

# Jianfeng Ping

## List of Publications by Citations

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

113  
papers

6,077  
citations

41  
h-index

76  
g-index

117  
ext. papers

7,842  
ext. citations

11  
avg, IF

6.55  
L-index

| #   | Paper  | IF   | Citations |
|-----|--|------|-----------|
| 113 | Ultrathin 2D Metal-Organic Framework Nanosheets. <i>Advanced Materials</i> , <b>2015</b> , 27, 7372-8  | 24   | 684       |
| 112 | Bioinspired Design of Ultrathin 2D Bimetallic Metal-Organic-Framework Nanosheets Used as Biomimetic Enzymes. <i>Advanced Materials</i> , <b>2016</b> , 28, 4149-55   | 24   | 320       |
| 111 | Simultaneous determination of ascorbic acid, dopamine and uric acid using high-performance screen-printed graphene electrode. <i>Biosensors and Bioelectronics</i> , <b>2012</b> , 34, 70-6                                | 11.8 | 317       |
| 110 | Self-Assembly of Single-Layer CoAl-Layered Double Hydroxide Nanosheets on 3D Graphene Network Used as Highly Efficient Electrocatalyst for Oxygen Evolution Reaction. <i>Advanced Materials</i> , <b>2016</b> , 28, 7640-5 | 24   | 296       |
| 109 | Recent advances in nanomaterial-based biosensors for antibiotics detection. <i>Biosensors and Bioelectronics</i> , <b>2017</b> , 91, 504-514   | 11.8 | 232       |
| 108 | Direct electrochemical reduction of graphene oxide on ionic liquid doped screen-printed electrode and its electrochemical biosensing application. <i>Biosensors and Bioelectronics</i> , <b>2011</b> , 28, 204-9           | 11.8 | 196       |
| 107 | All-electrospun flexible triboelectric nanogenerator based on metallic MXene nanosheets. <i>Nano Energy</i> , <b>2019</b> , 59, 268-276  | 17.1 | 174       |
| 106 | Impedimetric immunosensor based on gold nanoparticles modified graphene paper for label-free detection of Escherichia coli O157:H7. <i>Biosensors and Bioelectronics</i> , <b>2013</b> , 49, 492-8                         | 11.8 | 152       |
| 105 | Recent advances in aptasensors based on graphene and graphene-like nanomaterials. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 64, 373-85  | 11.8 | 148       |
| 104 | Recent Advances in Sensing Applications of Two-Dimensional Transition Metal Dichalcogenide Nanosheets and Their Composites. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1605817                               | 15.6 | 137       |
| 103 | Application of electrochemically reduced graphene oxide on screen-printed ion-selective electrode. <i>Analytical Chemistry</i> , <b>2012</b> , 84, 3473-9  | 7.8  | 135       |
| 102 | Development of an electrochemically reduced graphene oxide modified disposable bismuth film electrode and its application for stripping analysis of heavy metals in milk. <i>Food Chemistry</i> , <b>2014</b> , 151, 65-71 | 8.5  | 128       |
| 101 | Development of an all-solid-state potassium ion-selective electrode using graphene as the solid-contact transducer. <i>Electrochemistry Communications</i> , <b>2011</b> , 13, 1529-1532                                   | 5.1  | 116       |
| 100 | Recent advances in nanomaterial-enabled screen-printed electrochemical sensors for heavy metal detection. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2019</b> , 115, 187-202  | 14.6 | 111       |
| 99  | Recent advances in solid-contact ion-selective electrodes: functional materials, transduction mechanisms, and development trends. <i>Chemical Society Reviews</i> , <b>2020</b> , 49, 4405-4465                            | 58.5 | 106       |
| 98  | Simultaneous determination of Cd(II) and Pb(II) ions in honey and milk samples using a single-walled carbon nanohorns modified screen-printed electrochemical sensor. <i>Food Chemistry</i> , <b>2019</b> , 274, 8-15      | 8.5  | 93        |
| 97  | Flexible freestanding graphene paper-based potentiometric enzymatic aptasensor for ultrasensitive wireless detection of kanamycin. <i>Biosensors and Bioelectronics</i> , <b>2019</b> , 123, 178-184                       | 11.8 | 89        |

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|----|--|------|----|
| 96 | In Situ Synthesis of Metal Sulfide Nanoparticles Based on 2D Metal-Organic Framework Nanosheets. <i>Small</i> , <b>2016</b> , 12, 4669-74  | 11   | 88 |
| 95 | Recent Progress in Nanomaterial-Based Optical Aptamer Assay for the Detection of Food Chemical Contaminants. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 23287-23301  | 9.5  | 87 |
| 94 | Recent developments in carbon nanomaterial-enabled electrochemical sensors for nitrite detection. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2019</b> , 113, 1-12   | 14.6 | 86 |
| 93 | Self-reduction bimetallic nanoparticles on ultrathin MXene nanosheets as functional platform for pesticide sensing. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 384, 121358  | 12.8 | 79 |
| 92 | Carbon nanomaterial-enabled pesticide biosensors: Design strategy, biosensing mechanism, and practical application. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2018</b> , 106, 62-83  | 14.6 | 78 |
| 91 | A multifunctional and highly flexible triboelectric nanogenerator based on MXene-enabled porous film integrated with laser-induced graphene electrode. <i>Nano Energy</i> , <b>2019</b> , 66, 104121   | 17.1 | 78 |
| 90 | Copper oxide nanoparticles and ionic liquid modified carbon electrode for the non-enzymatic electrochemical sensing of hydrogen peroxide. <i>Mikrochimica Acta</i> , <b>2010</b> , 171, 117-123  | 5.8  | 78 |
| 89 | One-step and large-scale fabrication of flexible and wearable humidity sensor based on laser-induced graphene for real-time tracking of plant transpiration at bio-interface. <i>Biosensors and Bioelectronics</i> , <b>2020</b> , 165, 112360 | 11.8 | 73 |
| 88 | Recent progress in application of nanomaterial-enabled biosensors for ochratoxin A detection. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2018</b> , 102, 236-249  | 14.6 | 69 |
| 87 | Highly conductive 1D-2D composite film for skin-mountable strain sensor and stretchable triboelectric nanogenerator. <i>Nano Energy</i> , <b>2019</b> , 62, 319-328  | 17.1 | 61 |
| 86 | Contamination-free visual detection of SARS-CoV-2 with CRISPR/Cas12a: A promising method in the point-of-care detection. <i>Biosensors and Bioelectronics</i> , <b>2020</b> , 169, 112642  | 11.8 | 59 |
| 85 | Recent Advances in Nanomaterial-Enabled Wearable Sensors: Material Synthesis, Sensor Design, and Personal Health Monitoring. <i>Small</i> , <b>2020</b> , 16, e2002681   | 11   | 55 |
| 84 | Nucleic acid amplification free biosensors for pathogen detection. <i>Biosensors and Bioelectronics</i> , <b>2020</b> , 153, 112049  | 11.8 | 52 |
| 83 | Metallic Transition Metal Dichalcogenide Nanosheets as an Effective and Biocompatible Transducer for Electrochemical Detection of Pesticide. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 11658-11664                                       | 7.8  | 51 |
| 82 | Carbon dots: Current advances in pathogenic bacteria monitoring and prospect applications. <i>Biosensors and Bioelectronics</i> , <b>2020</b> , 156, 112085  | 11.8 | 50 |
| 81 | Spontaneous growth and regulation of noble metal nanoparticles on flexible biomimetic MXene paper for bioelectronics. <i>Biosensors and Bioelectronics</i> , <b>2020</b> , 148, 111799   | 11.8 | 50 |
| 80 | High-performance flexible potentiometric sensing devices using free-standing graphene paper. <i>Journal of Materials Chemistry B</i> , <b>2013</b> , 1, 4781-4791  | 7.3  | 49 |
| 79 | Evaluation of trace heavy metal levels in soil samples using an ionic liquid modified carbon paste electrode. <i>Journal of Agricultural and Food Chemistry</i> , <b>2011</b> , 59, 4418-23  | 5.7  | 49 |

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| 78 | Development of an ionic liquid modified screen-printed graphite electrode and its sensing in determination of dopamine. <i>Electrochemistry Communications</i> , <b>2010</b> , 12, 1738-1741   | 5.1  | 49 |
| 77 | Fully stretchable triboelectric nanogenerator for energy harvesting and self-powered sensing. <i>Nano Energy</i> , <b>2019</b> , 61, 78-85   | 17.1 | 48 |
| 76 | Electrochemical doping of three-dimensional graphene networks used as efficient electrocatalysts for oxygen reduction reaction. <i>Nanoscale</i> , <b>2015</b> , 7, 9394-8   | 7.7  | 48 |
| 75 | An amperometric sensor based on Prussian blue and poly(o-phenylenediamine) modified glassy carbon electrode for the determination of hydrogen peroxide in beverages. <i>Food Chemistry</i> , <b>2011</b> , 126, 2005-9               | 8.5  | 45 |
| 74 | Adhesive curing through low-voltage activation. <i>Nature Communications</i> , <b>2015</b> , 6, 8050   | 17.4 | 44 |
| 73 | Recent advances in graphene-based freestanding paper-like materials for sensing applications. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2018</b> , 105, 75-88  | 14.6 | 42 |
| 72 | One-Step and Spontaneous in Situ Growth of Popcorn-like Nanostructures on Stretchable Double-Twisted Fiber for Ultrasensitive Textile Pressure Sensor. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 10689-10696 | 9.5  | 41 |
| 71 | Smart plant-wearable biosensor for in-situ pesticide analysis. <i>Biosensors and Bioelectronics</i> , <b>2020</b> , 170, 112636  | 11.8 | 39 |
| 70 | Sensitive determination of (-)-epigallocatechin gallate in tea infusion using a novel ionic liquid carbon paste electrode. <i>Journal of Agricultural and Food Chemistry</i> , <b>2012</b> , 60, 6333-40                             | 5.7  | 38 |
| 69 | Visual detection for nucleic acid-based techniques as potential on-site detection methods. A review. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1099, 1-15  | 6.6  | 38 |
| 68 | A multifunctional TENG yarn integrated into agrotexile for building intelligent agriculture. <i>Nano Energy</i> , <b>2020</b> , 74, 104863   | 17.1 | 37 |
| 67 | Determination of ascorbic acid levels in food samples by using an ionic liquid-carbon nanotube composite electrode. <i>Food Chemistry</i> , <b>2012</b> , 135, 362-7   | 8.5  | 37 |
| 66 | Rapid Fabrication of Flexible and Stretchable Strain Sensor by Chitosan-Based Water Ink for Plants Growth Monitoring. <i>Advanced Materials Technologies</i> , <b>2017</b> , 2, 1700021  | 6.8  | 35 |
| 65 | End-point dual specific detection of nucleic acids using CRISPR/Cas12a based portable biosensor. <i>Biosensors and Bioelectronics</i> , <b>2020</b> , 157, 112153  | 11.8 | 35 |
| 64 | All-solid-state nitrate-selective electrode and its application in drinking water. <i>Electrochimica Acta</i> , <b>2012</b> , 81, 186-190  | 6.7  | 34 |
| 63 | Colorimetric aggregation assay for kanamycin using gold nanoparticles modified with hairpin DNA probes and hybridization chain reaction-assisted amplification. <i>Mikrochimica Acta</i> , <b>2019</b> , 186, 448                    | 5.8  | 33 |
| 62 | Transition Metal Dichalcogenide-Silk Nanofibril Membrane for One-Step Water Purification and Precious Metal Recovery. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 24521-24530                                  | 9.5  | 33 |
| 61 | Breathable Nanogenerators for an On-Plant Self-Powered Sustainable Agriculture System. <i>ACS Nano</i> , <b>2021</b> , 15, 5307-5315   | 16.7 | 32 |

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| 60 | Phase-Dependent Fluorescence Quenching Efficiency of MoS Nanosheets and Their Applications in Multiplex Target Biosensing. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 42009-42017                 | 9.5  | 31 |
| 59 | A self-charging device with bionic self-cleaning interface for energy harvesting. <i>Nano Energy</i> , <b>2020</b> , 73, 104738  | 17.1 | 30 |
| 58 | Development of an aptamer-based impedimetric bioassay using microfluidic system and magnetic separation for protein detection. <i>Biosensors and Bioelectronics</i> , <b>2014</b> , 59, 106-11                           | 11.8 | 30 |
| 57 | Determination of trace heavy metals in milk using an ionic liquid and bismuth oxide nanoparticles modified carbon paste electrode. <i>Science Bulletin</i> , <b>2012</b> , 57, 1781-1787                                 |      | 30 |
| 56 | Contamination-free visual detection of CaMV35S promoter amplicon using CRISPR/Cas12a coupled with a designed reaction vessel: Rapid, specific and sensitive. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1096, 130-137 | 6.6  | 27 |
| 55 | Highly Efficient Raindrop Energy-Based Triboelectric Nanogenerator for Self-Powered Intelligent Greenhouse. <i>ACS Nano</i> , <b>2021</b> ,  | 16.7 | 27 |
| 54 | All-solid-state potentiometric sensor using single-walled carbon nanohorns as transducer. <i>Sensors and Actuators B: Chemical</i> , <b>2019</b> , 283, 284-289  | 8.5  | 27 |
| 53 | Evaluation of trans-resveratrol level in grape wine using laser-induced porous graphene-based electrochemical sensor. <i>Science of the Total Environment</i> , <b>2020</b> , 714, 136687                                | 10.2 | 26 |
| 52 | A Prussian blue-based amperometric sensor for the determination of hydrogen peroxide residues in milk. <i>Ionics</i> , <b>2010</b> , 16, 523-527   | 2.7  | 26 |
| 51 | An unmodified gold nanorods-based DNA colorimetric biosensor with enzyme-free hybridization chain reaction amplification. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 273, 642-648                          | 8.5  | 26 |
| 50 | Ultrathin transition-metal dichalcogenide nanosheet-based colorimetric sensor for sensitive and label-free detection of DNA. <i>Sensors and Actuators B: Chemical</i> , <b>2019</b> , 290, 565-572                       | 8.5  | 23 |
| 49 | Recent advances in emerging DNA-based methods for genetically modified organisms (GMOs) rapid detection. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2018</b> , 109, 19-31   | 14.6 | 22 |
| 48 | Fully Written Flexible Potentiometric Sensor Using Two-Dimensional Nanomaterial-Based Conductive Ink. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 13088-13095  | 7.8  | 22 |
| 47 | A stretchable and conductive fiber for multifunctional sensing and energy harvesting. <i>Nano Energy</i> , <b>2021</b> , 84, 105954  | 17.1 | 21 |
| 46 | Biotriboelectric Nanogenerators: Materials, Structures, and Applications. <i>Advanced Energy Materials</i> , <b>2020</b> , 10, 2002001   | 21.8 | 20 |
| 45 | Advanced DNA-based methods for the detection of peanut allergens in processed food. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2019</b> , 114, 278-292  | 14.6 | 19 |
| 44 | Water-Wave Driven Route Avoidance Warning System for Wireless Ocean Navigation. <i>Advanced Energy Materials</i> , <b>2021</b> , 11, 2101116   | 21.8 | 19 |
| 43 | Two-dimensional MXene nanosheets (types TiCT and TiCT) as new ion-to-electron transducers in solid-contact calcium ion-selective electrodes. <i>Mikrochimica Acta</i> , <b>2019</b> , 186, 750                           | 5.8  | 18 |

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| 42 | Recent Progress in 2D-Nanomaterial-Based Triboelectric Nanogenerators. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2009994   | 15.6 | 18 |
| 41 | Stimulation of ambient energy generated electric field on crop plant growth. <i>Nature Food</i> ,   | 14.4 | 17 |
| 40 | Magnetic particles for integrated nucleic acid purification, amplification and detection without pipetting. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2020</b> , 127, 115912  | 14.6 | 13 |
| 39 | Alchemy-Inspired Green Paper for Spontaneous Recovery of Noble Metals. <i>Small</i> , <b>2020</b> , 16, e1907282  | 11   | 12 |
| 38 | Metamaterial-Free Flexible Graphene-Enabled Terahertz Sensors for Pesticide Detection at Bio-Interface. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 44281-44287 | 9.5  | 12 |
| 37 | A novel pH sensing membrane based on an ionic liquid-polymer composite. <i>Mikrochimica Acta</i> , <b>2012</b> , 176, 229-234   | 5.8  | 11 |
| 36 | Structure, synthesis, and sensing applications of single-walled carbon nanohorns. <i>Biosensors and Bioelectronics</i> , <b>2020</b> , 167, 112495                                    | 11.8 | 11 |
| 35 | Counting DNA molecules with visual segment-based readouts in minutes. <i>Chemical Communications</i> , <b>2018</b> , 54, 1105-1108  | 5.8  | 10 |
| 34 | Novel Photochrome Aptamer Switch Assay (PHASA) for adaptive binding to aptamers. <i>Journal of Fluorescence</i> , <b>2014</b> , 24, 1581-91   | 2.4  | 10 |
| 33 | Design and synthesis of a task-specific ionic liquid as a transducer in potentiometric sensors. <i>RSC Advances</i> , <b>2013</b> , 3, 19782  | 3.7  | 10 |
| 32 | Wireless Technologies for Energy Harvesting and Transmission for Ambient Self-Powered Systems. <i>ACS Nano</i> , <b>2021</b> , 15, 9328-9354  | 16.7 | 10 |
| 31 | A Filter Paper-Based Nanogenerator via Water-Drop Flow. <i>Advanced Sustainable Systems</i> , <b>2019</b> , 3, 1900032  | 3.2  | 9  |
| 30 | Noble metal alloy nanoparticles coated flexible MoS paper for the determination of reactive oxygen species. <i>Biosensors and Bioelectronics</i> , <b>2020</b> , 166, 112463          | 11.8 | 9  |
| 29 | Sustainable Natural Bio-Origin Materials for Future Flexible Devices.. <i>Advanced Science</i> , <b>2022</b> , e2200560   | 13.6 | 9  |
| 28 | Development of a Graphene Paper-Based Flexible Solid-Contact Lead Ion-Selective Electrode and its Application in Water. <i>Transactions of the ASABE</i> , <b>2019</b> , 62, 245-252  | 0.9  | 8  |
| 27 | A Flexible, Recyclable, and High-Performance Pullulan-Based Triboelectric Nanogenerator (TENG). <i>Advanced Materials Technologies</i> , <b>2020</b> , 5, 1900905                     | 6.8  | 8  |
| 26 | Fluorinated Graphene-Enabled Durable Triboelectric Coating for Water Energy Harvesting. <i>Small</i> , <b>2021</b> , 17, e2007805   | 11   | 8  |
| 25 | Development of a Novel Carbon Composite Electrode for Trace Determination of Heavy Metals in Milk. <i>Transactions of the ASABE</i> , <b>2011</b> , 54, 1829-1835                     | 0.9  | 7  |

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| 24 | Recent Advances in Plant Nanoscience. <i>Advanced Science</i> , <b>2021</b> , 9, e2103414  | 13.6 | 7 |
| 23 | Nanomaterial-based biosensors for agro-product safety. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2021</b> , 143, 116369  | 14.6 | 7 |
| 22 | A flexible virtual sensor array based on laser-induced graphene and MXene for detecting volatile organic compounds in human breath. <i>Analyst, The</i> , <b>2021</b> , 146, 5704-5713   | 5    | 7 |
| 21 | Two-dimensional nanocomposite-based electrochemical sensor for rapid determination of trans-resveratrol. <i>Science of the Total Environment</i> , <b>2020</b> , 742, 140351   | 10.2 | 6 |
| 20 | Direct electrochemistry of double strand DNA on ionic liquid modified screen-printed graphite electrode. <i>Electrochimica Acta</i> , <b>2011</b> , 56, 4154-4158  | 6.7  | 6 |
| 19 | Omnidirectional Wind Energy Harvester for Self-Powered Agro-Environmental Information Sensing. <i>Nano Energy</i> , <b>2021</b> , 106686   | 17.1 | 6 |
| 18 | Growth-Controllable Triboelectric Nanogenerator Based on Surface-Attached Metal-Organic Framework Layer on Living Leaf. <i>Small</i> , <b>2021</b> , 17, e2103430  | 11   | 6 |
| 17 | Determination of Inorganic Phosphate in Environmental Water Using Cobalt Film Modified Ionic Liquid-Carbon Paste Electrode. <i>Transactions of the ASABE</i> , <b>2013</b> , 56, 779-785   | 0.9  | 5 |
| 16 | Triphenylamine as a conductive solid material for fabricating carbon electrodes. <i>Mikrochimica Acta</i> , <b>2011</b> , 172, 241-245   | 5.8  | 5 |
| 15 | Carbon nanomaterial-based nanogenerators for harvesting energy from environment. <i>Nano Energy</i> , <b>2021</b> , 90, 106494   | 17.1 | 5 |
| 14 | A disposable electrochemical sensor based on electrospinning of molecularly imprinted nanohybrid films for highly sensitive determination of the organotin acaricide cyhexatin. <i>Mikrochimica Acta</i> , <b>2019</b> , 186, 504    | 5.8  | 4 |
| 13 | Screen-Printed Potentiometric Strip for Calcium Ion Determination in Water and Milk. <i>Transactions of the ASABE</i> , <b>2013</b> , 56, 739-744  | 0.9  | 4 |
| 12 | The use of the platinum electrode coated with ultrathin poly(allylamine hydrochloride)/Nafion films for selective detection of hydrogen peroxide. <i>Ionics</i> , <b>2011</b> , 17, 443-449  | 2.7  | 4 |
| 11 | A flexible and fully integrated wearable pressure sensing chip system for multi-scenario applications. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 26875-26884  | 13   | 4 |
| 10 | Flexible complementary circuits operating at sub-0.5 V via hybrid organic-inorganic electrolyte-gated transistors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,       | 11.5 | 4 |
| 9  | Recent Advances in g-C N -Based Photocatalysts for Pollutant Degradation and Bacterial Disinfection: Design Strategies, Mechanisms, and Applications. <i>Small</i> , <b>2021</b> , e2105089  | 11   | 3 |
| 8  | Nanosheet Sensors: Recent Advances in Sensing Applications of Two-Dimensional Transition Metal Dichalcogenide Nanosheets and Their Composites (Adv. Funct. Mater. 19/2017). <i>Advanced Functional Materials</i> , <b>2017</b> , 27, | 15.6 | 2 |
| 7  | Progress in molecular detection with high-speed nucleic acids thermocyclers. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2020</b> , 190, 113489  | 3.5  | 2 |

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| 6 | Noble Metal Regeneration: Alchemy-Inspired Green Paper for Spontaneous Recovery of Noble Metals (Small 33/2020). <i>Small</i> , <b>2020</b> , 16, 2070184                        | 11   | 2 |
| 5 | An anti-passivation ink for the preparation of electrodes for use in electrochemical immunoassays. <i>Journal of Zhejiang University: Science B</i> , <b>2018</b> , 19, 726-734  | 4.5  | 2 |
| 4 | Anion-Selective Layered Double Hydroxide Composites-Based Osmotic Energy Conversion for Real-Time Nutrient Solution Detection.. <i>Advanced Science</i> , <b>2022</b> , e2103696 | 13.6 | 1 |
| 3 | Plant-protein-enabled biodegradable triboelectric nanogenerator for sustainable agriculture. <i>Fundamental Research</i> , <b>2021</b> ,   |      | 1 |
| 2 | Phase-dependent ion-to-electron transducing efficiency of WS nanosheets for an all-solid-state potentiometric calcium sensor. <i>Mikrochimica Acta</i> , <b>2020</b> , 187, 525  | 5.8  | 1 |
| 1 | An easy-fabricated ordered mesoporous carbon-based electrochemical sensor for the analysis of trans-resveratrol in red wines. <i>Food Control</i> , <b>2021</b> , 129, 108203    | 6.2  | 1 |