# MarÃ-a GonzÃ¡lez-GonzÃ¡lez

List of Publications by Year
in descending order



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|---|---|---|---|
| 34 papers | 679 citations | 516710 16 h-index | 580821 25 g-index |
| 34 all docs | 34 docs citations | 34 times ranked | 959 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Nanotechniques in proteomics: Protein microarrays and novel detection platforms. European Journal of Pharmaceutical Sciences, 2012, 45, 499-506. | 4.0 | 75 |
| 2 | Biomarker Discovery by Novel Sensors Based on Nanoproteomics Approaches. Sensors, 2012, 12, 2284-2308. | 3.8 | 59 |
| 3 | Quest for Missing Proteins: Update 2015 on Chromosome-Centric Human Proteome Project. Journal of Proteome Research, 2015, 14, 3415-3431. | 3.7 | 53 |
| 4 | Analysis of Autoantibody Profiles in Osteoarthritis Using Comprehensive Protein Array Concepts. Journal of Proteome Research, 2014, 13, 5218-5229. | 3.7 | 41 |
| 5 | Self-assembled Protein Arrays from an Ornithodoros moubata Salivary Gland Expression Library. Journal of Proteome Research, 2012, 11, 5972-5982. | 3.7 | 37 |
| 6 | New technologies in cancer. Protein microarrays for biomarker discovery. Clinical and Translational Oncology, 2011, 13, 156-161. | 2.4 | 36 |
| 7 | Data Analysis Strategies for Protein Microarrays. Microarrays (Basel, Switzerland), 2012, 1, 64-83. | 1.4 | 34 |
| 8 | Intratumoural cytogenetic heterogeneity of sporadic colorectal carcinomas suggests several pathways to liver metastasis. Journal of Pathology, 2010, 221, 308-319. | 4.5 | 33 |
| 9 | Unique genetic profile of sporadic colorectal cancer liver metastasis versus primary tumors as defined by high-density single-nucleotide polymorphism arrays. Modern Pathology, 2012, 25, 590-601. | 5.5 | 32 |
| 10 | Evaluation of homo- and hetero-functionally activated glass surfaces for optimized antibody arrays. Analytical Biochemistry, 2014, 450, 37-45. | 2.4 | 24 |
| 11 | NAPPA as a Real New Method for Protein Microarray Generation. Microarrays (Basel, Switzerland), 2015, 4, 214-227. | 1.4 | 24 |
| 12 | Screening and Validation of Novel Biomarkers in Osteoarticular Pathologies by Comprehensive Combination of Protein Array Technologies. Journal of Proteome Research, 2017, 16, 1890-1899. | 3.7 | 23 |
| 13 | Mapping of Genetic Abnormalities of Primary Tumours from Metastatic CRC by High-Resolution SNP Arrays. PLoS ONE, 2010, 5, e13752. | 2.5 | 22 |
| 14 | CD34+CD19â^'CD22+ B-cell progenitors may underlie phenotypic escape in patients treated with CD19-directed therapies. Blood, 2022, 140, 38-44. | 1.4 | 20 |
| 15 | Prognostic Impact of del(17p) and del(22q) as Assessed by Interphase FISH in Sporadic Colorectal Carcinomas. PLoS ONE, 2012, 7, e42683. | 2.5 | 18 |
| 16 | Identification of a characteristic copy number alteration profile by highâ€resolution single nucleotide polymorphism arrays associated with metastatic sporadic colorectal cancer. Cancer, 2014, 120, 1948-1959. | 4.1 | 17 |
| 17 | Association between Genetic Subgroups of Pancreatic Ductal Adenocarcinoma Defined by High Density 500 K SNP-Arrays and Tumor Histopathology. PLoS ONE, 2011, 6, e22315. | 2.5 | 16 |
| 18 | Multipronged functional proteomics approaches for global identification of altered cell signalling pathways in Bâ€cell chronic lymphocytic leukaemia. Proteomics, 2016, 16, 1193-1203. | 2.2 | 15 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Association Between the Cytogenetic Profile of Tumor Cells and Response to Preoperative Radiochemotherapy in Locally Advanced Rectal Cancer. Medicine (United States), 2014, 93, e153. | 1.0 | 13 |
| 20 | Screening Phage-Display Antibody Libraries Using Protein Arrays. Methods in Molecular Biology, 2018, 1701, 365-380. | 0.9 | 12 |
| 21 | In Vitro Transcription/Translation System: A Versatile Tool in the Search for Missing Proteins. Journal of Proteome Research, 2015, 14, 3441-3451. | 3.7 | 11 |
| 22 | Self-assembling functional programmable protein array for studying proteinâ€“protein interactions in malaria parasites. Malaria Journal, 2018, 17, 270. | 2.3 | 10 |
| 23 | Tracking the Antibody Immunome in Sporadic Colorectal Cancer by Using Antigen Self-Assembled Protein Arrays. Cancers, 2021, 13, 2718. | 3.7 | 9 |
| 24 | Genomic profiling of sporadic liver metastatic colorectal cancer. Seminars in Cancer Biology, 2021, 71, 98-108. | 9.6 | 8 |
| 25 | Genomics and proteomics approaches for biomarker discovery in sporadic colorectal cancer with metastasis. Cancer Genomics and Proteomics, 2013, 10, 19-25. | 2.0 | 8 |
| 26 | Cytogenetic heterogeneity of pancreatic ductal adenocarcinomas: identification of intratumoral pathways of clonal evolution. Histopathology, 2011, 58, 486-497. | 2.9 | 7 |
| 27 | Protein Microarrays: Overview, Applications and Challenges. Translational Bioinformatics, 2014, , 147-173. | 0.0 | 6 |
| 28 | Protein Microarrays: Technological Aspects, Applications and Intellectual Property. Recent Patents on Biotechnology, 2013, 7, 142-152. | 0.8 | 4 |
| 29 | A Systematic Analysis Workflow for High-Density Customized Protein Microarrays in Biomarker Screening. Methods in Molecular Biology, 2019, 1871, 107-122. | 0.9 | 4 |
| 30 | Altered Interphase Fluorescence in Situ Hybridization Profiles of Chromosomes 4, 8q24, and 9q34 in Pancreatic Ductal Adenocarcinoma Are Associated with a Poorer Patient Outcome. Journal of Molecular Diagnostics, 2014, 16, 648-659. | 2.8 | 3 |
| 31 | Microarrays as Platform for Multiplex Assays in Biomarker and Drug Discovery. , 0, , . | | 3 |
| 32 | High-throughgput phage-display screening in array format. Enzyme and Microbial Technology, 2015, 79-80, 34-41. | 3.2 | 1 |
| 33 | A Systematic Workflow for Design and Computational Analysis of Protein Microarrays. , 2019, , 213-222. | | 1 |
| 34 | Emerging Nanotechniques in Proteomics. Comprehensive Analytical Chemistry, 2014, 63, 137-157. | 1.3 | 0 |