

Minghui Yang

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

6,710
citations

117625

34
h-index

133252

59
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61
all docs

61
docs citations

61
times ranked

13899
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Treatment of 5 Critically Ill Patients With COVID-19 With Convalescent Plasma. <i>JAMA - Journal of the American Medical Association</i> , 2020, 323, 1582. | 7.4 | 1,921 |
| 2 | Experimental Treatment with Favipiravir for COVID-19: An Open-Label Control Study. <i>Engineering</i> , 2020, 6, 1192-1198. | 6.7 | 989 |
| 3 | Plasma IP-10 and MCP-3 levels are highly associated with disease severity and predict the progression of COVID-19. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 146, 119-127.e4. | 2.9 | 553 |
| 4 | Platinum nanoparticles-doped sol-gel/carbon nanotubes composite electrochemical sensors and biosensors. <i>Biosensors and Bioelectronics</i> , 2006, 21, 1125-1131. | 10.1 | 338 |
| 5 | Layer-by-layer self-assembled multilayer films of carbon nanotubes and platinum nanoparticles with polyelectrolyte for the fabrication of biosensors. <i>Biomaterials</i> , 2006, 27, 246-255. | 11.4 | 233 |
| 6 | Amperometric glucose biosensor based on a surface treated nanoporous ZrO ₂ /Chitosan composite film as immobilization matrix. <i>Analytica Chimica Acta</i> , 2004, 525, 213-220. | 5.4 | 162 |
| 7 | Laboratory Diagnosis and Monitoring the Viral Shedding of SARS-CoV-2 Infection. <i>Innovation(China)</i> , 2020, 1, 100061. | 9.1 | 162 |
| 8 | Mitochondria Synthesize Melatonin to Ameliorate Its Function and Improve Mice Oocyte's Quality under in Vitro Conditions. <i>International Journal of Molecular Sciences</i> , 2016, 17, 939. | 4.1 | 160 |
| 9 | Platinum nanowire nanoelectrode array for the fabrication of biosensors. <i>Biomaterials</i> , 2006, 27, 5944-5950. | 11.4 | 143 |
| 10 | Carbon nanotube/cobalt hexacyanoferrate nanoparticle-biopolymer system for the fabrication of biosensors. <i>Biosensors and Bioelectronics</i> , 2006, 21, 1791-1797. | 10.1 | 135 |
| 11 | Ultrasensitive immunosensor for the detection of cancer biomarker based on graphene sheet. <i>Biosensors and Bioelectronics</i> , 2010, 26, 560-565. | 10.1 | 113 |
| 12 | Ultrasensitive detection of kanamycin in animal derived foods by label-free electrochemical immunosensor. <i>Food Chemistry</i> , 2012, 134, 1601-1606. | 8.2 | 111 |
| 13 | Electrical detection of deoxyribonucleic acid hybridization based on carbon-nanotubes/nano zirconium dioxide/chitosan-modified electrodes. <i>Analytica Chimica Acta</i> , 2007, 584, 268-274. | 5.4 | 109 |
| 14 | Does CSR Influence Firm Performance Indicators? Evidence from Chinese Pharmaceutical Enterprises. <i>Sustainability</i> , 2019, 11, 5656. | 3.2 | 82 |
| 15 | Longitudinal analysis of antibody dynamics in COVID-19 convalescents reveals neutralizing responses up to 16 months after infection. <i>Nature Microbiology</i> , 2022, 7, 423-433. | 13.3 | 78 |
| 16 | Resveratrol inhibits the replication of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) in cultured Vero cells. <i>Phytotherapy Research</i> , 2021, 35, 1127-1129. | 5.8 | 76 |
| 17 | Electrochemical immunosensor based on electron transfer mediated by graphene oxide initiated silver enhancement. <i>Biosensors and Bioelectronics</i> , 2011, 26, 4810-4814. | 10.1 | 75 |
| 18 | Electrochemical biosensing utilizing synergic action of carbon nanotubes and platinum nanowires prepared by template synthesis. <i>Biosensors and Bioelectronics</i> , 2007, 22, 1749-1755. | 10.1 | 74 |

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|----|--|------|-----------|
| 19 | Attachment of nickel hexacyanoferrates nanoparticles on carbon nanotubes: Preparation, characterization and bioapplication. <i>Analytica Chimica Acta</i> , 2006, 571, 211-217. | 5.4 | 67 |
| 20 | Direct electrochemistry of hemoglobin in gold nanowire array. <i>Biosensors and Bioelectronics</i> , 2007, 23, 414-420. | 10.1 | 67 |
| 21 | Bienzymatic amperometric biosensor for choline based on mediator thionine in situ electropolymerized within a carbon paste electrode. <i>Analytical Biochemistry</i> , 2004, 334, 127-134. | 2.4 | 66 |
| 22 | Immobilization of glucose oxidase and platinum on mesoporous silica nanoparticles for the fabrication of glucose biosensor. <i>Electrochimica Acta</i> , 2011, 56, 2960-2965. | 5.2 | 65 |
| 23 | Pulmonary fibrosis and its related factors in discharged patients with new corona virus pneumonia: a cohort study. <i>Respiratory Research</i> , 2021, 22, 203. | 3.6 | 64 |
| 24 | Label-free electrochemical detection of cancer marker based on graphene-cobalt hexacyanoferrate nanocomposite. <i>Journal of Electroanalytical Chemistry</i> , 2011, 655, 50-55. | 3.8 | 63 |
| 25 | Melatonin and its receptor MT1 are involved in the downstream reaction to luteinizing hormone and participate in the regulation of luteinization in different species. <i>Journal of Pineal Research</i> , 2016, 61, 279-290. | 7.4 | 61 |
| 26 | Functional histidine/nickel hexacyanoferrate nanotube assembly for biosensor applications. <i>Biomaterials</i> , 2007, 28, 3408-3417. | 11.4 | 54 |
| 27 | Fluorescent detection of Mucin 1 protein based on aptamer functionalized biocompatible carbon dots and graphene oxide. <i>Analytical Methods</i> , 2015, 7, 7792-7798. | 2.7 | 50 |
| 28 | Resveratrol compares with melatonin in improving in vitro porcine oocyte maturation under heat stress. <i>Journal of Animal Science and Biotechnology</i> , 2016, 7, 33. | 5.3 | 50 |
| 29 | Melatonin Improves the Quality of Inferior Bovine Oocytes and Promoted Their Subsequent IVF Embryo Development: Mechanisms and Results. <i>Molecules</i> , 2017, 22, 2059. | 3.8 | 47 |
| 30 | Determination of pesticides in vegetable samples using an acetylcholinesterase biosensor based on nanoparticles ZrO ₂ /chitosan composite film. <i>International Journal of Environmental Analytical Chemistry</i> , 2005, 85, 163-175. | 3.3 | 43 |
| 31 | Melatonin implantation improved the egg-laying rate and quality in hens past their peak egg-laying age. <i>Scientific Reports</i> , 2016, 6, 39799. | 3.3 | 43 |
| 32 | Spatiotemporal evolution of island ecological quality under different urban densities: A comparative analysis of Xiamen and Kinmen Islands, southeast China. <i>Ecological Indicators</i> , 2021, 124, 107438. | 6.3 | 38 |
| 33 | Amperometric Biosensors for Glucose Based on Layer-by-Layer Assembled Functionalized Carbon Nanotube and Poly (Neutral Red) Multilayer Film. <i>Analytical Letters</i> , 2006, 39, 1785-1799. | 1.8 | 36 |
| 34 | An <i>AANAT</i> / <i>ASMT</i> transgenic animal model constructed with <i>CRISPR</i> / <i>Cas9</i> system serving as the mammary gland bioreactor to produce melatonin-enriched milk in sheep. <i>Journal of Pineal Research</i> , 2017, 63, e12406. | 7.4 | 35 |
| 35 | An empirical analysis of dynamic changes in ecological sustainability and its relationship with urbanization in a coastal city: The case of Xiamen in China. <i>Journal of Cleaner Production</i> , 2020, 256, 120482. | 9.3 | 34 |
| 36 | Seed-mediated growth of platinum nanoparticles on carbon nanotubes for the fabrication of electrochemical biosensors. <i>Electrochimica Acta</i> , 2008, 53, 3559-3565. | 5.2 | 32 |

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|----|--|-----|-----------|
| 37 | Melatonin promotes male reproductive performance and increases testosterone synthesis in mammalian Leydig cells. <i>Biology of Reproduction</i> , 2021, 104, 1322-1336. | 2.7 | 29 |
| 38 | A Novel lncRNA Regulates the Toll-Like Receptor Signaling Pathway and Related Immune Function by Stabilizing FOS mRNA as a Competitive Endogenous RNA. <i>Frontiers in Immunology</i> , 2019, 10, 838. | 4.8 | 27 |
| 39 | Sensitive electrochemical immunosensor based on enlarged and surface charged gold nanoparticles mediated electron transfer. <i>Sensors and Actuators B: Chemical</i> , 2011, 160, 471-474. | 7.8 | 26 |
| 40 | Electrochemically deposited Pd nanorod array/sol-gel silica thin film for the fabrication of electrochemical sensors. <i>Sensors and Actuators B: Chemical</i> , 2012, 166-167, 837-841. | 7.8 | 26 |
| 41 | Effects of <i>AANAT</i> overexpression on the inflammatory responses and autophagy activity in the cellular and transgenic animal levels. <i>Autophagy</i> , 2018, 14, 1850-1869. | 9.1 | 24 |
| 42 | Exogenous melatonin reduces somatic cell count of milk in Holstein cows. <i>Scientific Reports</i> , 2017, 7, 43280. | 3.3 | 22 |
| 43 | <i>Aanat</i> Knockdown and Melatonin Supplementation in Embryo Development: Involvement of Mitochondrial Function and DNA Methylation. <i>Antioxidants and Redox Signaling</i> , 2019, 30, 2050-2065. | 5.4 | 21 |
| 44 | Direct determination of pesticides in vegetable samples using gold nanoelectrode ensembles. <i>International Journal of Environmental Analytical Chemistry</i> , 2008, 88, 813-824. | 3.3 | 17 |
| 45 | SARS-CoV-2 Detected on Environmental Fomites for Both Asymptomatic and Symptomatic Patients with COVID-19. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 203, 374-378. | 5.6 | 12 |
| 46 | <i>AANAT</i> transgenic sheep generated via OPS vitrified-microinjected pronuclear embryos and reproduction efficiency of the transgenic offspring. <i>PeerJ</i> , 2018, 6, e5420. | 2.0 | 12 |
| 47 | NLRP7 is expressed in the ovine ovary and associated with in vitro pre-implantation embryo development. <i>Reproduction</i> , 2019, 158, 415-427. | 2.6 | 11 |
| 48 | Amperometric Biosensors Based on Platinum Nanowires. <i>Analytical Letters</i> , 2007, 40, 875-886. | 1.8 | 8 |
| 49 | A Facile Electrochemical Immunosensor with Mesoporous Alumina for Detection of Carcinoembryonic Antigen. <i>Electroanalysis</i> , 2011, 23, 1602-1606. | 2.9 | 7 |
| 50 | Does Employee Care Trigger Innovation Under a Healthy and Safe Working Environment? Evidence from the Pharmaceutical Industry in China. <i>Healthcare (Switzerland)</i> , 2021, 9, 194. | 2.0 | 7 |
| 51 | Amperometric Determination of Inositol Based on Electrocatalytic Oxidation on a Glass Carbon Electrode Modified by Nickel Hexacyanoferrate Films. <i>Analytical Letters</i> , 2006, 39, 361-372. | 1.8 | 6 |
| 52 | Cytokine/Chemokine Expression Is Closely Associated Disease Severity of Human Adenovirus Infections in Immunocompetent Adults and Predicts Disease Progression. <i>Frontiers in Immunology</i> , 2021, 12, 691879. | 4.8 | 6 |
| 53 | Adopting Occupational Health and Safety Management Standards: The Impact on Financial Performance in Pharmaceutical Firms in China. <i>Risk Management and Healthcare Policy</i> , 2020, Volume 13, 1477-1487. | 2.5 | 5 |
| 54 | Competitive Endogenous RNA Network Activates Host Immune Response in SARS-CoV-2-, panH1N1 (A/California/07/2009)-, and H7N9 (A/Shanghai/1/2013)-Infected Cells. <i>Cells</i> , 2022, 11, 487. | 4.1 | 5 |

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|----|---|-----|-----------|
| 55 | Using Carbon Quantum Dots as Selective Photoluminescent Probes for Protein Kinase Assay. Australian Journal of Chemistry, 2015, 68, 1249. | 0.9 | 3 |
| 56 | Simultaneous detection of Zika, chikungunya, dengue, yellow fever, West Nile, and Japanese encephalitis viruses by a two-tube multiplex real-time RT-PCR assay. Journal of Medical Virology, 2022, 94, 2528-2536. | 5.0 | 3 |
| 57 | Responses of Transgenic Melatonin-Enriched Goats on LPS Stimulation and the Proteogenomic Profiles of Their PBMCs. International Journal of Molecular Sciences, 2018, 19, 2406. | 4.1 | 2 |
| 58 | Transcriptome profiling of different types of human respiratory tract cells infected by SARS-CoV-2 highlight an unique role for inflammatory and interferon response. International Journal of Transgender Health, 2021, 14, 110-119. | 2.3 | 1 |
| 59 | Can the spending of corporate social responsibility be offset? Evidence from pharmaceutical industry. Economic Research-Ekonomska Istrazivanja, 2022, 35, 6279-6303. | 4.7 | 1 |