials Research · 21, e20170697

https://exaly.com/article/70836884

10 citations

2017

60 Mild Thermal Reduction of Graphene Oxide as a Lubrication Additive for Friction and Wear Reduction

RSC Advances · 7, 1766-1770

https://exaly.com/article/66062428

63 citations

Ordered by publication year, newest first

2017 / continued

61 Numerical Optimization of the Groove Texture Bottom Profile for Thrust Bearings
63 citations
Tribology International · 109, 69-77
https://exaly.com/article/66747182

62 Microstructures and Tribological Behaviour of Oxynitrided Austenitic Stainless Steel
13 citations
Vacuum · 146, 1-7
https://exaly.com/article/67005193

63 Wear and Corrosion Properties of AISI 420 Martensitic Stainless Steel Treated by Active Screen Plasma Nitriding
126 citations
Surface and Coatings Technology · 329, 184-192
https://exaly.com/article/67027034

64 Synthesis of Thermally Reduced Graphite Oxide in Sulfuric Acid and Its Application as an Efficient Lubrication Additive
75 citations
Tribology International · 116, 303-309
https://exaly.com/article/67537896

65 Comparative Study of the Lubricating Behavior Between 12-In. Copper Disk and Wafer During Chemical Mechanical Polishing
4 citations
Tribology International · 105, 37-41
https://exaly.com/article/67736183

66 Corrosion Behavior of Active Screen Plasma Nitrided 38CrMoAl Steel Under Marine Environment
1 citations
IOP Conference Series: Materials Science and Engineering · 241, 012008
https://exaly.com/article/67834228

2016

67 Highly Exfoliated Reduced Graphite Oxide Powders as Efficient Lubricant Oil Additives
68 citations
Advanced Materials Interfaces · 3, 1600700
https://exaly.com/article/64334647

68 Effect of Potassium Ions on Tantalum Chemical Mechanical Polishing in H2O2-Based Alkaline Slurries
12 citations
ECS Journal of Solid State Science and Technology · 5, P100
https://exaly.com/article/65130082

69 Passivation Kinetics of 1,2,4-Triazole in Copper Chemical Mechanical Polishing
29 citations
ECS Journal of Solid State Science and Technology · 5, P272
https://exaly.com/article/65194063

Ordered by publication year, newest first

2016 / continued

70 An Experimental Investigation of Double-Side Processing of Cylindrical Rollers Using Chemical Mechanical Polishing Technique

30 citations

International Journal of Advanced Manufacturing Technology · 82, 523-534

https://exaly.com/article/65257086

71 An Investigation on the Tribological Properties of Multilayer Graphene and MoS2 Nanosheets as Additives Used in Hydraulic Applications

238 citations

Tribology International · 97, 14-20

https://exaly.com/article/65346448

2015

72 Medium Ion Energy Synthesis of Hard Elastic Fullerene-Like Hydrogenated Carbon Film With Ultra-Low Friction and Wear in Humid Air

10 citations

Materials Letters · 143, 188-190

https://exaly.com/article/61744963

73 Material Removal Mechanism of Copper Chemical Mechanical Polishing in a Periodate-Based Slurry

31 citations

Applied Surface Science · 337, 130-137

https://exaly.com/article/62187180

74 Chemical Mechanical Polishing of Steel Substrate Using Colloidal Silica-Based Slurries

61 citations

Applied Surface Science · 330, 487-495

https://exaly.com/article/62363625

75 Chemical Mechanical Polishing of Stainless Steel as Solar Cell Substrate

24 citations

ECS Journal of Solid State Science and Technology · 4, P162

https://exaly.com/article/62693689

2014

76 Ruthenium and Copper CMP in Periodate-Based Slurry With BTA and K_2MoO_4 as Compound Corrosion Inhibitors

0 citations

Journal unavailable

https://exaly.com/article/58049213

77 Effects of pH and Oxidizer on Chemical Mechanical Polishing of AISI 1045 Steel

17 citations

Tribology Letters · 56, 327-335

https://exaly.com/article/58422259

Ordered by publication year, newest first

2014 / continued

78 Synergetic Effect of Benzotriazole and Non-Ionic Surfactant on Copper Chemical Mechanical Polishing in KIO4-Based Slurries

Thin Solid Films · 558, 272-278

https://exaly.com/article/58703661

58 citations

79 1,2,4-Triazole as a Corrosion Inhibitor in Copper Chemical Mechanical Polishing

Thin Solid Films · 556, 395-404

https://exaly.com/article/58890934

99 citations

80 Functions of Trilon® P as a Polyamine in Copper Chemical Mechanical Polishing

Applied Surface Science · 288, 265-274

https://exaly.com/article/59015912

39 citations

81 Characteristics of the Nitrided Layer Formed on AISI 304 Austenitic Stainless Steel by High Temperature Nitriding Assisted Hollow Cathode Discharge

Materials & Design · 64, 527-534

https://exaly.com/article/59261752

44 citations

82 Effect of Ionic Strength on Ruthenium CMP in H2O2-Based Slurries

Applied Surface Science · 317, 332-337

https://exaly.com/article/59569483

95 citations

83 Synergetic Effect of H2O2 and Glycine on Cobalt CMP in Weakly Alkaline Slurry

Microelectronic Engineering · 122, 82-86

https://exaly.com/article/59776356

116 citations

84 Investigation on the Galvanic Corrosion of Copper During Chemical Mechanical Polishing of Ruthenium Barrier Layer

Journal unavailable

https://exaly.com/article/60044090

6 citations

2013

85 Effect of Slurry Injection Position on Material Removal in Chemical Mechanical Planarization

International Journal of Advanced Manufacturing Technology · 67, 2903-2908

https://exaly.com/article/54905328

18 citations

86 Contact Stress Non-Uniformity of Wafer Surface for Multi-Zone Chemical Mechanical Polishing Process

Science China Technological Sciences · 56, 1974-1979

https://exaly.com/article/54906256

11 citations

Ordered by publication year, newest first

2013 / continued

87 **Kinematic Optimization for Chemical Mechanical Polishing Based on Statistical Analysis of Particle Trajectories** — 38 citations

IEEE Transactions on Semiconductor Manufacturing · 26, 556-563

https://exaly.com/article/55344272

88 **Effect of Zone Pressure on Wafer Bending and Fluid Lubrication Behavior During Multi-Zone CMP Process** — 23 citations

Microelectronic Engineering · 108, 33-38

https://exaly.com/article/55529585

89 **Failure Analysis of Journal Bearing Used in Turboset of a Power Plant** — 35 citations

Materials & Design · 52, 923-931

https://exaly.com/article/55602504

90 **Optimization of Design of Experiment for Chemical Mechanical Polishing of a 12-Inch Wafer** — 18 citations

Microelectronic Engineering · 112, 5-9

https://exaly.com/article/55658538

91 **Wafer Bending/Orientation Characterization and Their Effects on Fluid Lubrication During Chemical Mechanical Polishing** — 7 citations

Tribology International · 66, 330-336

https://exaly.com/article/55665206

92 **Aminosilanization Nanoadhesive Layer for Nanoelectric Circuits With Porous Ultralow Dielectric Film** — 23 citations

ACS Applied Materials & Interfaces · 5, 6097-107

https://exaly.com/article/55924435

2012

93 **Effects of the Polishing Variables on the Wafer-Pad Interfacial Fluid Pressure in Chemical Mechanical Polishing of 12-Inch Wafer** — 11 citations

Journal of the Electrochemical Society · 159, H342

https://exaly.com/article/52344070

94 **Approximate Entropy as a Nonlinear Feature Parameter for Fault Diagnosis in Rotating Machinery** — 49 citations

Measurement Science and Technology · 23, 045603

https://exaly.com/article/52415716

95 **Approximate Entropy Analysis of the Acoustic Emission From Defects in Rolling Element Bearings** — 26 citations

Journal of Vibration and Acoustics, Transactions of the ASME

https://exaly.com/article/52806643

Ordered by publication year, newest first

2012 / continued

96 Effect of Kinematic Parameters and Their Coupling Relationships on Global Uniformity of Chemical-Mechanical Polishing

IEEE Transactions on Semiconductor Manufacturing · 25, 502-510

https://exaly.com/article/53717669

22 citations

2011

97 Experimental Research Into Time–Frequency Characteristics of Cavitation Noise Using Wavelet Scalogram

Applied Acoustics · 72, 721-731

https://exaly.com/article/51567422

40 citations

98 Combining Whitening Filter and Wavelet Transform to De-Noise Cavitation Noise for Cavitation State Monitoring

Insight: Non-Destructive Testing and Condition Monitoring · 53, 205-213

https://exaly.com/article/51645939

0 citations

99 In Situ Measurement of Fluid Pressure at the Wafer-Pad Interface During Chemical Mechanical Polishing of 12-Inch Wafer

Journal of the Electrochemical Society · 159, H22

https://exaly.com/article/51891960

14 citations

100 Modeling the Chemical-Mechanical Synergy During Copper CMP

Journal of the Electrochemical Society · 158, H197

https://exaly.com/article/51902269

22 citations

2010

101 Observation of Time-Frequency Characteristics of the Acoustic Emission From Defects in Rolling Element Bearings

Insight: Non-Destructive Testing and Condition Monitoring · 52, 412-418

https://exaly.com/article/49178750

7 citations

2009

102 Defect Diagnosis for Rolling Element Bearings Using Acoustic Emission

Journal of Vibration and Acoustics, Transactions of the ASME

https://exaly.com/article/45607730

63 citations

2008

103 HYDES: A Web-Based Hydro Turbine Fault Diagnosis System

Expert Systems With Applications · 34, 764-772

https://exaly.com/article/43206571

26 citations

Ordered by publication year, newest first

2008 / continued

104 **Modal Analysis of Rubbing Acoustic Emission for Rotor-Bearing System Based on Reassigned Wavelet Scalogram**

24 citations

Journal of Vibration and Acoustics, Transactions of the ASME

https://exaly.com/article/44916622

2007

105 **Fault Recognition Method Based on Independent Component Analysis and Hidden Markov Model**

17 citations

JVC/Journal of Vibration and Control · 13, 125-137

https://exaly.com/article/41704137

106 **Blind Identification of Threshold Auto-Regressive Model for Machine Fault Diagnosis**

0 citations

Frontiers of Mechanical Engineering in China · 2, 46-49

https://exaly.com/article/43170396

2006

107 **Fault Recognition Method for Speed-Up and Speed-Down Process of Rotating Machinery Based on Independent Component Analysis and Factorial Hidden Markov Model**

50 citations

Journal of Sound and Vibration · 291, 60-71

https://exaly.com/article/40525513

108 **Parametric Bispectrum Analysis of Cracked Rotor Based on Blind Identification of Time Series Models**

1 citations

Journal unavailable

https://exaly.com/article/41146826

2005

109 **Hidden Markov Model-Based Fault Diagnostics Method in Speed-Up and Speed-Down Process for Rotating Machinery**

123 citations

Mechanical Systems and Signal Processing · 19, 329-339

https://exaly.com/article/38082672

2003

110 **Evolutionary Strategy for Classification Problems and Its Application in Fault Diagnostics**

20 citations

Engineering Applications of Artificial Intelligence · 16, 31-38

https://exaly.com/article/35213959

Ordered by publication year, newest first

2002

111 **A Hierarchical Evolutionary Algorithm for Constructing and Training Wavelet Networks** — 26 citations

Neural Computing and Applications · 10, 357-366

https://exaly.com/article/34581412

2001

112 **Using Genetic Algorithms and Finite Element Methods to Detect Shaft Crack for Rotor-Bearing System** — 53 citations

Mathematics and Computers in Simulation · 57, 95-108

https://exaly.com/article/32944087

113 **A Study on Group Decision-Making Based Fault Multi-Symptom-Domain Consensus Diagnosis** — 16 citations

Reliability Engineering and System Safety · 74, 43-52

https://exaly.com/article/33022141

End of list · 113 articles. Citation counts use Exaly’s peer-reviewed cohort.