

Charlie Xiang

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

3,811
citations

147801

31
h-index

197818

49
g-index

50
all docs

50
docs citations

50
times ranked

5580
citing authors

#	ARTICLE	IF	CITATIONS
1	The multi-functional roles of menstrual blood-derived stem cells in regenerative medicine. <i>Stem Cell Research and Therapy</i> , 2019, 10, 1.	5.5	386
2	Molecular analysis of the diversity of vaginal microbiota associated with bacterial vaginosis. <i>BMC Genomics</i> , 2010, 11, 488.	2.8	284
3	Analysis of Oral Microbiota in Children with Dental Caries by PCR-DGGE and Barcoded Pyrosequencing. <i>Microbial Ecology</i> , 2010, 60, 677-690.	2.8	240
4	Enhanced Cardioprotection by Human Endometrium Mesenchymal Stem Cells Driven by Exosomal MicroRNA-21. <i>Stem Cells Translational Medicine</i> , 2017, 6, 209-222.	3.3	217
5	Clinical Study of Mesenchymal Stem Cell Treatment for Acute Respiratory Distress Syndrome Induced by Epidemic Influenza A (H7N9) Infection: A Hint for COVID-19 Treatment. <i>Engineering</i> , 2020, 6, 1153-1161.	6.7	202
6	Human endometrial mesenchymal stem cells restore ovarian function through improving the renewal of germline stem cells in a mouse model of premature ovarian failure. <i>Journal of Translational Medicine</i> , 2015, 13, 155.	4.4	158
7	Impacts of infection with different toxigenic <i>Clostridium difficile</i> strains on faecal microbiota in children. <i>Scientific Reports</i> , 2014, 4, 7485.	3.3	150
8	Exosomes derived from human menstrual blood-derived stem cells alleviate fulminant hepatic failure. <i>Stem Cell Research and Therapy</i> , 2017, 8, 9.	5.5	148
9	Pyrosequencing Analysis of Oral Microbiota Shifting in Various Caries States in Childhood. <i>Microbial Ecology</i> , 2014, 67, 962-969.	2.8	126
10	Comparative analysis of the distribution of segmented filamentous bacteria in humans, mice and chickens. <i>ISME Journal</i> , 2013, 7, 615-621.	9.8	123
11	Pyrosequencing analysis of the human microbiota of healthy Chinese undergraduates. <i>BMC Genomics</i> , 2013, 14, 390.	2.8	105
12	Transplantation of Menstrual Blood-Derived Mesenchymal Stem Cells Promotes the Repair of LPS-Induced Acute Lung Injury. <i>International Journal of Molecular Sciences</i> , 2017, 18, 689.	4.1	103
13	Clinical study using mesenchymal stem cells for the treatment of patients with severe COVID-19. <i>Frontiers of Medicine</i> , 2020, 14, 664-673.	3.4	100
14	Human Menstrual Blood-Derived Stem Cells Ameliorate Liver Fibrosis in Mice by Targeting Hepatic Stellate Cells via Paracrine Mediators. <i>Stem Cells Translational Medicine</i> , 2017, 6, 272-284.	3.3	94
15	Evaluation of the safety and efficacy of using human menstrual blood-derived mesenchymal stromal cells in treating severe and critically ill COVID-19 patients: An exploratory clinical trial. <i>Clinical and Translational Medicine</i> , 2021, 11, e297.	4.0	90
16	Comparative analysis of biological characteristics of adult mesenchymal stem cells with different tissue origins. <i>Asian Pacific Journal of Tropical Medicine</i> , 2015, 8, 739-746.	0.8	85
17	Transplantation of Human Menstrual Blood Progenitor Cells Improves Hyperglycemia by Promoting Endogenous Progenitor Differentiation in Type 1 Diabetic Mice. <i>Stem Cells and Development</i> , 2014, 23, 1245-1257.	2.1	83
18	Rationale for the clinical use of adipose-derived mesenchymal stem cells for COVID-19 patients. <i>Journal of Translational Medicine</i> , 2020, 18, 203.	4.4	83

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19	Menstrual blood-derived stem cells: toward therapeutic mechanisms, novel strategies, and future perspectives in the treatment of diseases. <i>Stem Cell Research and Therapy</i> , 2019, 10, 406.	5.5	80
20	Presence of Segmented Filamentous Bacteria in Human Children and Its Potential Role in the Modulation of Human Gut Immunity. <i>Frontiers in Microbiology</i> , 2018, 9, 1403.	3.5	73
21	The Restoration of the Vaginal Microbiota After Treatment for Bacterial Vaginosis with Metronidazole or Probiotics. <i>Microbial Ecology</i> , 2013, 65, 773-780.	2.8	70
22	Induction of Intestinal Th17 Cells by Flagellins From Segmented Filamentous Bacteria. <i>Frontiers in Immunology</i> , 2019, 10, 2750.	4.8	60
23	Menstrual blood-derived mesenchymal stem cells differentiate into functional hepatocyte-like cells. <i>Journal of Zhejiang University: Science B</i> , 2013, 14, 961-972.	2.8	59
24	Pyrosequencing Analysis of the Salivary Microbiota of Healthy Chinese Children and Adults. <i>Microbial Ecology</i> , 2013, 65, 487-495.	2.8	55
25	Diversity of Cervicovaginal Microbiota Associated with Female Lower Genital Tract Infections. <i>Microbial Ecology</i> , 2011, 61, 704-714.	2.8	53
26	Isolation and Characterization of an Agaro-Oligosaccharide (AO)-Hydrolyzing Bacterium from the Gut Microflora of Chinese Individuals. <i>PLoS ONE</i> , 2014, 9, e91106.	2.5	52
27	Transplantation of Human Menstrual Blood-Derived Mesenchymal Stem Cells Alleviates Alzheimer's Disease-Like Pathology in APP/PS1 Transgenic Mice. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 140.	2.9	50
28	Plasticity of human menstrual blood stem cells derived from the endometrium. <i>Journal of Zhejiang University: Science B</i> , 2011, 12, 372-380.	2.8	45
29	<i>Clostridium butyricum</i> Combined with <i>Bifidobacterium infantis</i> Probiotic Mixture Restores Fecal Microbiota and Attenuates Systemic Inflammation in Mice with Antibiotic-Associated Diarrhea. <i>BioMed Research International</i> , 2015, 2015, 1-9.	1.9	44
30	Human endometrial mesenchymal stem cells exhibit intrinsic anti-tumor properties on human epithelial ovarian cancer cells. <i>Scientific Reports</i> , 2016, 6, 37019.	3.3	44
31	Human menstrual blood-derived stem cells mitigate bleomycin-induced pulmonary fibrosis through anti-apoptosis and anti-inflammatory effects. <i>Stem Cell Research and Therapy</i> , 2020, 11, 477.	5.5	35
32	Menstrual Blood-Derived Stem Cells as Delivery Vehicles for Oncolytic Adenovirus Virotherapy for Colorectal Cancer. <i>Stem Cells and Development</i> , 2019, 28, 882-896.	2.1	32
33	Current status and future prospects of mesenchymal stem cell therapy for liver fibrosis. <i>Journal of Zhejiang University: Science B</i> , 2016, 17, 831-841.	2.8	30
34	Multifunctional role of microRNAs in mesenchymal stem cell-derived exosomes in treatment of diseases. <i>World Journal of Stem Cells</i> , 2020, 12, 1276-1294.	2.8	28
35	Small extracellular vesicles from menstrual blood-derived mesenchymal stem cells (MenSCs) as a novel therapeutic impetus in regenerative medicine. <i>Stem Cell Research and Therapy</i> , 2021, 12, 433.	5.5	26
36	Differentiation of human menstrual blood-derived endometrial mesenchymal stem cells into oocyte-like cells. <i>Acta Biochimica Et Biophysica Sinica</i> , 2016, 48, 998-1005.	2.0	24

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37	Mesenchymal stem cell-based treatments for COVID-19: status and future perspectives for clinical applications. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 142.	5.4	24
38	Associations between Vaginal Pathogenic Community and Bacterial Vaginosis in Chinese Reproductive-Age Women. <i>PLoS ONE</i> , 2013, 8, e76589.	2.5	23
39	Human menstrual blood-derived mesenchymal stem cells as a cellular vehicle for malignant glioma gene therapy. <i>Oncotarget</i> , 2017, 8, 58309-58321.	1.8	22
40	Genome-wide DNA methylation and hydroxymethylation analysis reveal human menstrual blood-derived stem cells inhibit hepatocellular carcinoma growth through oncogenic pathway suppression via regulating 5-hmC in enhancer elements. <i>Stem Cell Research and Therapy</i> , 2019, 10, 151.	5.5	22
41	Human adult stem cells from menstrual blood and endometrial tissue. <i>Journal of Zhejiang University: Science B</i> , 2012, 13, 419-420.	2.8	20
42	Host Specificity of Flagellins from Segmented Filamentous Bacteria Affects Their Patterns of Interaction with Mouse Ileal Mucosal Proteins. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	3.1	13
43	Effects of donors' age and passage number on the biological characteristics of menstrual blood-derived stem cells. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 14584-95.	0.5	13
44	Adhesive Bacteria in the Terminal Ileum of Children Correlates With Increasing Th17 Cell Activation. <i>Frontiers in Pharmacology</i> , 2020, 11, 588560.	3.5	10
45	Mesenchymal stem cells as therapeutic agents and in gene delivery for the treatment of glioma. <i>Journal of Zhejiang University: Science B</i> , 2017, 18, 737-746.	2.8	8
46	Histone Arginine Methylation-Mediated Epigenetic Regulation of Discoidin Domain Receptor 2 Controls the Senescence of Human Bone Marrow Mesenchymal Stem Cells. <i>Stem Cells International</i> , 2019, 2019, 1-14.	2.5	5
47	Diagnosis and Treatment Guidelines for Mesenchymal Stem Cell Therapy for Coronavirus Disease 2019 (Beijing, 2021). <i>Infectious Diseases & Immunity</i> , 2021, 1, 68-73.	0.6	5
48	Stem cells as cellular vehicles for gene therapy against glioblastoma. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 17102-9.	1.3	5
49	Molecular Microecological Techniques. <i>Advanced Topics in Science and Technology in China</i> , 2014, , 153-188.	0.1	1