Daoai Wang

List of Publications by Citations

Source: https://exaly.com/author-pdf/3841448/daoai-wang-publications-by-citations.pdf

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

118 62 4,293 37 h-index g-index citations papers 5.86 122 5,290 9.9 L-index avg, IF ext. citations ext. papers

| # | Paper | IF | Citations |
|-----|--|------------------|-----------|
| 118 | Core/Shell photocatalyst with spatially separated co-catalysts for efficient reduction and oxidation of water. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 11252-6 | 16.4 | 225 |
| 117 | TiO2 Nanotubes with Tunable Morphology, Diameter, and Length: Synthesis and Photo-Electrical/Catalytic Performance. <i>Chemistry of Materials</i> , 2009 , 21, 1198-1206 | 9.6 | 218 |
| 116 | Alumina nanowire forests via unconventional anodization and super-repellency plus low adhesion to diverse liquids. <i>Chemical Communications</i> , 2009 , 1043-5 | 5.8 | 180 |
| 115 | Spontaneous phase and morphology transformations of anodized titania nanotubes induced by water at room temperature. <i>Nano Letters</i> , 2011 , 11, 3649-55 | 11.5 | 170 |
| 114 | A Novel Protocol Toward Perfect Alignment of Anodized TiO2 Nanotubes. <i>Advanced Materials</i> , 2009 , 21, 1964-1967 | 24 | 167 |
| 113 | Integration of Self-Lubrication and Near-Infrared Photothermogenesis for Excellent Anti-Icing/Deicing Performance. <i>Advanced Functional Materials</i> , 2015 , 25, 4237-4245 | 15.6 | 121 |
| 112 | Engineering a Titanium Surface with Controllable Oleophobicity and Switchable Oil Adhesion. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 9938-9944 | 3.8 | 121 |
| 111 | Towards a tunable and switchable water adhesion on a TiO(2) nanotube film with patterned wettability. <i>Chemical Communications</i> , 2009 , 7018-20 | 5.8 | 111 |
| 110 | High output polypropylene nanowire array triboelectric nanogenerator through surface structural control and chemical modification. <i>Nano Energy</i> , 2016 , 19, 48-57 | 17.1 | 104 |
| 109 | Leaves based triboelectric nanogenerator (TENG) and TENG tree for wind energy harvesting. <i>Nano Energy</i> , 2019 , 55, 260-268 | 17.1 | 104 |
| 108 | Continuous Fabrication of Free-Standing TiO2Nanotube Array Membranes with Controllable Morphology for Depositing Interdigitated Heterojunctions. <i>Chemistry of Materials</i> , 2010 , 22, 6656-6664 | 9.6 | 102 |
| 107 | Self-powered ammonia nanosensor based on the integration of the gas sensor and triboelectric nanogenerator. <i>Nano Energy</i> , 2018 , 49, 31-39 | 17.1 | 101 |
| 106 | Electrostatic Self-Assembly of Au Nanoparticles onto Thermosensitive Magnetic Core-Shell Microgels for Thermally Tunable and Magnetically Recyclable Catalysis. <i>Small</i> , 2015 , 11, 2807-16 | 11 | 95 |
| 105 | Microstructured Arrays of TiO2 Nanotubes for Improved Photo-Electrocatalysis and Mechanical Stability. <i>Advanced Functional Materials</i> , 2009 , 19, 1930-1938 | 15.6 | 84 |
| 104 | A new protocol toward high output TENG with polyimide as charge storage layer. <i>Nano Energy</i> , 2017 , 38, 467-476 | 17.1 | 78 |
| 103 | Synthesis and characterization of anatase TiO2 nanotubes and their use in dye-sensitized solar cells. <i>Materials Chemistry and Physics</i> , 2009 , 113, 602-606 | 4.4 | 78 |
| 102 | Polypyrrole nanowire/TiO2 nanotube nanocomposites as photoanodes for photocathodic protection of Ti substrate and 304 stainless steel under visible light. <i>Corrosion Science</i> , 2015 , 98, 471-47 | - 6.8 | 76 |

(2011-2009)

| 101 | Highly flexible coaxial nanohybrids made from porous TiO2 nanotubes. ACS Nano, 2009, 3, 1249-57 | 16.7 | 73 |
|-----|--|---------------|----|
| 100 | Nanoporous Substrate-Infiltrated Hydrogels: a Bioinspired Regenerable Surface for High Load Bearing and Tunable Friction. <i>Advanced Functional Materials</i> , 2015 , 25, 7366-7374 | 15.6 | 61 |
| 99 | Polyelectrolyte Brush Templated Multiple Loading of Pd Nanoparticles onto TiO2 Nanowires via Regenerative Counterion Exchange R eduction. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 7677-7683 | 3.8 | 61 |
| 98 | In situ hydrothermal synthesis of nanolamellate CaTiO3 with controllable structures and wettability. <i>Inorganic Chemistry</i> , 2007 , 46, 7707-9 | 5.1 | 61 |
| 97 | Conducting polymer PPy nanowire-based triboelectric nanogenerator and its application for self-powered electrochemical cathodic protection. <i>Chemical Science</i> , 2016 , 7, 6477-6483 | 9.4 | 61 |
| 96 | Ag Nanoparticle-Loaded Hierarchical Superamphiphobic Surface on an Al Substrate with Enhanced Anticorrosion and Antibacterial Properties. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 25449-25456 | 3.8 | 59 |
| 95 | Solid-liquid triboelectrification in smart U-tube for multifunctional sensors. <i>Nano Energy</i> , 2017 , 40, 95-1 | 06 7.1 | 59 |
| 94 | Paper-based triboelectric nanogenerators and their application in self-powered anticorrosion and antifouling. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 18022-18030 | 13 | 55 |
| 93 | Liquid Solid contact triboelectrification and its use in self-powered nanosensor for detecting organics in water. <i>Nano Energy</i> , 2016 , 30, 321-329 | 17.1 | 55 |
| 92 | Triboelectrification based on double-layered polyaniline nanofibers for self-powered cathodic protection driven by wind. <i>Nano Research</i> , 2018 , 11, 1873-1882 | 10 | 50 |
| 91 | Water-solid triboelectrification with self-repairable surfaces for water-flow energy harvesting. <i>Nano Energy</i> , 2019 , 61, 454-461 | 17.1 | 49 |
| 90 | Antifouling on Geckol Feet Inspired Fibrillar Surfaces: Evolving from Land to Marine and from Liquid Repellency to Algae Resistance. <i>Advanced Materials Interfaces</i> , 2015 , 2, 1500257 | 4.6 | 47 |
| 89 | Controllable TiO2 core-shell phase heterojunction for efficient photoelectrochemical water splitting under solar light. <i>Applied Catalysis B: Environmental</i> , 2019 , 244, 519-528 | 21.8 | 46 |
| 88 | Candle soot as a supercapacitor electrode material. <i>RSC Advances</i> , 2014 , 4, 2586-2589 | 3.7 | 45 |
| 87 | Molybdenum-doped and anatase/rutile mixed-phase TiO 2 nanotube photoelectrode for high photoelectrochemical performance. <i>Journal of Power Sources</i> , 2015 , 281, 411-416 | 8.9 | 44 |
| 86 | Enhancement of photoelectrochemical and photocathodic protection properties of TiO 2 nanotube arrays by simple surface UV treatment. <i>Applied Surface Science</i> , 2017 , 394, 440-445 | 6.7 | 43 |
| 85 | Hierarchical WO3/TiO2 nanotube nanocomposites for efficient photocathodic protection of 304 stainless steel under visible light. <i>Journal of Alloys and Compounds</i> , 2018 , 749, 741-749 | 5.7 | 43 |
| 84 | Fabrication and characterization of extended arrays of Ag2S/Ag nanodot resistive switches. <i>Applied Physics Letters</i> , 2011 , 98, 243109 | 3.4 | 40 |

| 83 | High lubricity and electrical responsiveness of solvent-free ionic SiO2 nanofluids. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 2817-2827 | 13 | 39 |
|----|--|------------------|----|
| 82 | Towards chemically bonded pl heterojunctions through surface initiated electrodeposition of p-type conducting polymer inside TiO2 nanotubes. <i>Journal of Materials Chemistry</i> , 2010 , 20, 6910 | | 39 |
| 81 | Solid Liquid Triboelectrification Control and Antistatic Materials Design Based on Interface Wettability Control. <i>Advanced Functional Materials</i> , 2019 , 29, 1903587 | 15.6 | 36 |
| 80 | Synthesis and characterization of silver nanoparticle loaded mesoporous TiO2 nanobelts. <i>Microporous and Mesoporous Materials</i> , 2008 , 116, 658-664 | 5.3 | 36 |
| 79 | New Self-Healing Triboelectric Nanogenerator Based on Simultaneous Repair Friction Layer and Conductive Layer. <i>ACS Applied Materials & Samp; Interfaces</i> , 2020 , 12, 30390-30398 | 9.5 | 35 |
| 78 | Nanoflower like SnO2-TiO2 nanotubes composite photoelectrode for efficient photocathodic protection of 304 stainless steel. <i>Applied Surface Science</i> , 2018 , 457, 516-521 | 6.7 | 35 |
| 77 | Soft/Hard-Coupled Amphiphilic Polymer Nanospheres for Water Lubrication. <i>ACS Applied Materials & Amp; Interfaces</i> , 2018 , 10, 9178-9187 | 9.5 | 34 |
| 76 | Anti-corrosion of amphoteric metal enhanced by MAO/corrosion inhibitor composite in acid, alkaline and salt solutions. <i>Journal of Colloid and Interface Science</i> , 2019 , 554, 488-499 | 9.3 | 33 |
| 75 | Novel three-dimensional nanoporous alumina as a template for hierarchical TiO2 nanotube arrays. <i>Small</i> , 2013 , 9, 1025-9 | 11 | 33 |
| 74 | A general approach for construction of asymmetric modification membranes for gated flow nanochannels. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 8804-8814 | 13 | 32 |
| 73 | Hydrogenated TiO2 nanotube arrays with enhanced photoelectrochemical property for photocathodic protection under visible light. <i>Materials Letters</i> , 2016 , 185, 81-84 | 3.3 | 31 |
| 72 | New Method for the Corrosion Resistance of AZ31 Mg Alloy with a Porous Micro-Arc Oxidation Membrane as an Ionic Corrosion Inhibitor Container. <i>Langmuir</i> , 2019 , 35, 1134-1145 | 4 | 29 |
| 71 | Bioinspired Self-Healing Organic Materials: Chemical Mechanisms and Fabrications. <i>Journal of Bionic Engineering</i> , 2015 , 12, 1-16 | 2.7 | 28 |
| 70 | Synergistic effect of hydrophobic film and porous MAO membrane containing alkynol inhibitor for enhanced corrosion resistance of magnesium alloy. <i>Surface and Coatings Technology</i> , 2019 , 357, 515-52 | 5 ^{4·4} | 28 |
| 69 | Electrolyte-modulated electrochemistry and electrocatalysis on ferrocene-terminated polyelectrolyte brushes. <i>Journal of Materials Chemistry</i> , 2009 , 19, 8129 | | 27 |
| 68 | Oleic-acid enhanced triboelectric nanogenerator with high output performance and wear resistance. <i>Nano Energy</i> , 2020 , 69, 104435 | 17.1 | 27 |
| 67 | TiO2 hollow spheres with separated Au and RuO2 co-catalysts for efficient photocatalytic water splitting. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 13221-13231 | 6.7 | 25 |
| 66 | Parallel array of nanochannels grafted with polymer-brushes-stabilized Au nanoparticles for flow-through catalysis. <i>Nanoscale</i> , 2013 , 5, 11894-901 | 7.7 | 25 |

(2008-2020)

| 65 | Biofilm material based triboelectric nanogenerator with high output performance in 95% humidity environment. <i>Nano Energy</i> , 2020 , 77, 105088 | 17.1 | 25 |
|----|--|--------|----|
| 64 | New Hydrogen Bonding Enhanced Polyvinyl Alcohol Based Self-Charged Medical Mask with Superior Charge Retention and Moisture Resistance Performances. <i>Advanced Functional Materials</i> , 2021 , 31, 2009172 | 15.6 | 25 |
| 63 | Surface engineering for an enhanced photoelectrochemical response of TiO2 nanotube arrays by simple surface air plasma treatment. <i>Chemical Communications</i> , 2015 , 51, 16940-3 | 5.8 | 24 |
| 62 | Regulation and influence factors of triboelectricity at the solid-liquid interface. <i>Nano Energy</i> , 2020 , 78, 105370 | 17.1 | 24 |
| 61 | Alumina anchored CQDs/TiO2 nanorods by atomic layer deposition for efficient photoelectrochemical water splitting under solar light. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 18293- | ·18303 | 24 |
| 60 | Preparation of hollow mesoporous silica nanospheres: controllable template synthesis and their application in drug delivery. <i>New Journal of Chemistry</i> , 2017 , 41, 14122-14129 | 3.6 | 23 |
| 59 | New Hydrophobic Organic Coating Based Triboelectric Nanogenerator for Efficient and Stable Hydropower Harvesting. <i>ACS Applied Materials & Distributed Materials & Distributed</i> | 9.5 | 22 |
| 58 | Controlling liquid movement on a surface with a macro-gradient structure and wetting behavior. Journal of Materials Chemistry A, 2014 , 2, 5620 | 13 | 22 |
| 57 | Conductive elastic sponge-based triboelectric nanogenerator (TENG) for effective random mechanical energy harvesting and ammonia sensing. <i>Nano Energy</i> , 2021 , 79, 105422 | 17.1 | 22 |
| 56 | Enhanced Photoelectrochemical Water-Splitting Property on TiO Nanotubes by Surface Chemical Modification and Wettability Control. <i>ACS Applied Materials & Amp; Interfaces</i> , 2020 , 12, 20110-20118 | 9.5 | 20 |
| 55 | Self-assembled super-hydrophobic multilayer films with corrosion resistance on copper substrate. <i>RSC Advances</i> , 2016 , 6, 2379-2386 | 3.7 | 18 |
| 54 | Tribological Behaviors of Amorphous Cr Coatings Electrodeposited from Cr(III) Baths under Ionic Liquid Lubrication. <i>Electrochemical and Solid-State Letters</i> , 2007 , 10, D85 | | 18 |
| 53 | Carbon quantum dots (CQDs) modified TiO2 nanorods photoelectrode for enhanced photocathodic protection of Q235 carbon steel. <i>Corrosion Science</i> , 2020 , 176, 108919 | 6.8 | 18 |
| 52 | 3D hierarchical WO3 grown on TiO2 nanotube arrays and their photoelectrochemical performance for water splitting. <i>Journal of Alloys and Compounds</i> , 2017 , 695, 2154-2159 | 5.7 | 16 |
| 51 | Structural engineering of highly ordered TiO2 nanotube array by periodic anodization of titanium. <i>Electrochemistry Communications</i> , 2012 , 23, 68-71 | 5.1 | 16 |
| 50 | Core/Shell Photocatalyst with Spatially Separated Co-Catalysts for Efficient Reduction and Oxidation of Water. <i>Angewandte Chemie</i> , 2013 , 125, 11462-11466 | 3.6 | 16 |
| 49 | Liquid-solid triboelectric nanogenerators array and its applications for wave energy harvesting and self-powered cathodic protection. <i>Energy</i> , 2021 , 217, 119388 | 7.9 | 16 |
| 48 | Electrochemical Characterization of the Solution Accessibility of CaTiO3 Microstructures and Improved Biomineralization. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 16123-16129 | 3.8 | 14 |

| 47 | In situ growth of single-crystal TiO2 nanorod arrays on Ti substrate: Controllable synthesis and photoelectro-chemical water splitting. <i>Nano Research</i> , 2017 , 10, 1021-1032 | 10 | 13 |
|----|--|------|----|
| 46 | Synthesis of Hollow Mesoporous TiO Microspheres with Single and Double Au Nanoparticle Layers for Enhanced Visible-Light Photocatalysis. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 432-439 | 4.5 | 13 |
| 45 | New Coating TENG with Antiwear and Healing Functions for Energy Harvesting. <i>ACS Applied Materials & ACS Applied Materials & ACS Applied</i> | 9.5 | 12 |
| 44 | Control of triboelectricity by mechanoluminescence in ZnS/Mn-containing polymer films. <i>Nano Energy</i> , 2021 , 90, 106646 | 17.1 | 12 |
| 43 | New inorganic coating-based triboelectric nanogenerators with anti-wear and self-healing properties for efficient wave energy harvesting. <i>Applied Materials Today</i> , 2020 , 20, 100645 | 6.6 | 11 |
| 42 | Highly wearable, machine-washable, and self-cleaning fabric-based triboelectric nanogenerator for wireless drowning sensors. <i>Nano Energy</i> , 2022 , 93, 106835 | 17.1 | 10 |
| 41 | Gas-solid two-phase flow-driven triboelectric nanogenerator for wind-sand energy harvesting and self-powered monitoring sensor. <i>Nano Energy</i> , 2021 , 85, 106023 | 17.1 | 10 |
| 40 | Leaf-like MXene nanosheets intercalated TiO2 nanorod array photoelectrode with enhanced photoelectrochemical performance. <i>Journal of Power Sources</i> , 2021 , 484, 229236 | 8.9 | 10 |
| 39 | Reversible Temperature-Sensitive Liquid Solid Triboelectrification with Polycaprolactone Material for Wetting Monitoring and Temperature Sensing. <i>Advanced Functional Materials</i> , 2021 , 31, 2010220 | 15.6 | 10 |
| 38 | Research methods of contact electrification: Theoretical simulation and experiment. <i>Nano Energy</i> , 2021 , 79, 105501 | 17.1 | 9 |
| 37 | Preparation of Gold Shells on Hollow Mesoporous Silica Nanospheres and Application to Photothermal-Chemotherapy. <i>ChemistrySelect</i> , 2017 , 2, 3969-3975 | 1.8 | 8 |
| 36 | Recent progress in red semiconductor photocatalysts for solar energy conversion and utilization. <i>Nanotechnology Reviews</i> , 2016 , 5, | 6.3 | 8 |
| 35 | A new synergetic system based on triboelectric nanogenerator and corrosion inhibitor for enhanced anticorrosion performance. <i>Nano Energy</i> , 2021 , 91, 106696 | 17.1 | 8 |
| 34 | Hollow hematite single crystals deposited with ultra-thin AlO by atom layer deposition for improved photoelectrochemical performance. <i>Dalton Transactions</i> , 2017 , 46, 10635-10640 | 4.3 | 7 |
| 33 | Preparation and characterization of magnetic nanocomposite catalysts with double Au nanoparticle layers. <i>RSC Advances</i> , 2015 , 5, 99697-99705 | 3.7 | 7 |
| 32 | Concealed Wireless Warning Sensor Based on Triboelectrification and Human-Plant Interactive Induction. <i>Research</i> , 2021 , 2021, 9870936 | 7.8 | 7 |
| 31 | A triboelectric/electromagnetic hybrid generator for efficient wind energy collection and power supply for electronic devices. <i>Science China Technological Sciences</i> , 2021 , 64, 2003-2011 | 3.5 | 7 |
| 30 | Humidity-resistant triboelectric nanogenerator and its applications in wind energy harvesting and self-powered cathodic protection. <i>Electrochimica Acta</i> , 2021 , 391, 138994 | 6.7 | 7 |

| 29 | Complete Prevention of Contact Electrification by Molecular Engineering. <i>Matter</i> , 2021 , 4, 290-301 | 12.7 | 7 |
|----|--|------|---|
| 28 | A New Self-Healing Triboelectric Nanogenerator Based on Polyurethane Coating and Its Application for Self-Powered Cathodic Protection <i>ACS Applied Materials & Description of the Protection of the of </i> | 9.5 | 7 |
| 27 | Control methods and applications of interface contact electrification of triboelectric nanogenerators: a review. <i>Materials Research Letters</i> , 2022 , 10, 97-123 | 7.4 | 6 |
| 26 | An asymmetric AC electric field of triboelectric nanogenerator for efficient water/oil emulsion separation. <i>Nano Energy</i> , 2021 , 90, 106641 | 17.1 | 6 |
| 25 | Controlling the tribological behavior at the friction interface by regulating the triboelectrification. <i>Nano Energy</i> , 2021 , 87, 106183 | 17.1 | 6 |
| 24 | Rabbit hair regenerative superhydrophobicity. <i>RSC Advances</i> , 2014 , 4, 3611-3614 | 3.7 | 5 |
| 23 | An Anodized Titanium/Sol-Gel Composite Coating with Self-Healable Superhydrophobic and Oleophobic Property. <i>Frontiers in Materials</i> , 2021 , 8, | 4 | 5 |
| 22 | A new method for the electrostatic manipulation of droplet movement by triboelectric nanogenerator. <i>Nano Energy</i> , 2021 , 86, 106115 | 17.1 | 5 |
| 21 | Influence of interface liquid lubrication on triboelectrification of point contact friction pair. <i>Tribology International</i> , 2021 , 165, 107323 | 4.9 | 4 |
| 20 | A Exyclodextrin enhanced polyethylene terephthalate film with improved contact charging ability in a high humidity environment. <i>Nanoscale Advances</i> , | 5.1 | 4 |
| 19 | Triboelectrification of interface controlled by photothermal materials based on electron transfer. <i>Nano Energy</i> , 2021 , 89, 106336 | 17.1 | 4 |
| 18 | Interfacial triboelectrification-modulated self-recoverable and thermally stable mechanoluminescence in mixed-anion compounds. <i>Nano Energy</i> , 2022 , 96, 107075 | 17.1 | 4 |
| 17 | A New Reversible Thermosensitive Liquid-Solid TENG Based on a P(NIPAM-MMA) Copolymer for Triboelectricity Regulation and Temperature Monitoring <i>Small</i> , 2022 , e2201442 | 11 | 4 |
| 16 | Hydrophobic MAO/FSG coating based TENG for self-healable energy harvesting and self-powered cathodic protection. <i>Science China Technological Sciences</i> , 2022 , 65, 726 | 3.5 | 3 |
| 15 | Green plant-based triboelectricity system for green energy harvesting and contact warning. <i>EcoMat</i> , 2021 , 3, e12145 | 9.4 | 3 |
| 14 | Ta2O5 NTs-TiO2 nanodots heterostructure photocatalyst material for enhanced photodegradation and photoelectrochemical performance under simulated solar light. <i>Journal of Nanoparticle Research</i> , 2020 , 22, 1 | 2.3 | 3 |
| 13 | Manipulating Electrical Properties of Silica-Based Materials via Atomic Oxygen Irradiation. <i>ACS Applied Materials & Discourse (Materials & Discours)</i> 13, 15344-15352 | 9.5 | 3 |
| 12 | Ice-based triboelectric nanogenerator with low friction and self-healing properties for energy harvesting and ice broken warning. <i>Nano Energy</i> , 2022 , 97, 107144 | 17.1 | 3 |

| 11 | Surface engineering and on-site charge neutralization for the regulation of contact electrification. <i>Nano Energy</i> , 2022 , 91, 106687 | 17.1 | 2 |
|----|---|-----------------|---|
| 10 | A new strategy for tube leakage and blockage detection using bubble motion-based solid-liquid triboelectric sensor. <i>Science China Technological Sciences</i> , 2022 , 65, 282 | 3.5 | 2 |
| 9 | Hydrophobic organic coating based water-solid TENG for water-flow energy collection and self-powered cathodic protection. <i>Frontiers of Materials Science</i> , 2021 , 15, 601 | 2.5 | 2 |
| 8 | New starch capsules with antistatic, anti-wear and superlubricity properties. <i>Frontiers of Materials Science</i> , 2021 , 15, 266-279 | 2.5 | 2 |
| 7 | A new SiP QDs/TiO2 NRs composite catalyst with Al2O3 passivation layer for enhanced photoelectrochemical water splitting. <i>Chemical Engineering Journal</i> , 2022 , 429, 132248 | 14.7 | 2 |
| 6 | Tribological-behaviour-controlled Direct-current Triboelectric Nanogenerator Based on the Tribovoltaic Effect under High Contact Pressure. <i>Nano Energy</i> , 2022 , 107370 | 17.1 | 2 |
| 5 | Adhesion: Gecko-Inspired but Chemically Switched Friction and Adhesion on Nanofibrillar Surfaces (Small 9-10/2015). <i>Small</i> , 2015 , 11, 1130-1130 | 11 | 1 |
| 4 | Hierarchical Structures: Novel Three-Dimensional Nanoporous Alumina as a Template for Hierarchical TiO2 Nanotube Arrays (Small 7/2013). <i>Small</i> , 2013 , 9, 1120-1120 | 11 | 1 |
| 3 | Nanotribology of SiP nanosheets: Effect of thickness and sliding velocity. <i>Friction</i> ,1 | 5.6 | 1 |
| 2 | Mechanism and regulation of peeling-electrification in adhesive interface. <i>Nano Energy</i> , 2022 , 95, 1070 |)1 1 7.1 | O |

Effect of Boundary Slippage on Foul Release **2015**, 151-175