# Shasha Zhang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5454634/publications.pdf

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| 32 | 1,214 | 430754 | 454834 |
|---|---|---|---|
| papers | citations | 18 h-index | 30 g-index |

| 32 | 32 | 32 | 1127 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Accelerating bioelectric functional development of neural stem cells by graphene coupling: Implications for neural interfacing with conductive materials. Biomaterials, 2016, 106, 193-204. | 5.7 | 124 |
| 2 | Wnt Signaling Activates TP53-Induced Glycolysis and Apoptosis Regulator and Protects Against Cisplatin-Induced Spiral Ganglion Neuron Damage in the Mouse Cochlea. Antioxidants and Redox Signaling, 2019, 30, 1389-1410. | 2.5 | 112 |
| 3 | Wnt activation followed by Notch inhibition promotes mitotic hair cell regeneration in the postnatal mouse cochlea. Oncotarget, 2016, 7, 66754-66768. | 0.8 | 92 |
| 4 | Knockdown of Foxg1 in supporting cells increases the trans-differentiation of supporting cells into hair cells in the neonatal mouse cochlea. Cellular and Molecular Life Sciences, 2020, 77, 1401-1419. | 2.4 | 89 |
| 5 | Bmi1 Regulates the Proliferation of Cochlear Supporting Cells Via the Canonical Wnt Signaling Pathway. Molecular Neurobiology, 2017, 54, 1326-1339. | 1.9 | 69 |
| 6 | Characterization of the Transcriptomes of Lgr5+ Hair Cell Progenitors and Lgr5- Supporting Cells in the Mouse Cochlea. Frontiers in Molecular Neuroscience, 2017, 10, 122. | 1.4 | 69 |
| 7 | Loss of ARHGEF6 Causes Hair Cell Stereocilia Deficits and Hearing Loss in Mice. Frontiers in Molecular Neuroscience, 2018, 11, 362. | 1.4 | 58 |
| 8 | Role of Wnt and Notch signaling in regulating hair cell regeneration in the cochlea. Frontiers of Medicine, 2016, 10, 237-249. | 1.5 | 57 |
| 9 | c-Myb knockdown increases the neomycin-induced damage to hair-cell-like HEI-OC1 cells in vitro. Scientific Reports, 2017, 7, 41094. | 1.6 | 54 |
| 10 | The Three-Dimensional Culture System with Matrigel and Neurotrophic Factors Preserves the Structure and Function of Spiral Ganglion NeuronIn Vitro. Neural Plasticity, 2016, 2016, 1-15. | 1.0 | 52 |
| 11 | Hedgehog Signaling Promotes the Proliferation and Subsequent Hair Cell Formation of Progenitor Cells in the Neonatal Mouse Cochlea. Frontiers in Molecular Neuroscience, 2017, 10, 426. | 1.4 | 50 |
| 12 | Characterization of Lgr5+ Progenitor Cell Transcriptomes after Neomycin Injury in the Neonatal Mouse Cochlea. Frontiers in Molecular Neuroscience, 2017, 10, 213. | 1.4 | 43 |
| 13 | Characterization of Lgr6+ Cells as an Enriched Population of Hair Cell Progenitors Compared to Lgr5+ Cells for Hair Cell Generation in the Neonatal Mouse Cochlea. Frontiers in Molecular Neuroscience, 2018, 11, 147. | 1.4 | 41 |
| 14 | The structural development of primary cultured hippocampal neurons on a graphene substrate. Colloids and Surfaces B: Biointerfaces, 2016, 146, 442-451. | 2.5 | 40 |
| 15 | Frizzled-9+ Supporting Cells Are Progenitors for the Generation of Hair Cells in the Postnatal Mouse Cochlea. Frontiers in Molecular Neuroscience, 2019, 12, 184. | 1.4 | 39 |
| 16 | Hair Cell Regeneration. Advances in Experimental Medicine and Biology, 2019, 1130, 1-16. | 0.8 | 36 |
| 17 | Significant association of GRM7 and GRM8 genes with schizophrenia and major depressive disorder in the Han Chinese population. European Neuropsychopharmacology, 2016, 26, 136-146. | 0.3 | 35 |
| 18 | Bone morphogenetic protein 4 promotes the survival and preserves the structure of flow-sorted Bhlhb5+ cochlear spiral ganglion neurons in vitro. Scientific Reports, 2017, 7, 3506. | 1.6 | 20 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Loss of Rubicon ameliorates doxorubicin-induced cardiotoxicity through enhancement of mitochondrial quality. International Journal of Cardiology, 2019, 296, 129-135. | 0.8 | 20 |
| 20 | Design and synthesis of highly selective pyruvate dehydrogenase complex E1 inhibitors as bactericides. Bioorganic and Medicinal Chemistry, 2018, 26, 84-95. | 1.4 | 18 |
| 21 | Design, Synthesis, and Antifungal Activity of 2,6-Dimethyl-4-aminopyrimidine Hydrazones as PDHc-E1 Inhibitors with a Novel Binding Mode. Journal of Agricultural and Food Chemistry, 2021, 69, 5804-5817. | 2.4 | 18 |
| 22 | Hair cell regeneration from inner ear progenitors in the mammalian cochlea. American Journal of Stem Cells, 2020, 9, 25-35. | 0.4 | 17 |
| 23 | Prevalence and transmission characteristics of Listeria species from ruminants in farm and slaughtering environments in China. Emerging Microbes and Infections, 2021, 10, 356-364. | 3.0 | 15 |
| 24 | Lipid droplets and associated proteins in the skin: basic research and clinical perspectives. Archives of Dermatological Research, 2016, 308, 1-6. | 1.1 | 11 |
| 25 | Multifractal Analysis of Pore Structure in Middle- and High-Rank Coal by Mercury Intrusion Porosimetry and Low-Pressure N2 Adsorption. Natural Resources Research, 2021, 30, 4565-4584. | 2.2 | 11 |
| 26 | Muscle-specific programmed cell death 5 deletion attenuates cardiac aging. International Journal of Cardiology, 2021, 345, 98-104. | 0.8 | 8 |
| 27 | Mapping of Stress Sensitivity Affected by Water Variation to Microscopic Pore Distributions in Medium- and High-Rank Coals. Natural Resources Research, 0, , 1. | 2.2 | 6 |
| 28 | Design, synthesis and herbicidal activity of novel cyclic phosphonates with diaryl ethers containing pyrimidine. Phosphorus, Sulfur and Silicon and the Related Elements, 2019, 194, 1158-1163. | 0.8 | 5 |
| 29 | Geochemical characteristics of produced water from coalbed methane wells and its influence on productivity in Laochang Coalfield, China. Open Geosciences, 2020, 12, 1146-1157. | 0.6 | 2 |
| 30 | Evaluation of coalbed methane resources in Xinjing Baoan block based on PCA, TOPSIS, & MLFM. Energy Exploration and Exploitation, 2022, 40, 1457-1481. | 1.1 | 2 |
| 31 | Evaluation of the Geochemical Characteristics and Exploitation Potential of Produced Water from Coalbed Methane Wells in Eastern Yunnan, China. Journal of Nanoscience and Nanotechnology, 2021, 21, 591-598. | 0.9 | 1 |
| 32 | Synthesis and Biological Activity of 4-[(Substituted) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Td (Phenoxyacetoxy)methyl]-2,6,7-trioxa-<br>Chemistry, 2017, 54, 165-170. | 1.4 | 0 |