

Kun Yang

List of Publications by Year in Descending Order

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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.

46
papers

4,537
citations

21
h-index

52
g-index

52
ext. papers

5,663
ext. citations

11.8
avg, IF

5.3
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 46 | Sex-specific involvement of the Notch-JAG pathway in social recognition.. <i>Translational Psychiatry</i> , 2022 , 12, 99 | 8.6 | 0 |
| 45 | A multimodal study of a first episode psychosis cohort: potential markers of antipsychotic treatment resistance. <i>Molecular Psychiatry</i> , 2021 , | 15.1 | 4 |
| 44 | Olfactory dysfunction and face processing of social cognition in first-episode psychosis. <i>Neuroscience Research</i> , 2021 , | 2.9 | 1 |
| 43 | Face processing of social cognition in patients with first episode psychosis: Its deficits and association with the right subcallosal anterior cingulate cortex. <i>Schizophrenia Research</i> , 2021 , 238, 99-107 | 3.6 | 2 |
| 42 | Is There a Glutathione Centered Redox Dysregulation Subtype of Schizophrenia?. <i>Antioxidants</i> , 2021 , 10, | 7.1 | 3 |
| 41 | A multimodal approach to studying the relationship between peripheral glutathione, brain glutamate, and cognition in health and in schizophrenia. <i>Molecular Psychiatry</i> , 2021 , 26, 3502-3511 | 15.1 | 10 |
| 40 | From population to neuron: exploring common mediators for metabolic problems and mental illnesses. <i>Molecular Psychiatry</i> , 2021 , 26, 3931-3942 | 15.1 | 5 |
| 39 | Making Sense of Extracellular Vesicles in Body Fluids: Promise and Challenge. <i>Schizophrenia Bulletin</i> , 2021 , 47, 586-587 | 1.3 | 0 |
| 38 | Volumetric alteration of olfactory bulb and immune-related molecular changes in olfactory epithelium in first episode psychosis patients. <i>Schizophrenia Research</i> , 2021 , 235, 9-11 | 3.6 | 1 |
| 37 | Multimodal MRI assessment for first episode psychosis: A major change in the thalamus and an efficient stratification of a subgroup. <i>Human Brain Mapping</i> , 2021 , 42, 1034-1053 | 5.9 | 6 |
| 36 | Increased power by harmonizing structural MRI site differences with the ComBat batch adjustment method in ENIGMA. <i>NeuroImage</i> , 2020 , 218, 116956 | 7.9 | 32 |
| 35 | Relationship between elevated plasma trimethylamine N-oxide levels and increased stroke injury. <i>Neurology</i> , 2020 , 94, e667-e677 | 6.5 | 21 |
| 34 | Neuronal Autophagy in Synaptic Functions and Psychiatric Disorders. <i>Biological Psychiatry</i> , 2020 , 87, 787-796 | 7.96 | 20 |
| 33 | O2.3. INCREASED PROTEIN INSOLUBILITY IN BRAINS FROM A SUBSET OF PATIENTS WITH SCHIZOPHRENIA. <i>Schizophrenia Bulletin</i> , 2019 , 45, S163-S163 | 1.3 | 78 |
| 32 | The transcriptome landscape associated with Disrupted-in-Schizophrenia-1 locus impairment in early development and adulthood. <i>Schizophrenia Research</i> , 2019 , 210, 149-156 | 3.6 | 1 |
| 31 | Increased Protein Insolubility in Brains From a Subset of Patients With Schizophrenia. <i>American Journal of Psychiatry</i> , 2019 , 176, 730-743 | 11.9 | 12 |
| 30 | A toolbox of immunoprecipitation-grade monoclonal antibodies to human transcription factors. <i>Nature Methods</i> , 2018 , 15, 330-338 | 21.6 | 37 |

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| 29 | Trait and state biomarkers for psychiatric disorders: Importance of infrastructure to bridge the gap between basic and clinical research and industry. <i>Psychiatry and Clinical Neurosciences</i> , 2018 , 72, 482-489 ^{6.2} | 7 |
| 28 | Heterozygous diploid and interspecies SCRaMbLEing. <i>Nature Communications</i> , 2018 , 9, 1934 | 17.4 50 |
| 27 | Engineering the ribosomal DNA in a megabase synthetic chromosome. <i>Science</i> , 2017 , 355, | 33.3 99 |
| 26 | Design of a synthetic yeast genome. <i>Science</i> , 2017 , 355, 1040-1044 | 33.3 296 |
| 25 | 3D organization of synthetic and scrambled chromosomes. <i>Science</i> , 2017 , 355, | 33.3 73 |
| 24 | "Perfect" designer chromosome V and behavior of a ring derivative. <i>Science</i> , 2017 , 355, | 33.3 124 |
| 23 | Bug mapping and fitness testing of chemically synthesized chromosome X. <i>Science</i> , 2017 , 355, | 33.3 112 |
| 22 | Deep functional analysis of synII, a 770-kilobase synthetic yeast chromosome. <i>Science</i> , 2017 , 355, | 33.3 101 |
| 21 | Synthesis, debugging, and effects of synthetic chromosome consolidation: synVI and beyond. <i>Science</i> , 2017 , 355, | 33.3 115 |
| 20 | Low escape-rate genome safeguards with minimal molecular perturbation of. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E1470-E1479 | 11.5 14 |
| 19 | Open Sesame: Open Chromatin Regions Shed Light onto Non-coding Risk Variants. <i>Cell Stem Cell</i> , 2017 , 21, 285-287 | 18 3 |
| 18 | BioPartsDB: a synthetic biology workflow web-application for education and research. <i>Bioinformatics</i> , 2016 , 32, 3519-3521 | 7.2 3 |
| 17 | SCRaMbLE generates designed combinatorial stochastic diversity in synthetic chromosomes. <i>Genome Research</i> , 2016 , 26, 36-49 | 9.7 78 |
| 16 | BioPartsBuilder: a synthetic biology tool for combinatorial assembly of biological parts. <i>Bioinformatics</i> , 2016 , 32, 937-9 | 7.2 12 |
| 15 | The NIH Protein Capture Reagents Program (PCRPR): a standardized protein affinity reagent toolbox. <i>Nature Methods</i> , 2016 , 13, 805-6 | 21.6 6 |
| 14 | RADOM, an efficient in vivo method for assembling designed DNA fragments up to 10 kb long in <i>Saccharomyces cerevisiae</i> . <i>ACS Synthetic Biology</i> , 2015 , 4, 213-20 | 5.7 30 |
| 13 | Total synthesis of a functional designer eukaryotic chromosome. <i>Science</i> , 2014 , 344, 55-8 | 33.3 360 |
| 12 | CMAP: Complement Map Database. <i>Bioinformatics</i> , 2013 , 29, 1832-3 | 7.2 14 |

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| 11 | Complement in Action: An Analysis of Patent Trends from 1976 Through 2011. <i>Advances in Experimental Medicine and Biology</i> , 2013 , 735, 301-313 | 3.6 | 8 |
| 10 | Complement in action: an analysis of patent trends from 1976 through 2011. <i>Advances in Experimental Medicine and Biology</i> , 2013 , 735, 301-13 | 3.6 | |
| 9 | Predicting kinetic constants of protein-protein interactions based on structural properties. <i>Proteins: Structure, Function and Bioinformatics</i> , 2011 , 79, 720-34 | 4.2 | 32 |
| 8 | Complement: a key system for immune surveillance and homeostasis. <i>Nature Immunology</i> , 2010 , 11, 785-871 | 4.1 | 2328 |
| 7 | Finding multiple target optimal intervention in disease-related molecular network. <i>Molecular Systems Biology</i> , 2008 , 4, 228 | 12.2 | 143 |
| 6 | Discovery of multitarget inhibitors by combining molecular docking with common pharmacophore matching. <i>Journal of Medicinal Chemistry</i> , 2008 , 51, 7882-8 | 8.3 | 113 |
| 5 | Dynamic simulations on the arachidonic acid metabolic network. <i>PLoS Computational Biology</i> , 2007 , 3, e55 | 5 | 76 |
| 4 | PSI-DOCK: towards highly efficient and accurate flexible ligand docking. <i>Proteins: Structure, Function and Bioinformatics</i> , 2006 , 62, 934-46 | 4.2 | 40 |
| 3 | Virtual screening of novel noncovalent inhibitors for SARS-CoV 3C-like proteinase. <i>Journal of Chemical Information and Modeling</i> , 2005 , 45, 10-17 | 6.1 | 61 |
| 2 | Dynamic simulations on the Arachidonic Acid Metabolic Network. <i>PLoS Computational Biology</i> , 2005 , preprint, e55 | 5 | 3 |
| 1 | Synthetic chromosome fusion: effects on genome structure and function | | 3 |