

# Bo-Feng Zhu

## 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.

166  
papers

2,001  
citations

25  
h-index

32  
g-index

172  
ext. papers

2,487  
ext. citations

3.7  
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L-index

| #   | Paper  | IF  | Citations |
|-----|--|-----|-----------|
| 166 | Forensic features and genetic structure revealed by 47 individual identification InDels in the Shaanxi Han population.. <i>Legal Medicine</i> , <b>2022</b> , 56, 102030   | 1.9 |           |
| 165 | Establishing an integrated pipeline for automatic and efficient detection of trace DNA encountered in forensic applications.. <i>Science and Justice - Journal of the Forensic Science Society</i> , <b>2022</b> , 62, 50-59                         | 2   |           |
| 164 | Genetic characterization evaluation of a novel multiple system containing 57 deletion/insertion polymorphic loci with short amplicons in Hunan Han population and its intercontinental populations analyses. <i>Gene</i> , <b>2022</b> , 809, 146006 | 3.8 | 0         |
| 163 | Genetic insights and evaluation of forensic features in Mongolian and Ewenki groups using the InDel variations.. <i>Frontiers in Bioscience</i> , <b>2022</b> , 27, 67   |     | 0         |
| 162 | Genetic Background of Kirgiz Ethnic Group From Northwest China Revealed by Mitochondrial DNA Control Region Sequences on Massively Parallel Sequencing.. <i>Frontiers in Genetics</i> , <b>2022</b> , 13, 729514                                     | 4.5 | 1         |
| 161 | Genetic diversity analysis of forty-three insertion/deletion loci for forensic individual identification in Han Chinese from Beijing based on a novel panel.. <i>Journal of Zhejiang University: Science B</i> , <b>2022</b> , 23, 241-248           | 4.5 | 0         |
| 160 | Multiple genetic analyses for Chinese Hunan Han population via 46 A-STRs.. <i>Annals of Human Biology</i> , <b>2022</b> , 1-26   | 1.7 |           |
| 159 | Forensic effectiveness evaluations and genetic landscape explorations of Chinese Kyrgyz group based on autosomal SNPs, Y-chromosomal SNPs and STRs.. <i>Gene</i> , <b>2022</b> , 146552  | 3.8 |           |
| 158 | Insights into AIM-InDel diversities in Yunnan Miao and Hani ethnic groups of China for forensic and population genetic purposes.. <i>Hereditas</i> , <b>2022</b> , 159, 22   | 2.4 | 0         |
| 157 | Systematic Evaluation of a Novel 6-dye Direct and Multiplex PCR-CE-Based InDel Typing System for Forensic Purposes.. <i>Frontiers in Genetics</i> , <b>2021</b> , 12, 744645   | 4.5 | 1         |
| 156 | Forensic Application Evaluation of a Novel Canine STR System in Pembroke Welsh Corgi and Shiba Inu Groups. <i>BioMed Research International</i> , <b>2021</b> , 2021, 5355109  | 3   |           |
| 155 | Evaluations and comparisons of microbial diversities in four types of body fluids based on two 16S rRNA gene sequencing methods.. <i>Forensic Science International</i> , <b>2021</b> , 331, 111128  | 2.6 |           |
| 154 | Comprehensive Insights Into Forensic Features and Genetic Background of Chinese Northwest Hui Group Using Six Distinct Categories of 231 Molecular Markers. <i>Frontiers in Genetics</i> , <b>2021</b> , 12, 705753                                  | 4.5 | 0         |
| 153 | Polymorphic investigation and interpopulation genetic differentiation analyses of 20 STR loci in Inner Mongolia Han population. <i>Gene Reports</i> , <b>2021</b> , 25, 101373   | 1.4 |           |
| 152 | Development of the decision tree model for distinguishing individuals of Chinese four surnames from Zhanjiang Han population based on Y-STR haplotypes. <i>Legal Medicine</i> , <b>2021</b> , 49, 101848   | 1.9 | 1         |
| 151 | The forensic landscape and the population genetic analyses of Hainan Li based on massively parallel sequencing DNA profiling. <i>International Journal of Legal Medicine</i> , <b>2021</b> , 135, 1295-1317  | 3.1 | 7         |
| 150 | Diversities of HLA-A, -B, -C, -DRB1 and -DQB1 loci in Chinese Kazak population and its genetic relatedness dissection with multiple populations: a comparative study. <i>Human Immunology</i> , <b>2021</b> , 82, 215-225                            | 2.3 | 0         |

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| 149 | Developmental validations of a self-developed 39 AIM-InDel panel and its forensic efficiency evaluations in the Shaanxi Han population. <i>International Journal of Legal Medicine</i> , <b>2021</b> , 135, 1359-1367 <sup>3,1</sup>                     | 3   | 3 |
| 148 | Haplotype diversity and phylogenetic relationship analysis of Chinese Yulin Han population using 59 Y-STR loci of two novel Y-STR typing systems. <i>Legal Medicine</i> , <b>2021</b> , 50, 101871   | 1.9 | 2 |
| 147 | Genetic structure analyses and ancestral information inference of Chinese Kyrgyz group via a panel of 39 AIM-DIPs. <i>Genomics</i> , <b>2021</b> , 113, 2056-2064  | 4.3 | 2 |
| 146 | Exploration of the microbiome community for saliva, skin, and a mixture of both from a population living in Guangdong. <i>International Journal of Legal Medicine</i> , <b>2021</b> , 135, 53-62   | 3.1 | 3 |
| 145 | The Polymorphism Analyses of Short Tandem Repeats as a Basis for Understanding the Genetic Characteristics of the Guanzhong Han Population. <i>BioMed Research International</i> , <b>2021</b> , 2021, 8887244   | 3   | 1 |
| 144 | A Novel Panel of 43 Insertion/Deletion Loci for Human Identifications of Forensic Degraded DNA Samples: Development and Validation. <i>Frontiers in Genetics</i> , <b>2021</b> , 12, 610540  | 4.5 | 4 |
| 143 | Fine-Scale Genetic Structure and Natural Selection Signatures of Southwestern Hans Inferred From Patterns of Genome-Wide Allele, Haplotype, and Haplogroup Lineages. <i>Frontiers in Genetics</i> , <b>2021</b> , 12, 727821                             | 4.5 | 5 |
| 142 | Aptamer-mediated synthesis of multifunctional nano-hydroxyapatite for active tumour bioimaging and treatment. <i>Cell Proliferation</i> , <b>2021</b> , 54, e13105   | 7.9 | 5 |
| 141 | Validation of a 6-Dye Short Tandem Repeat System: A Dry Kit With Lyophilized Amplification Reagent. <i>Frontiers in Genetics</i> , <b>2021</b> , 12, 705819  | 4.5 |   |
| 140 | Dual origins of the Northwest Chinese Kyrgyz: the admixture of Bronze age Siberian and Medieval NiruSun Mongolian Y chromosomes. <i>Journal of Human Genetics</i> , <b>2021</b> ,  | 4.3 | 1 |
| 139 | Development and Performance Evaluation of a Novel Ancestry Informative DIP Panel for Continental Origin Inference.. <i>Frontiers in Genetics</i> , <b>2021</b> , 12, 801275  | 4.5 | 0 |
| 138 | Ancestry Prediction Comparisons of Different AISNPs for Five Continental Populations and Population Structure Dissection of the Xinjiang Hui Group via a Self-Developed Panel. <i>Genes</i> , <b>2020</b> , 11,  | 4.2 | 3 |
| 137 | Next generation sequencing of a set of ancestry-informative SNPs: ancestry assignment of three continental populations and estimating ancestry composition for Mongolians. <i>Molecular Genetics and Genomics</i> , <b>2020</b> , 295, 1027-1038         | 3.1 | 0 |
| 136 | Forensic characteristic and population structure dissection of Shaanxi Han population in the light of diallelic deletion/insertion polymorphism data. <i>Genomics</i> , <b>2020</b> , 112, 3837-3845   | 4.3 | 2 |
| 135 | Pegylated carbon nitride nanosheets for enhanced reactive oxygen species generation and photodynamic therapy under hypoxic conditions. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2020</b> , 25, 102167                             | 6   | 9 |
| 134 | Ancestry inference and admixture component estimations of Chinese Kazak group based on 165 AIM-SNPs via NGS platform. <i>Journal of Human Genetics</i> , <b>2020</b> , 65, 461-468   | 4.3 | 7 |
| 133 | A small NGS-SNP panel of ancestry inference designed to distinguish African, European, East, and South Asian populations. <i>Electrophoresis</i> , <b>2020</b> , 41, 649-656   | 3.6 | 8 |
| 132 | Forensic characteristics and genetic affinity analyses of Xinjiang Mongolian group using a novel six fluorescent dye-labeled typing system including 41 Y-STRs and 3 Y-InDels. <i>Molecular Genetics &amp; Genomic Medicine</i> , <b>2020</b> , 8, e1097 | 2.3 | 8 |

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| 131 | Genetic Polymorphisms and Forensic Efficiencies of a Set of Novel Autosomal InDel Markers in a Chinese Mongolian Group. <i>BioMed Research International</i> , <b>2020</b> , 2020, 3925-189  | 3   | 3  |
| 130 | Developing and population analysis of a new multiplex panel of 18 microhaplotypes and compound markers using next generation sequencing and its application in the Shaanxi Han population. <i>Electrophoresis</i> , <b>2020</b> , 41, 1230-1237                  | 3.6 | 6  |
| 129 | Insights into the genetic characteristics and population structures of Chinese two Tibetan groups using 35 insertion/deletion polymorphic loci. <i>Molecular Genetics and Genomics</i> , <b>2020</b> , 295, 957-968  | 3.1 | 2  |
| 128 | Joint Genetic Analyses of Mitochondrial and Y-Chromosome Molecular Markers for a Population from Northwest China. <i>Genes</i> , <b>2020</b> , 11,   | 4.2 | 1  |
| 127 | Haplogroup Structure and Genetic Variation Analyses of 60 Mitochondrial DNA Markers in Southern Shaanxi Han Population. <i>Biochemical Genetics</i> , <b>2020</b> , 58, 279-293  | 2.4 | 2  |
| 126 | AS1411 aptamer modified carbon dots via polyethylenimine-assisted strategy for efficient targeted cancer cell imaging. <i>Cell Proliferation</i> , <b>2020</b> , 53, e12713  | 7.9 | 20 |
| 125 | Ancestry informative DIP loci for dissecting genetic structure and ancestry proportions of Qinghai Tibetan and Tibet Tibetan groups. <i>Molecular Biology Reports</i> , <b>2020</b> , 47, 1079-1087  | 2.8 | 2  |
| 124 | An innovative panel containing a set of insertion/deletion loci for individual identification and its forensic efficiency evaluations in Chinese Hui ethnic minority. <i>Molecular Genetics &amp; Genomic Medicine</i> , <b>2020</b> , 8, e1074                  | 2.3 | 4  |
| 123 | Biogeographic origin prediction of three continental populations through 42 ancestry informative SNPs. <i>Electrophoresis</i> , <b>2020</b> , 41, 235-245  | 3.6 | 2  |
| 122 | Developmental validation study of a 24-plex Y-STR direct amplification system for forensic application. <i>International Journal of Legal Medicine</i> , <b>2020</b> , 134, 945-951  | 3.1 | 3  |
| 121 | Forensic applicability of autosomal insertion/deletion loci in Chinese Daur ethnic group and genetic affinity evaluations between Daur group and reference populations. <i>Legal Medicine</i> , <b>2020</b> , 47, 101741   | 1.9 | 2  |
| 120 | Comprehensive analyses for genetic diversities of 19 autosomal STRs in Chinese Kazak group and its phylogenetic relationships with other continental populations. <i>Forensic Sciences Research</i> , <b>2020</b> , 1-9  | 3.6 | 1  |
| 119 | The Genetic Structure of Chinese Hui Ethnic Group Revealed by Complete Mitochondrial Genome Analyses Using Massively Parallel Sequencing. <i>Genes</i> , <b>2020</b> , 11,   | 4.2 | 3  |
| 118 | Genetic polymorphisms and phylogenetic analyses of the ￼sang Tibetan from Lhasa based on 30 slowly and moderately mutated Y-STR loci. <i>Forensic Sciences Research</i> , <b>2020</b> , 1-8  | 3.6 | 5  |
| 117 | Development and Validation of a Novel Five-Dye Short Tandem Repeat Panel for Forensic Identification of 11 Species. <i>Frontiers in Genetics</i> , <b>2020</b> , 11, 1005  | 4.5 | 2  |
| 116 | A set of novel multi-allelic SNPs for forensic application developed through massively parallel sequencing and its examples of population genetic studies. <i>Electrophoresis</i> , <b>2020</b> , 41, 2036-2046  | 3.6 | 2  |
| 115 | Genetic Structural Differentiation Analyses of Intercontinental Populations and Ancestry Inference of the Chinese Hui Group Based on a Novel Developed Autosomal AIM-InDel Genotyping System. <i>BioMed Research International</i> , <b>2020</b> , 2020, 2124370 | 3   | 4  |
| 114 | Cloning, expression and enzyme activity delineation of two novel CANT1 mutations: the disappearance of dimerization may indicate the change of protein conformation and even function. <i>Orphanet Journal of Rare Diseases</i> , <b>2020</b> , 15, 240          | 4.2 | 1  |

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| 113 | A Highly Polymorphic Panel Consisting of Microhaplotypes and Compound Markers with the NGS and Its Forensic Efficiency Evaluations in Chinese Two Groups. <i>Genes</i> , <b>2020</b> , 11,                               | 4.2 | 3  |
| 112 | The validation study of a novel assay with 30 slow and moderate mutation Y-STR markers for criminal investigation and database applications. <i>International Journal of Legal Medicine</i> , <b>2020</b> , 134, 491-499 | 3.1 | 5  |
| 111 | Detection and analysis of the cause of false-tetra-allelic patterns of locus D10S1435 at the sequence level. <i>International Journal of Legal Medicine</i> , <b>2020</b> , 134, 833-843                                 | 3.1 | 0  |
| 110 | MicroRNA-214-3p modified tetrahedral framework nucleic acids target survivin to induce tumour cell apoptosis. <i>Cell Proliferation</i> , <b>2020</b> , 53, e12708   | 7.9 | 18 |
| 109 | Multiple genetic analyses to investigate the polymorphisms of Chinese Mongolian population with an efficient short tandem repeat panel. <i>Croatian Medical Journal</i> , <b>2019</b> , 60, 191-200                      | 1.6 | 5  |
| 108 | Polymorphism analyses of 19 STRs in Labrador Retriever population from China and its heterozygosity comparisons with other retriever breeds. <i>Molecular Biology Reports</i> , <b>2019</b> , 46, 1577-1584              | 2.8 | 3  |
| 107 | The endocytic pathways of carbon dots in human adenoid cystic carcinoma cells. <i>Cell Proliferation</i> , <b>2019</b> , 52, e12586  | 7.9 | 11 |
| 106 | P34HB electrospun fibres promote bone regeneration in vivo. <i>Cell Proliferation</i> , <b>2019</b> , 52, e12601   | 7.9 | 14 |
| 105 | The massive assimilation of indigenous East Asian populations in the origin of Muslim Hui people inferred from paternal Y chromosome. <i>American Journal of Physical Anthropology</i> , <b>2019</b> , 169, 341-347      | 2.5 | 10 |
| 104 | Genetic distribution and forensic evaluation of multiplex autosomal short tandem repeats in the Chinese Xinjiang Mongolian group. <i>Journal of Zhejiang University: Science B</i> , <b>2019</b> , 20, 287-290           | 4.5 | 2  |
| 103 | Development of a novel multiplex polymerase chain reaction system for forensic individual identification using insertion/deletion polymorphisms. <i>Electrophoresis</i> , <b>2019</b> , 40, 1691-1698                    | 3.6 | 12 |
| 102 | Genetic distribution analyses and population background explorations of Gansu Yugur and Guizhou Miao groups via InDel markers. <i>Journal of Human Genetics</i> , <b>2019</b> , 64, 535-543                              | 4.3 | 1  |
| 101 | Distinguishing three distinct biogeographic regions with an in-house developed 39-AIM-InDel panel and further admixture proportion estimation for Uyghurs. <i>Electrophoresis</i> , <b>2019</b> , 40, 1525-1534          | 3.6 | 26 |
| 100 | Potent anti-angiogenesis and anti-tumour activity of pegaptanib-loaded tetrahedral DNA nanostructure. <i>Cell Proliferation</i> , <b>2019</b> , 52, e12662   | 7.9 | 8  |
| 99  | MtDNA polymorphism analyses in the Chinese Mongolian group: Efficiency evaluation and further matrilineal genetic structure exploration. <i>Molecular Genetics &amp; Genomic Medicine</i> , <b>2019</b> , 7, e00934      | 2.3 | 10 |
| 98  | A set of novel SNP loci for differentiating continental populations and three Chinese populations. <i>PeerJ</i> , <b>2019</b> , 7, e6508   | 3.1 | 5  |
| 97  | Forensic characteristics and population genetics of Chinese Kazakh ethnic minority with an efficient STR panel. <i>PeerJ</i> , <b>2019</b> , 7, e6802  | 3.1 | 1  |
| 96  | Internal validation study of a newly developed 24-plex Y-STRs genotyping system for forensic application. <i>International Journal of Legal Medicine</i> , <b>2019</b> , 133, 733-743                                    | 3.1 | 8  |

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| 95 | KIR gene presence/absence polymorphisms and global diversity in the Kirgiz ethnic minority and populations distributed worldwide. <i>Molecular Biology Reports</i> , <b>2019</b> , 46, 1043-1055   | 2.8 | 1  |
| 94 | Genetic polymorphism analysis of mitochondrial DNA from Chinese Xinjiang[Kazak]ethnic group by a novel mitochondrial DNA genotyping panel. <i>Molecular Biology Reports</i> , <b>2019</b> , 46, 17-25  | 2.8 | 9  |
| 93 | Forensic molecular genetic diversity analysis of Chinese Hui ethnic group based on a novel STR panel. <i>International Journal of Legal Medicine</i> , <b>2018</b> , 132, 1297-1299  | 3.1 | 11 |
| 92 | Genetic structure and polymorphism analysis of Xinjiang Hui ethnic minority based on 21 STRs. <i>Molecular Biology Reports</i> , <b>2018</b> , 45, 99-108  | 2.8 | 9  |
| 91 | CDK5-mediated tau accumulation triggers methamphetamine-induced neuronal apoptosis via endoplasmic reticulum-associated degradation pathway. <i>Toxicology Letters</i> , <b>2018</b> , 292, 97-107   | 4.4 | 20 |
| 90 | Mutation analysis of 19 commonly used short tandem repeat loci in a Guangdong Han population. <i>Legal Medicine</i> , <b>2018</b> , 32, 92-97  | 1.9 | 8  |
| 89 | A set of autosomal multiple InDel markers for forensic application and population genetic analysis in the Chinese Xinjiang Hui group. <i>Forensic Science International: Genetics</i> , <b>2018</b> , 35, 1-8  | 4.3 | 26 |
| 88 | Regulating osteogenesis and adipogenesis in adipose-derived stem cells by controlling underlying substrate stiffness. <i>Journal of Cellular Physiology</i> , <b>2018</b> , 233, 3418-3428   | 7   | 36 |
| 87 | Effect of substrate stiffness on proliferation and differentiation of periodontal ligament stem cells. <i>Cell Proliferation</i> , <b>2018</b> , 51, e12478  | 7.9 | 19 |
| 86 | Doxorubicin conjugated carbon dots as a drug delivery system for human breast cancer therapy. <i>Cell Proliferation</i> , <b>2018</b> , 51, e12488   | 7.9 | 67 |
| 85 | Autosomal DIPs for population genetic structure and differentiation analyses of Chinese Xinjiang Kyrgyz ethnic group. <i>Scientific Reports</i> , <b>2018</b> , 8, 11054   | 4.9 | 17 |
| 84 | Mutability analysis towards 21 STR loci included in the AGCU 21 + 1 kit in Chinese Han population. <i>International Journal of Legal Medicine</i> , <b>2018</b> , 132, 1287-1291   | 3.1 | 5  |
| 83 | Electrospun Fibers for Cartilage Tissue Regeneration. <i>Current Stem Cell Research and Therapy</i> , <b>2018</b> , 13, 591-599  | 3.6 | 7  |
| 82 | Genetic polymorphisms and forensic efficiency of 19 X-chromosomal STR loci for Xinjiang Mongolian population. <i>PeerJ</i> , <b>2018</b> , 6, e5117  | 3.1 | 13 |
| 81 | Genetic characteristics of 19 STRs in Chinese Uzbek ethnic and its phylogenetic relationships with other 24 populations. <i>International Journal of Legal Medicine</i> , <b>2018</b> , 132, 729-731   | 3.1 | 3  |
| 80 | Population Genetic Diversity and Clustering Analysis for Chinese Dongxiang Group With 30 Autosomal InDel Loci Simultaneously Analyzed. <i>Frontiers in Genetics</i> , <b>2018</b> , 9, 279   | 4.5 | 14 |
| 79 | Research Progress of the Types and Preparation Techniques of Scaffold Materials in Cartilage Tissue Engineering. <i>Current Stem Cell Research and Therapy</i> , <b>2018</b> , 13, 583-590   | 3.6 | 11 |
| 78 | Genetic and structural characterization of 20 autosomal short tandem repeats in the Chinese Qinghai Han population and its genetic relationships and interpopulation differentiations with other reference populations. <i>Forensic Sciences Research</i> , <b>2018</b> , 3, 145-152 | 3.6 | 5  |

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| 77 | Forensic efficiency estimate and phylogenetic analysis for Chinese Kyrgyz ethnic group revealed by a panel of 21 short tandem repeats. <i>Royal Society Open Science</i> , <b>2018</b> , 5, 172089                        | 3.3  | 10 |
| 76 | SUMOylation of Alpha-Synuclein Influences on Alpha-Synuclein Aggregation Induced by Methamphetamine. <i>Frontiers in Cellular Neuroscience</i> , <b>2018</b> , 12, 262  | 6.1  | 13 |
| 75 | Forensic effectiveness and population differentiations study of AGCU 21+1 fluorescence multiplex in Chinese Henan Han population. <i>Forensic Science International: Genetics</i> , <b>2017</b> , 28, e18-e21             | 4.3  | 5  |
| 74 | Effect of matrix stiffness on osteoblast functionalization. <i>Cell Proliferation</i> , <b>2017</b> , 50,   | 7.9  | 49 |
| 73 | Genetic polymorphism and evolutionary differentiation of Eastern Chinese Han: a comprehensive and comparative analysis on KIRs. <i>Scientific Reports</i> , <b>2017</b> , 7, 42486  | 4.9  | 7  |
| 72 | Hypoxia triggers angiogenesis by increasing expression of LOX genes in 3-D culture of ASCs and ECs. <i>Experimental Cell Research</i> , <b>2017</b> , 352, 157-163  | 4.2  | 11 |
| 71 | Chinese Xibe population genetic composition according to linkage groups of X-chromosomal STRs: population genetic variability and interpopulation comparisons. <i>Annals of Human Biology</i> , <b>2017</b> , 44, 546-553 | 1.7  | 11 |
| 70 | Detection of fetal epigenetic biomarkers through genome-wide DNA methylation study for non-invasive prenatal diagnosis. <i>Molecular Medicine Reports</i> , <b>2017</b> , 15, 3989-3998                                   | 2.9  | 9  |
| 69 | Genetic polymorphisms of 54 mitochondrial DNA SNP loci in Chinese Xibe ethnic minority group. <i>Scientific Reports</i> , <b>2017</b> , 7, 44407  | 4.9  | 6  |
| 68 | CRB3 regulates contact inhibition by activating the Hippo pathway in mammary epithelial cells. <i>Cell Death and Disease</i> , <b>2017</b> , 8, e2546   | 9.8  | 21 |
| 67 | MMP-2 and Notch signal pathway regulate migration of adipose-derived stem cells and chondrocytes in co-culture systems. <i>Cell Proliferation</i> , <b>2017</b> , 50,   | 7.9  | 14 |
| 66 | Curved microstructures promote osteogenesis of mesenchymal stem cells via the RhoA/ROCK pathway. <i>Cell Proliferation</i> , <b>2017</b> , 50,  | 7.9  | 28 |
| 65 | Substrate stiffness regulates arterial-venous differentiation of endothelial progenitor cells via the Ras/Mek pathway. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2017</b> , 1864, 1799-1808     | 4.9  | 24 |
| 64 | Angiogenesis in a 3D model containing adipose tissue stem cells and endothelial cells is mediated by canonical Wnt signaling. <i>Bone Research</i> , <b>2017</b> , 5, 17048   | 13.3 | 40 |
| 63 | Genetic diversity and haplotypic structure of Chinese Kazak ethnic group revealed by 19 STRs on the X chromosome. <i>Gene</i> , <b>2017</b> , 600, 64-69  | 3.8  | 25 |
| 62 | The JAK/STAT3 signalling pathway regulated angiogenesis in an endothelial cell/adipose-derived stromal cell co-culture, 3D gel model. <i>Cell Proliferation</i> , <b>2017</b> , 50,                                       | 7.9  | 44 |
| 61 | Forensic efficiency and genetic variation of 30 InDels in Vietnamese and Nigerian populations. <i>Oncotarget</i> , <b>2017</b> , 8, 88934-88940   | 3.3  | 14 |
| 60 | Genetic variation and forensic efficiency of autosomal insertion/deletion polymorphisms in Chinese Bai ethnic group: phylogenetic analysis to other populations. <i>Oncotarget</i> , <b>2017</b> , 8, 39582-39591         | 3.3  | 10 |

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| 59 | Autosomal InDel polymorphisms for population genetic structure and differentiation analysis of Chinese Kazak ethnic group. <i>Oncotarget</i> , <b>2017</b> , 8, 56651-56658                                    | 3.3 | 15 |
| 58 | Phylogenic analysis and forensic genetic characterization of Chinese Uyghur group via autosomal multi STR markers. <i>Oncotarget</i> , <b>2017</b> , 8, 73837-73845  | 3.3 | 14 |
| 57 | Genetic variation and forensic characteristic analysis of 25 STRs of a novel fluorescence co-amplification system in Chinese Southern Shaanxi Han population. <i>Oncotarget</i> , <b>2017</b> , 8, 55443-55452 | 3.3 | 8  |
| 56 | Genetic analysis of 15 mtDNA SNP loci in Chinese Yi ethnic group using SNaPshot minisequencing. <i>Gene</i> , <b>2016</b> , 576, 105-8   | 3.8 | 8  |
| 55 | Study of genetic diversity of killer cell immunoglobulin-like receptor loci in the Tujia ethnic minority. <i>Human Immunology</i> , <b>2016</b> , 77, 869-875  | 2.3 | 3  |
| 54 | Genetic polymorphism analyses of a novel panel of 19 X-STR loci in the Chinese Uygur ethnic minority. <i>Journal of Zhejiang University: Science B</i> , <b>2016</b> , 17, 367-74                              | 4.5 | 12 |
| 53 | A 30-InDel Assay for Genetic Variation and Population Structure Analysis of Chinese Tujia Group. <i>Scientific Reports</i> , <b>2016</b> , 6, 36842  | 4.9 | 23 |
| 52 | Population genetic structure analysis and forensic evaluation of Xinjiang Uigur ethnic group on genomic deletion and insertion polymorphisms. <i>SpringerPlus</i> , <b>2016</b> , 5, 1087                      |     | 19 |
| 51 | PCL-PEG-PCL film promotes cartilage regeneration in vivo. <i>Cell Proliferation</i> , <b>2016</b> , 49, 729-739  | 7.9 | 36 |
| 50 | Autosomal-STR based genetic structure of Chinese Xibe ethnic group and its relationships to various groups. <i>International Journal of Legal Medicine</i> , <b>2016</b> , 130, 1501-1503                      | 3.1 | 11 |
| 49 | Allele and haplotype diversity of new multiplex of 19 ChrX-STR loci in Han population from Guanzhong region (China). <i>Electrophoresis</i> , <b>2016</b> , 37, 1669-75  | 3.6 | 20 |
| 48 | Population Differentiations and Phylogenetic Analysis of Tibet and Qinghai Tibetan Groups Based on 30 InDel Loci. <i>DNA and Cell Biology</i> , <b>2016</b> , 35, 787-794                                      | 3.6 | 22 |
| 47 | Genetic evidence for an East Asian origin of Chinese Muslim populations Dongxiang and Hui. <i>Scientific Reports</i> , <b>2016</b> , 6, 38656  | 4.9 | 33 |
| 46 | 24 Y-chromosomal STR haplotypic structure for Chinese Kazak ethnic group and its genetic relationships with other groups. <i>International Journal of Legal Medicine</i> , <b>2016</b> , 130, 1199-201         | 3.1 | 7  |
| 45 | Genetic structure and differentiation analysis of a Eurasian Uyghur population by use of 27 continental ancestry-informative SNPs. <i>International Journal of Legal Medicine</i> , <b>2016</b> , 130, 897-903 | 3.1 | 4  |
| 44 | Allelic diversity of KIR3DL1/3DS1 in a southern Chinese population. <i>Human Immunology</i> , <b>2015</b> , 76, 663-62   | 2.3 | 6  |
| 43 | Genetic polymorphism analyses of 30 InDels in Chinese Xibe ethnic group and its population genetic differentiations with other groups. <i>Scientific Reports</i> , <b>2015</b> , 5, 8260                       | 4.9 | 34 |
| 42 | 24 Y-chromosomal STR haplotypic polymorphisms for Chinese Uygur ethnic group and its phylogenic analysis with other Chinese groups. <i>Electrophoresis</i> , <b>2015</b> , 36, 626-32                          | 3.6 | 8  |



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