

# Ferdinand von Eggeling

## List of Publications by Year in descending order

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140  
papers

3,795  
citations

109264

35  
h-index

155592

55  
g-index

153  
all docs

153  
docs citations

153  
times ranked

4778  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Spatial Segmentation of Imaging Mass Spectrometry Data with Edge-Preserving Image Denoising and Clustering. <i>Journal of Proteome Research</i> , 2010, 9, 6535-6546.  | 1.8 | 174       |
| 2  | Small supernumerary marker chromosomes (SMCs): genotype-phenotype correlation and classification. <i>Human Genetics</i> , 2003, 114, 51-67.  | 1.8 | 159       |
| 3  | Small supernumerary marker chromosomes " progress towards a genotype-phenotype correlation. <i>Cytogenetic and Genome Research</i> , 2006, 112, 23-34.   | 0.6 | 157       |
| 4  | Disruption of ALX1 Causes Extreme Microphthalmia and Severe Facial Clefting: Expanding the Spectrum of Autosomal-Recessive ALX-Related Frontonasal Dysplasia. <i>American Journal of Human Genetics</i> , 2010, 86, 789-796.   | 2.6 | 128       |
| 5  | Mass spectrometry meets chip technology: A new proteomic tool in cancer research?. <i>Electrophoresis</i> , 2001, 22, 2898-2902.   | 1.3 | 122       |
| 6  | Discovery and Identification of Î±-Defensins as Low Abundant, Tumor-Derived Serum Markers in Colorectal Cancer. <i>Gastroenterology</i> , 2005, 129, 66-73.  | 0.6 | 120       |
| 7  | A Technical Triade for Proteomic Identification and Characterization of Cancer Biomarkers. <i>Cancer Research</i> , 2004, 64, 4099-4104.   | 0.4 | 97        |
| 8  | Protein Profiling of Microdissected Pancreas Carcinoma and Identification of HSP27 as a Potential Serum Marker. <i>Clinical Chemistry</i> , 2007, 53, 629-635.   | 1.5 | 91        |
| 9  | Biomarker Discovery and Identification in Laser Microdissected Head and Neck Squamous Cell Carcinoma with ProteinChip® Technology, Two-dimensional Gel Electrophoresis, Tandem Mass Spectrometry, and Immunohistochemistry. <i>Molecular and Cellular Proteomics</i> , 2003, 2, 443-452. | 2.5 | 85        |
| 10 | CD70: A NEW TUMOR SPECIFIC BIOMARKER FOR RENAL CELL CARCINOMA. <i>Journal of Urology</i> , 2005, 173, 2150-2153.   | 0.2 | 75        |
| 11 | Transthyretin Is Dysregulated in Preeclampsia, and Its Native Form Prevents the Onset of Disease in a Preclinical Mouse Model. <i>American Journal of Pathology</i> , 2013, 183, 1425-1436.  | 1.9 | 74        |
| 12 | Identification of CD70 as a diagnostic biomarker for clear cell renal cell carcinoma by gene expression profiling, real-time RT-PCR and immunohistochemistry. <i>European Journal of Cancer</i> , 2005, 41, 1794-1801.   | 1.3 | 73        |
| 13 | Immune Escape for Renal Cell Carcinoma: CD70 Mediates Apoptosis in Lymphocytes. <i>Neoplasia</i> , 2006, 8, 933-938.   | 2.3 | 70        |
| 14 | Is there a higher incidence of maternal uniparental disomy 14 [upd(14)mat]? Detection of 10 new patients by methylation-specific PCR. <i>American Journal of Medical Genetics, Part A</i> , 2006, 140A, 2039-2049.   | 0.7 | 64        |
| 15 | Characterization of Pepsinogen C as a Potential Biomarker for Gastric Cancer Using a Histo-Proteomic Approach. <i>Journal of Proteome Research</i> , 2005, 4, 1799-1804.   | 1.8 | 58        |
| 16 | Fluorescent dual colour 2D-protein gel electrophoresis for rapid detection of differences in protein pattern with standard image analysis software. <i>International Journal of Molecular Medicine</i> , 2001, 8, 373-7.   | 1.8 | 54        |
| 17 | Deeper Understanding of Biological Tissue: Quantitative Correlation of MALDI-TOF and Raman Imaging. <i>Analytical Chemistry</i> , 2013, 85, 10829-10834.   | 3.2 | 54        |
| 18 | MALDI-imaging segmentation is a powerful tool for spatial functional proteomic analysis of human larynx carcinoma. <i>Journal of Cancer Research and Clinical Oncology</i> , 2013, 139, 85-95.   | 1.2 | 54        |

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|----|--|-----|-----------|
| 19 | Benchmark datasets for 3D MALDI- and DESI-imaging mass spectrometry. <i>GigaScience</i> , 2015, 4, 20.   | 3.3 | 53        |
| 20 | Protein Profiles of Bronchoalveolar Lavage Fluid from Patients with Pulmonary Sarcoidosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006, 173, 1145-1154.                         | 2.5 | 51        |
| 21 | Identification of Specific Protein Markers in Microdissected Hepatocellular Carcinoma. <i>Journal of Proteome Research</i> , 2007, 6, 306-315.   | 1.8 | 51        |
| 22 | Rapid detection of trisomy 21 by quantitative PCR. <i>Human Genetics</i> , 1993, 91, 567-570.  | 1.8 | 48        |
| 23 | The proteasomal subunit S6 ATPase is a novel synphilin-1 interacting protein—implications for Parkinson's disease. <i>FASEB Journal</i> , 2007, 21, 1759-1767.   | 0.2 | 48        |
| 24 | Analysis and Interpretation of Imaging Mass Spectrometry Data by Clustering Mass-to-Charge Images According to Their Spatial Similarity. <i>Analytical Chemistry</i> , 2013, 85, 11189-11195.                | 3.2 | 48        |
| 25 | Specific protein and miRNA patterns characterise tumour-associated fibroblasts in bladder cancer. <i>Journal of Cancer Research and Clinical Oncology</i> , 2011, 137, 751-759.                              | 1.2 | 47        |
| 26 | Maternal UPD 20 in an infant from a pregnancy with mosaic trisomy 20. <i>Prenatal Diagnosis</i> , 2001, 21, 860-863.   | 1.1 | 45        |
| 27 | Detection and identification of heat shock protein 10 as a biomarker in colorectal cancer by protein profiling. <i>Proteomics</i> , 2006, 6, 2600-2608.  | 1.3 | 44        |
| 28 | Toward Standardized High-Throughput Serum Diagnostics: Multiplexed Protein Array Identifies IL-8 and VEGF as Serum Markers for Colon Cancer. <i>Journal of Biomolecular Screening</i> , 2011, 16, 1018-1026. | 2.6 | 44        |
| 29 | Multimodal nonlinear microscopic investigations on head and neck squamous cell carcinoma: Toward intraoperative imaging. <i>Head and Neck</i> , 2013, 35, E280-7.  | 0.9 | 44        |
| 30 | ProteinChip Technology Reveals Distinctive Protein Expression Profiles in the Urine of Bladder Cancer Patients. <i>European Urology</i> , 2005, 47, 885-894.   | 0.9 | 42        |
| 31 | Colon-Derived Liver Metastasis, Colorectal Carcinoma, and Hepatocellular Carcinoma Can Be Discriminated by the Ca <sup>2+</sup> -Binding Proteins S100A6 and S100A11. <i>PLoS ONE</i> , 2008, 3, e3767.      | 1.1 | 40        |
| 32 | Combining multiset resolution and segmentation for hyperspectral image analysis of biological tissues. <i>Analytica Chimica Acta</i> , 2015, 881, 24-36.   | 2.6 | 40        |
| 33 | Multimodal nonlinear microscopy of head and neck carcinoma — toward surgery assisting frozen section analysis. <i>Head and Neck</i> , 2016, 38, 1545-1552.   | 0.9 | 40        |
| 34 | Rad54B Targeting to DNA Double-Strand Break Repair Sites Requires Complex Formation with S100A11. <i>Molecular Biology of the Cell</i> , 2008, 19, 2926-2935.  | 0.9 | 39        |
| 35 | Localization of sporadic neuroendocrine tumors by gene expression analysis of their metastases. <i>Clinical and Experimental Metastasis</i> , 2011, 28, 637-647.   | 1.7 | 38        |
| 36 | Posttranslational Modifications of Transthyretin Are Serum Markers in Patients with Mycosis Fungoides. <i>Neoplasia</i> , 2007, 9, 254-259.  | 2.3 | 35        |

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|----|--|-----|-----------|
| 37 | Novel workflow for combining Raman spectroscopy and MALDI-MSI for tissue based studies. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 7865-7873.  | 1.9 | 35        |
| 38 | Determination of the origin of single nucleated cells in maternal circulation by means of random PCR and a set of length polymorphisms. <i>Human Genetics</i> , 1997, 99, 266-270.   | 1.8 | 34        |
| 39 | A novel multiplex-protein array for serum diagnostics of colon cancer: a case-control study. <i>BMC Cancer</i> , 2012, 12, 393.  | 1.1 | 34        |
| 40 | Identification of Proteomic Markers in Head and Neck Cancer Using MALDI-MS Imaging, LC-MS/MS, and Immunohistochemistry. <i>Proteomics - Clinical Applications</i> , 2019, 13, e1700173.  | 0.8 | 34        |
| 41 | Detection and Identification of Protein Interactions of S100 Proteins by ProteinChip Technology. <i>Journal of Proteome Research</i> , 2005, 4, 1717-1721.   | 1.8 | 33        |
| 42 | Fully convolutional networks in multimodal nonlinear microscopy images for automated detection of head and neck carcinoma: Pilot study. <i>Head and Neck</i> , 2019, 41, 116-121.  | 0.9 | 33        |
| 43 | Identification of HNP3 as a tumour marker in CD4+ and CD4 <sup>+</sup> lymphocytes of patients with cutaneous T-cell lymphoma. <i>European Journal of Cancer</i> , 2006, 42, 249-255.  | 1.3 | 32        |
| 44 | Annexin A5 is involved in migration and invasion of oral carcinoma. <i>Cell Cycle</i> , 2009, 8, 1552-1558.  | 1.3 | 31        |
| 45 | Proteomic analysis of human papillomavirus-related oral squamous cell carcinoma: Identification of thioredoxin and epidermal fatty acid binding protein as upregulated protein markers in microdissected tumor tissue. <i>Proteomics</i> , 2009, 9, 2193-2201. | 1.3 | 31        |
| 46 | Identification of Sex Hormone-Binding Globulin in the Human Hypothalamus. <i>Neuroendocrinology</i> , 2005, 81, 287-293.   | 1.2 | 30        |
| 47 | Microdissecting the proteome. <i>Proteomics</i> , 2007, 7, 2729-2737.  | 1.3 | 30        |
| 48 | The search for the primary tumor in metastasized gastroenteropancreatic neuroendocrine neoplasm. <i>Clinical and Experimental Metastasis</i> , 2014, 31, 817-827.  | 1.7 | 30        |
| 49 | Supernumerary small marker chromosome (SMC) and uniparental disomy 22 in a child with confined placental mosaicism of trisomy 22: Trisomy rescue due to marker chromosome formation. <i>Cytogenetic and Genome Research</i> , 2003, 101, 103-105.              | 0.6 | 28        |
| 50 | Prader-Willi syndrome with a karyotype 47,XY,+min(15)(pter->q11.1:) and maternal UPD 15 case report plus review of similar cases. <i>European Journal of Medical Genetics</i> , 2005, 48, 175-181.   | 0.7 | 28        |
| 51 | Proteome Analysis of Maternal Serum Samples for Trisomy 21 Pregnancies Using ProteinChip Arrays and Bioinformatics. <i>Journal of Histochemistry and Cytochemistry</i> , 2005, 53, 341-343.  | 1.3 | 27        |
| 52 | The Prognostic Relevance of p16 Inactivation in Head and Neck Cancer. <i>Orl</i> , 2007, 69, 30-36.  | 0.6 | 27        |
| 53 | Different expression of calgizzarin (S100A11) in normal colonic epithelium, adenoma and colorectal carcinoma. <i>International Journal of Oncology</i> , 2006, 28, 195-200.  | 1.4 | 26        |
| 54 | Protein profiling of oral brush biopsies: S100A8 and S100A9 can differentiate between normal, premalignant, and tumor cells. <i>Proteomics - Clinical Applications</i> , 2007, 1, 486-493.   | 0.8 | 25        |

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|----|--|-----|-----------|
| 55 | Spatial Segmentation of MALDI FT-ICR MSI Data: A Powerful Tool to Explore the Head and Neck Tumor In Situ Lipidome. <i>Journal of the American Society for Mass Spectrometry</i> , 2015, 26, 36-43.  | 1.2 | 25        |
| 56 | Integration of 3D multimodal imaging data of a head and neck cancer and advanced feature recognition. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2017, 1865, 946-956.  | 1.1 | 25        |
| 57 | Prediction of renal allograft rejection by urinary protein analysis using ProteinChip Arrays (surface-enhanced laser desorption/ionization time-of-flight mass spectrometry). <i>Urology</i> , 2006, 67, 472-475.  | 0.5 | 24        |
| 58 | Interactions of TANGO and leukocyte integrin CD11c/CD18 regulate the migration of human monocytes. <i>Journal of Leukocyte Biology</i> , 2007, 82, 1466-1472.  | 1.5 | 23        |
| 59 | Proteohistography—Direct Analysis of Tissue with High Sensitivity and High Spatial Resolution Using ProteinChip Technology. <i>Journal of Histochemistry and Cytochemistry</i> , 2006, 54, 13-17.  | 1.3 | 20        |
| 60 | Trophoblast Cell Surface Antigen 2 (Trop-2) Protein is Highly Expressed in Salivary Gland Carcinomas and Represents a Potential Therapeutic Target. <i>Head and Neck Pathology</i> , 2021, 15, 1147-1155.  | 1.3 | 20        |
| 61 | Molecular cytogenetic characterization of eight small supernumerary marker chromosomes originating from chromosomes 2, 4, 8, 18, and 21 in three patients. <i>Journal of Applied Genetics</i> , 2007, 48, 167-175.   | 1.0 | 19        |
| 62 | Human Neutrophil Peptides 1-3 are Early Markers in Development of Colorectal Adenomas and Carcinomas. <i>Disease Markers</i> , 2008, 25, 123-129.  | 0.6 | 19        |
| 63 | Expression Profiling of Extracellular Matrix Genes Reveals Global and Entity-Specific Characteristics in Adenoid Cystic, Mucoepidermoid and Salivary Duct Carcinomas. <i>Cancers</i> , 2020, 12, 2466.   | 1.7 | 19        |
| 64 | Maternal uniparental disomy 12 in a healthy girl with a 47,XX,+der(12)(:p11->q11:)/46,XX karyotype. <i>Journal of Medical Genetics</i> , 2002, 39, 519-521.  | 1.5 | 18        |
| 65 | BCR-ABL- and Ras-independent activation of Raf as a novel mechanism of Imatinib resistance in CML. <i>International Journal of Oncology</i> , 2011, 39, 585-91.  | 1.4 | 18        |
| 66 | Spatial proteomics revealed a CX3CL1-dependent crosstalk between the urothelium and relocated macrophages through IL-6 during an acute bacterial infection in the urinary bladder. <i>Mucosal Immunology</i> , 2020, 13, 702-714.  | 2.7 | 17        |
| 67 | Different expression of calgizzarin (S100A11) in normal colonic epithelium, adenoma and colorectal carcinoma. <i>International Journal of Oncology</i> , 2006, 28, 195.  | 1.4 | 16        |
| 68 | Depicting the Spatial Distribution of Proteins in Human Tumor Tissue Combining SELDI and MALDI Imaging and Immunohistochemistry. <i>Journal of Histochemistry and Cytochemistry</i> , 2010, 58, 929-937.   | 1.3 | 15        |
| 69 | Microdissection—An Essential Prerequisite for Spatial Cancer Omics. <i>Proteomics</i> , 2020, 20, 2000077.   | 1.3 | 15        |
| 70 | First patient with trisomy 21 accompanied by an additional der(4)(:p11 ? q11:) plus partial uniparental disomy 4p15-16. <i>American Journal of Medical Genetics Part A</i> , 2003, 116A, 26-30.  | 2.4 | 14        |
| 71 | Derivative chromosome 1 and GLUT1 deficiency syndrome in a sibling pair. <i>Molecular Cytogenetics</i> , 2010, 3, 10.  | 0.4 | 14        |
| 72 | Differential vascular expression and regulation of oncofetal tenascin-C and fibronectin variants in renal cell carcinoma (RCC): implications for an individualized angiogenesis-related targeted drug delivery. <i>Histochemistry and Cell Biology</i> , 2012, 137, 195-204. | 0.8 | 14        |

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|----|--|-----|-----------|
| 73 | Urine screening by Seldi-Tof, followed by biomarker identification, in a Brazilian cohort of patients with Renal Cell Carcinoma (RCC). <i>International Braz J Urol: Official Journal of the Brazilian Society of Urology</i> , 2013, 39, 228-239.   | 0.7 | 14        |
| 74 | Multimodal image analysis in tissue diagnostics for skin melanoma. <i>Journal of Chemometrics</i> , 2018, 32, e2963.   | 0.7 | 14        |
| 75 | Characterisation of Small Supernumerary Marker Chromosomes (sSMC) in Human. <i>Current Genomics</i> , 2004, 5, 279-286.  | 0.7 | 14        |
| 76 | Various Members of the E2F Transcription Factor Family Interact in vivo with the Corepressor Alien. <i>Journal of Proteome Research</i> , 2007, 6, 1158-1164.  | 1.8 | 13        |
| 77 | Protein profiling of single epidermal cell types from <i>Arabidopsis thaliana</i> using surface-enhanced laser desorption and ionization technology. <i>Journal of Plant Physiology</i> , 2008, 165, 1227-1237.  | 1.6 | 13        |
| 78 | Chromosome 5 derived small supernumerary marker: towards a genotype/phenotype correlation of proximal chromosome 5 imbalances. <i>Journal of Applied Genetics</i> , 2011, 52, 193-200.   | 1.0 | 13        |
| 79 | Urine protein profiling identified alpha-1-microglobulin and haptoglobin as biomarkers for early diagnosis of acute allograft rejection following kidney transplantation. <i>World Journal of Urology</i> , 2014, 32, 1619-1624.   | 1.2 | 13        |
| 80 | Combinatorial Optimization of Multiple MALDI Matrices on a Single Tissue Sample Using Inkjet Printing. <i>ACS Combinatorial Science</i> , 2011, 13, 218-222.   | 3.8 | 12        |
| 81 | Perspectives, potentials and trends of ex vivo and in vivo optical molecular pathology. <i>Journal of Biophotonics</i> , 2018, 11, e201700236.   | 1.1 | 12        |
| 82 | Proteomic profiling in microdissected hepatocellular carcinoma tissue using ProteinChip® technology. <i>International Journal of Oncology</i> , 2004, 24, 885.   | 1.4 | 11        |
| 83 | The influence of reactivation of the telomerase in tumour tissue on the prognosis of squamous cell carcinomas in the head and neck. <i>Journal of Oral Pathology and Medicine</i> , 2004, 33, 538-542.   | 1.4 | 11        |
| 84 | New Immortalized Cell Lines of Patients With Small Supernumerary Marker Chromosome. <i>Journal of Histochemistry and Cytochemistry</i> , 2007, 55, 651-660.  | 1.3 | 11        |
| 85 | Regulation of the anaphase-promoting complex by the COP9 signalosome. <i>Cell Cycle</i> , 2009, 8, 2041-2049.  | 1.3 | 11        |
| 86 | Multigrid MALDI mass spectrometry imaging (mMALDI MSI). <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 3769-3781.  | 1.9 | 11        |
| 87 | Molecular cytogenetic characterization of a de novo supernumerary ring chromosome 7 resulting in partial trisomy, tetrasomy, and hexasomy in a child with dysmorphic signs, congenital heart defect, and developmental delay. <i>American Journal of Medical Genetics, Part A</i> , 2005, 137A, 59-64. | 0.7 | 10        |
| 88 | The Tumor Suppressors p33ING1 and p33ING2 Interact with Alien in Vivo and Enhance Alien-Mediated Gene Silencing. <i>Journal of Proteome Research</i> , 2007, 6, 4182-4188.   | 1.8 | 9         |
| 89 | Alien inhibits E2F1 gene expression and cell proliferation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2007, 1773, 1447-1454.  | 1.9 | 9         |
| 90 | SELDI-TOF analysis of glioblastoma cyst fluid is an approach for assessing cellular protein expression. <i>Neurological Research</i> , 2013, 35, 993-1001.   | 0.6 | 9         |

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|-----|--|-----|-----------|
| 91  | Molecular characterization of head and neck tumors by analysis of telomerase activity and a panel of microsatellite markers. <i>International Journal of Molecular Medicine</i> , 2002, 9, 417-23.       | 1.8 | 9         |
| 92  | Identification of proteins from colorectal cancer tissue by two-dimensional gel electrophoresis and SELDI mass spectrometry. <i>International Journal of Molecular Medicine</i> , 2005, 16, 11.          | 1.8 | 8         |
| 93  | Biotinylated Surfome Profiling Identifies Potential Biomarkers for Diagnosis and Therapy of <i>Aspergillus fumigatus</i> Infection. <i>MSphere</i> , 2020, 5, .  | 1.3 | 8         |
| 94  | Presence of harmless small supernumerary marker chromosomes hampers molecular genetic diagnosis: a case report. <i>Molecular Medicine Reports</i> , 2010, 3, 571-4.                                      | 1.1 | 7         |
| 95  | Specific Protein Patterns Characterize Metastatic Potential of Advanced Bladder Cancer. <i>Journal of Urology</i> , 2011, 186, 713-720.  | 0.2 | 7         |
| 96  | A Novel Multiplex Protein Array for Serum Diagnostics of Colorectal Cancer: Impact of Pre-analytical Storage Conditions. <i>Biopreservation and Biobanking</i> , 2013, 11, 379-386.                      | 0.5 | 7         |
| 97  | Tissue-resident macrophages mediate neutrophil recruitment and kidney injury in shiga toxin-induced hemolytic uremic syndrome. <i>Kidney International</i> , 2021, 100, 349-363.                         | 2.6 | 7         |
| 98  | Mutually Exclusive Expression of COL11A1 by CAFs and Tumour Cells in a Large panCancer and a Salivary Gland Carcinoma Cohort. <i>Head and Neck Pathology</i> , 2022, 16, 394-406.                        | 1.3 | 7         |
| 99  | Comparative transcriptional and functional profiling of clear cell and papillary renal cell carcinoma. <i>International Journal of Molecular Medicine</i> , 2006, 18, 395-403.                           | 1.8 | 7         |
| 100 | ProteinChip System Technology: A Powerful Tool to Analyze Expression Differences in Tissue-Engineered Blood Vessels. <i>Tissue Engineering</i> , 2004, 10, 611-620.                                      | 4.9 | 6         |
| 101 | Convergence of the proteomic pattern in cancer. <i>Bioinformatics</i> , 2006, 22, 1293-1296.   | 1.8 | 6         |
| 102 | Cytogenetic characterisation and proteomic profiling of the Imatinib-resistant cell line KCL22-R. <i>International Journal of Oncology</i> , 2007, 31, 121.  | 1.4 | 6         |
| 103 | Microdissected tissue: an underestimated source for biomarker discovery?. <i>Biomarkers in Medicine</i> , 2007, 1, 217-219.  | 0.6 | 6         |
| 104 | Histomolecular interpretation of pleomorphic adenomas of the salivary gland by matrix-assisted laser desorption ionization imaging and spatial segmentation. <i>Head and Neck</i> , 2015, 37, 1014-1021. | 0.9 | 6         |
| 105 | High-resolution MRI of the human palatine tonsil and its schematic anatomic 3D reconstruction. <i>Journal of Anatomy</i> , 2022, 240, 166-171.   | 0.9 | 6         |
| 106 | Applicability of Four New Antibodies for the Detection of Fetal Nucleated Cells Out of Maternal Blood by FISH Analysis. <i>Fetal Diagnosis and Therapy</i> , 2001, 16, 52-56.                            | 0.6 | 5         |
| 107 | Detection and Identification of Transcription Factors as Interaction Partners of Alien in vivo. <i>Cell Cycle</i> , 2007, 6, 993-996.  | 1.3 | 5         |
| 108 | Clinically abnormal case with paternally derived partial trisomy 8p23.3 to 8p12 including maternal isodisomy of 8p23.3: a case report. <i>Molecular Cytogenetics</i> , 2009, 2, 14.                      | 0.4 | 5         |

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|-----|--|-----|-----------|
| 109 | Proteomic analysis of microdissected facial nuclei of the rat following facial nerve injury. <i>Journal of Neuroscience Methods</i> , 2009, 185, 23-28.  | 1.3 | 5         |
| 110 | Small Supernumerary Marker Chromosomes 1 With a Normal Phenotype. <i>Journal of the Chinese Medical Association</i> , 2010, 73, 205-207.   | 0.6 | 5         |
| 111 | Comparative transcriptional and functional profiling of clear cell and papillary renal cell carcinoma. <i>International Journal of Molecular Medicine</i> , 0, , .                                     | 1.8 | 5         |
| 112 | Specific pattern of protein expression in acute myeloid leukemia harboring FLT3-ITD mutations. <i>Leukemia and Lymphoma</i> , 2007, 48, 2418-2423.   | 0.6 | 4         |
| 113 | Is There a Yet Unreported Unbalanced Chromosomal Abnormality without Phenotypic Consequences in Proximal 4p?. <i>Cytogenetic and Genome Research</i> , 2011, 132, 121-123.                             | 0.6 | 4         |
| 114 | Homozygous CFTR mutation M348K in a boy with respiratory symptoms and failure to thrive. Disease-causing mutation or benign alteration?. <i>European Journal of Pediatrics</i> , 2012, 171, 1039-1046. | 1.3 | 4         |
| 115 | S100A8 cellular distribution in normal epithelium, hyperplasia, dysplasia and squamous cell carcinoma and its concentration in serum. , 2010, 32, 219-24.  |     | 4         |
| 116 | Tetrasomy 21 due to a de novo Robertsonian translocation t(14;21) and an additional free trisomy 21. <i>Clinical Genetics</i> , 2001, 60, 83-85.   | 1.0 | 3         |
| 117 | A long distance-PCR derived FISH probe detects a deletion between p15 and p16 in CML and T-ALL patients. <i>International Journal of Molecular Medicine</i> , 2001, 7, 591-5.                          | 1.8 | 3         |
| 118 | Molecular characterization of head and neck tumors by analysis of telomerase activity and a panel of microsatellite markers. <i>International Journal of Molecular Medicine</i> , 2002, 9, 417.        | 1.8 | 3         |
| 119 | Confirmation of the biological significance of transthyretin as a biomarker for cutaneous T-cell lymphoma by its protein interaction partners. <i>Molecular Medicine Reports</i> , 2011, 4, 157-61.    | 1.1 | 3         |
| 120 | Comparative proteomic analysis of normal and tumor stromal cells by tissue on chip based mass spectrometry (toc-MS). <i>Diagnostic Pathology</i> , 2010, 5, 10.  | 0.9 | 3         |
| 121 | Molecular cytogenetic pilot study on pleomorphic adenomas of salivary glands. <i>Oncology Letters</i> , 2020, 19, 1125-1130.   | 0.8 | 3         |
| 122 | Complex chromosomal rearrangements associated with congenital erythrophagocytotic histiocytosis. <i>Clinical Genetics</i> , 1998, 53, 298-302.   | 1.0 | 2         |
| 123 | Periphilin is a novel interactor of synphilin-1, a protein implicated in Parkinson's disease. <i>Neurogenetics</i> , 2010, 11, 203-215.  | 0.7 | 2         |
| 124 | A virtual "Werkstatt" for digitization in the sciences. <i>Research Ideas and Outcomes</i> , 0, 6, .   | 1.0 | 2         |
| 125 | 619: CD70- A New Tumor Specific Biomarker for Renal Cell Carcinoma. <i>Journal of Urology</i> , 2005, 173, 169-169.  | 0.2 | 1         |
| 126 | MALDI-imaging: What can be expected?. <i>European Journal of Radiology</i> , 2012, 81, S183-S184.  | 1.2 | 1         |

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|-----|--|-----|-----------|
| 127 | Region-specific alterations of global protein expression in the remodelled rat myocardium. International Journal of Molecular Medicine, 0, , .   | 1.8 | 1         |
| 128 | A Proposal to Perform High Contrast Imaging of Human Palatine Tonsil with Cross Polarized Optical Coherence Tomography. Photonics, 2022, 9, 259.   | 0.9 | 1         |
| 129 | Cultivation of fetal erythroid precursors from maternal blood: Isolation and characterization by PCR and FISH. International Journal of Molecular Medicine, 2002, 10, 257.   | 1.8 | 0         |
| 130 | IDENTIFICATION OF SPECIFIC PROTEIN PATTERNS IN TUMOUR TISSUE FOR PREDICTION OF IMMUNE-CHEMOTHERAPY RESPONSE. European Urology Supplements, 2008, 7, 308.   | 0.1 | 0         |
| 131 | 1793 TKI THERAPY RELATED PROTEOMIC PATTERNS IN SERUM FROM PATIENTS WITH METASTATIC RENAL CELL CARCINOMA. Journal of Urology, 2010, 183, .  | 0.2 | 0         |
| 132 | 204 A SPECIFIC PROTEIN SIGNATURE CHARACTERIZES THE METASTATIC POTENTIAL OF CLEAR CELL RENAL CELL CARCINOMAS. Journal of Urology, 2010, 183, .  | 0.2 | 0         |
| 133 | 2251 PROTEIN SIGNATURE IN URINE INDICATES REJECTION AFTER KIDNEY TRANSPLANTATION AT AN EARLY POSTOPERATIVE STATE. Journal of Urology, 2011, 185, .   | 0.2 | 0         |
| 134 | Monitoring the morphochemistry of laryngeal carcinoma by multimodal imaging. Proceedings of SPIE, 2012, , .  | 0.8 | 0         |
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