

Yuanzhen Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

183
citations

1307594

7
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

225
citing authors

#	ARTICLE	IF	CITATIONS
1	Fetal nucleated red blood cell analysis for non-invasive prenatal diagnostics using a nanostructure microchip. <i>Journal of Materials Chemistry B</i> , 2017, 5, 226-235.	5.8	34
2	Non-invasive Prenatal Diagnosis of Chromosomal Aneuploidies and Microdeletion Syndrome Using Fetal Nucleated Red Blood Cells Isolated by Nanostructure Microchips. <i>Theranostics</i> , 2018, 8, 1301-1311.	10.0	34
3	The effect of ICSI in infertility couples with non-male factor: a systematic review and meta-analysis. <i>Journal of Assisted Reproduction and Genetics</i> , 2020, 37, 2929-2945.	2.5	32
4	Enhanced isolation and release of fetal nucleated red blood cells using multifunctional nanoparticle-based microfluidic device for non-invasive prenatal diagnostics. <i>Sensors and Actuators B: Chemical</i> , 2019, 281, 131-138.	7.8	26
5	Highly sensitive and rapid isolation of fetal nucleated red blood cells with microbead-based selective sedimentation for non-invasive prenatal diagnostics. <i>Nanotechnology</i> , 2018, 29, 434001.	2.6	20
6	Massively Parallel Sequencing (MPS) of Cell-Free Fetal DNA (cffDNA) for Trisomies 21, 18, and 13 in Twin Pregnancies. <i>Twin Research and Human Genetics</i> , 2017, 20, 242-249.	0.6	17
7	Silica microbeads capture fetal nucleated red blood cells for noninvasive prenatal testing of fetal ABO genotype. <i>Electrophoresis</i> , 2020, 41, 966-972.	2.4	9
8	A Biocompatible Nanofibers-Based Microchip for Isolation and Nondestructive Release of Fetal Nucleated Red Blood Cells. <i>Advanced Materials Interfaces</i> , 2020, 7, 2001028.	3.7	6
9	A rare case of NIPT discrepancy caused by the placental mosaicism of three different karyotypes, 47,XXX, 47,XX,+21, and 48,XXX,+21. <i>Molecular Genetics & Genomic Medicine</i> , 2020, 8, e1279.	1.2	4