

Andreas Scherer

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

2,387
citations

430874

18
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276875

41
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44
all docs

44
docs citations

44
times ranked

4217
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | The MicroArray Quality Control (MAQC)-II study of common practices for the development and validation of microarray-based predictive models. <i>Nature Biotechnology</i> , 2010, 28, 827-838. | 17.5 | 795 |
| 2 | The concordance between RNA-seq and microarray data depends on chemical treatment and transcript abundance. <i>Nature Biotechnology</i> , 2014, 32, 926-932. | 17.5 | 420 |
| 3 | Reporting guidelines for human microbiome research: the STORMS checklist. <i>Nature Medicine</i> , 2021, 27, 1885-1892. | 30.7 | 170 |
| 4 | Evaluating the analytical validity of circulating tumor DNA sequencing assays for precision oncology. <i>Nature Biotechnology</i> , 2021, 39, 1115-1128. | 17.5 | 126 |
| 5 | Early prognosis of the development of renal chronic allograft rejection by gene expression profiling of human protocol biopsies. <i>Transplantation</i> , 2003, 75, 1323-1330. | 1.0 | 96 |
| 6 | Exploration of databases and methods supporting drug repurposing: a comprehensive survey. <i>Briefings in Bioinformatics</i> , 2021, 22, 1656-1678. | 6.5 | 66 |
| 7 | Toward best practice in cancer mutation detection with whole-genome and whole-exome sequencing. <i>Nature Biotechnology</i> , 2021, 39, 1141-1150. | 17.5 | 66 |
| 8 | Calmodulin Differentially Modulates Smad1 and Smad2 Signaling. <i>Journal of Biological Chemistry</i> , 2000, 275, 41430-41438. | 3.4 | 50 |
| 9 | Transcriptome Sequencing (RNAseq) Enables Utilization of Formalin-Fixed, Paraffin-Embedded Biopsies with Clear Cell Renal Cell Carcinoma for Exploration of Disease Biology and Biomarker Development. <i>PLoS ONE</i> , 2016, 11, e0149743. | 2.5 | 50 |
| 10 | Bridging the translational innovation gap through good biomarker practice. <i>Nature Reviews Drug Discovery</i> , 2017, 16, 587-588. | 46.4 | 48 |
| 11 | Transcriptome changes in renal allograft protocol biopsies at 3 months precede the onset of interstitial fibrosis/tubular atrophy (IF/TA) at 6 months. <i>Nephrology Dialysis Transplantation</i> , 2009, 24, 2567-2575. | 0.7 | 39 |
| 12 | Differential suppression of epidermal antimicrobial protein expression in atopic dermatitis and in EFAD mice by pimecrolimus compared to corticosteroids. <i>Experimental Dermatology</i> , 2011, 20, 783-788. | 2.9 | 39 |
| 13 | Establishing community reference samples, data and call sets for benchmarking cancer mutation detection using whole-genome sequencing. <i>Nature Biotechnology</i> , 2021, 39, 1151-1160. | 17.5 | 39 |
| 14 | Clear Cell Renal Cell Carcinoma is linked to Epithelial-to-Mesenchymal Transition and to Fibrosis. <i>Physiological Reports</i> , 2017, 5, e13305. | 1.7 | 36 |
| 15 | Functional Genomic Analysis of Peripheral Blood During Early Acute Renal Allograft Rejection. <i>Transplantation</i> , 2009, 88, 942-951. | 1.0 | 33 |
| 16 | Robust and tissue-independent gender-specific transcript biomarkers. <i>Biomarkers</i> , 2013, 18, 436-445. | 1.9 | 32 |
| 17 | The ribose 5-phosphate isomerase-encoding gene is located immediately downstream from that encoding murine immunoglobulin κ . <i>Gene</i> , 1995, 156, 191-197. | 2.2 | 29 |
| 18 | A verified genomic reference sample for assessing performance of cancer panels detecting small variants of low allele frequency. <i>Genome Biology</i> , 2021, 22, 111. | 8.8 | 29 |

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|----|---|-----|-----------|
| 19 | Cross-oncopanel study reveals high sensitivity and accuracy with overall analytical performance depending on genomic regions. <i>Genome Biology</i> , 2021, 22, 109. | 8.8 | 20 |
| 20 | The SEQC2 epigenomics quality control (EpiQC) study. <i>Genome Biology</i> , 2021, 22, 332. | 8.8 | 20 |
| 21 | A subset of metzincins and related genes constitutes a marker of human solid organ fibrosis. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2011, 458, 487-496. | 2.8 | 18 |
| 22 | Development and confirmation of potential gene classifiers of human clear cell renal cell carcinoma using next-generation RNA sequencing. <i>Scandinavian Journal of Urology</i> , 2016, 50, 452-462. | 1.0 | 18 |
| 23 | Assessing reproducibility of inherited variants detected with short-read whole genome sequencing. <i>Genome Biology</i> , 2022, 23, 2. | 8.8 | 18 |
| 24 | Transcriptome-proteome integration of archival human renal cell carcinoma biopsies enables identification of molecular mechanisms. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 316, F1053-F1067. | 2.7 | 15 |
| 25 | Whole genome and exome sequencing reference datasets from a multi-center and cross-platform benchmark study. <i>Scientific Data</i> , 2021, 8, 296. | 5.3 | 15 |
| 26 | AXL targeting reduces fibrosis development in experimental unilateral ureteral obstruction. <i>Physiological Reports</i> , 2019, 7, e14091. | 1.7 | 13 |
| 27 | Reproducibility in biomarker research and clinical development: a global challenge. <i>Biomarkers in Medicine</i> , 2017, 11, 309-312. | 1.4 | 11 |
| 28 | Consensus guidelines for the validation of qRT-PCR assays in clinical research by the CardioRNA consortium. <i>Molecular Therapy - Methods and Clinical Development</i> , 2022, 24, 171-180. | 4.1 | 11 |
| 29 | Metzincins and related genes in experimental renal ageing: towards a unifying fibrosis classifier across species. <i>Nephrology Dialysis Transplantation</i> , 2014, 29, 1177-1185. | 0.7 | 10 |
| 30 | Renal carcinoma/kidney progenitor cell chimera organoid as a novel tumourigenesis gene discovery model. <i>DMM Disease Models and Mechanisms</i> , 2017, 10, 1503-1515. | 2.4 | 8 |
| 31 | Renal Fibrosis mRNA Classifier: Validation in Experimental Lithium-Induced Interstitial Fibrosis in the Rat Kidney. <i>PLoS ONE</i> , 2016, 11, e0168240. | 2.5 | 7 |
| 32 | Proteomic Analysis of Minimally Damaged Renal Tubular Tissue from Two-Kidney-One-Clip Hypertensive Rats Demonstrates Extensive Changes Compared to Tissue from Controls. <i>Nephron</i> , 2016, 132, 70-80. | 1.8 | 7 |
| 33 | AGAP2-AS1 as a prognostic biomarker in low-risk clear cell renal cell carcinoma patients with progressing disease. <i>Cancer Cell International</i> , 2021, 21, 690. | 4.1 | 7 |
| 34 | VeloceGenomics: An Accelerated in Vivo Drug Discovery Approach to Rapidly Predict the Biologic, Drug-Like Activity of Compounds, Proteins, or Genes. <i>Pharmaceutical Research</i> , 2005, 22, 1597-1613. | 3.5 | 3 |
| 35 | Expanding the Utilization of Formalin-Fixed, Paraffin-Embedded Archives: Feasibility of miR-Seq for Disease Exploration and Biomarker Development from Biopsies with Clear Cell Renal Cell Carcinoma. <i>International Journal of Molecular Sciences</i> , 2018, 19, 803. | 4.1 | 3 |
| 36 | Biomarker Research and Development for Coronavirus Disease 2019 (COVID-19): European Medical Research Infrastructures Call for Global Coordination. <i>Clinical Infectious Diseases</i> , 2021, 72, 1838-1842. | 5.8 | 3 |

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|----|---|------|-----------|
| 37 | Matched preclinical designs for improved translatability. Science Translational Medicine, 2017, 9, . | 12.4 | 2 |
| 38 | The use of haplotype-specific transcripts improves sample annotation consistency. Biomarker Research, 2014, 2, 17. | 6.8 | 1 |
| 39 | Clinical and ethical considerations of massively parallel sequencing in transplantation science?. World Journal of Transplantation, 2013, 3, 62. | 1.6 | 1 |
| 40 | AGAP2-AS1 as a potential marker for development of distant metastases in surgically treated low-risk clear cell renal cell carcinoma.. Journal of Clinical Oncology, 2020, 38, 732-732. | 1.6 | 1 |
| 41 | FC 019PROTEOMIC PROFILING OF GLOMERULI FROM KIDNEYS WITH HYPERTENSIVE NEPHROPATHY REVEALS SIGNATURE OF DISEASE PROGRESSION. Nephrology Dialysis Transplantation, 2021, 36, . | 0.7 | 0 |