

# CITATION REPORT

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## Comprehensive analyses of tumor immunity: implications for cancer immunotherapy

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#	Paper	IF	Citations
1457	Digitally deconvolving the tumor microenvironment. <i>Genome Biology</i> , <b>2016</b> , 17, 175	18.3	16
1456	Applications of Immunogenomics to Cancer. <b>2017</b> , 168, 600-612		129
1455	Heavy Metal Enlightens Tumor Immunity. <b>2017</b> , 169, 567-569		4
1454	DNA Damage and Repair Biomarkers of Immunotherapy Response. <b>2017</b> , 7, 675-693		331
1453	Characteristics of lymphocyte-infiltrating papillary thyroid cancer. <b>2017</b> , 4, 95-99		5
1452	Intratumoural Epigenetic Heterogeneity in Early Invasive Colorectal Cancer: A Prognostic Imprint?. <b>2017</b> , 152, 1622-1623		2
1451	Pan-cancer Immunogenomic Analyses Reveal Genotype-Immunophenotype Relationships and Predictors of Response to Checkpoint Blockade. <b>2017</b> , 18, 248-262		1179
1450	Allele-Specific HLA Loss and Immune Escape in Lung Cancer Evolution. <b>2017</b> , 171, 1259-1271.e11		541
1449	Towards In Silico Prediction of the Immune-Checkpoint Blockade Response. <b>2017</b> , 38, 1041-1051		10
1448	Cistrome Cancer: A Web Resource for Integrative Gene Regulation Modeling in Cancer. <b>2017</b> , 77, e19-e22		89
1447	Host immune response index in gastric cancer identified by comprehensive analyses of tumor immunity. <b>2017</b> , 6, e1356150		27
1446	Immune signature profiling identified predictive and prognostic factors for esophageal squamous cell carcinoma. <b>2017</b> , 6, e1356147		40
1445	TIMER: A Web Server for Comprehensive Analysis of Tumor-Infiltrating Immune Cells. <b>2017</b> , 77, e108-e110		1919
1444	Informatics for cancer immunotherapy. <b>2017</b> , 28, xii56-xii73		11
1443	New PD-L1 inhibitors in non-small cell lung cancer - impact of atezolizumab. <b>2017</b> , 8, 67-78		20
1442	Revisit linear regression-based deconvolution methods for tumor gene expression data. <i>Genome Biology</i> , <b>2017</b> , 18, 127	18.3	30
1441	Data normalization considerations for digital tumor dissection. <i>Genome Biology</i> , <b>2017</b> , 18, 128	18.3	23

1440	Benchmarking: contexts and details matter. <i>Genome Biology</i> , <b>2017</b> , 18, 129	18.3	8
1439	xCell: digitally portraying the tissue cellular heterogeneity landscape. <i>Genome Biology</i> , <b>2017</b> , 18, 220	18.3	1050
1438	Resistance to CTLA-4 checkpoint inhibition reversed through selective elimination of granulocytic myeloid cells. <b>2017</b> , 8, 55804-55820		58
1437	Simultaneous enumeration of cancer and immune cell types from bulk tumor gene expression data. <b>2017</b> , 6,		312
1436	Immunogenic chemotherapy: Dose and schedule dependence and combination with immunotherapy. <b>2018</b> , 419, 210-221		132
1435	Detailed analysis of adenosine A2a receptor ( ) and CD73 (5'-nucleotidase, ecto, ) methylation and gene expression in head and neck squamous cell carcinoma patients. <b>2018</b> , 7, e1452579		9
1434	Spatial Organization and Molecular Correlation of Tumor-Infiltrating Lymphocytes Using Deep Learning on Pathology Images. <b>2018</b> , 23, 181-193.e7		366
1433	The Immune Landscape of Cancer. <b>2018</b> , 48, 812-830.e14		1754
1432	Current state of immunotherapy for glioblastoma. <b>2018</b> , 15, 422-442		466
1431	Plac1 Is a Key Regulator of the Inflammatory Response and Immune Tolerance In Mammary Tumorigenesis. <b>2018</b> , 8, 5717		10
1430	PD-1 (PDCD1) Promoter Methylation Is a Prognostic Factor in Patients With Diffuse Lower-Grade Gliomas Harboring Isocitrate Dehydrogenase (IDH) Mutations. <b>2018</b> , 28, 97-104		35
1429	Computational deconvolution of transcriptomics data from mixed cell populations. <b>2018</b> , 34, 1969-1979		96
1428	Computational immune profiling in lung adenocarcinoma reveals reproducible prognostic associations with implications for immunotherapy. <b>2018</b> , 7, e1431084		20
1427	Global Transcriptome Analysis of RNA Abundance Regulation by ADAR in Lung Adenocarcinoma. <b>2018</b> , 27, 167-175		17
1426	Characterizing genomic differences of human cancer stratified by the TP53 mutation status. <b>2018</b> , 293, 737-746		3
1425	Precision oncology in the age of integrative genomics. <b>2018</b> , 36, 46-60		65
1424	A major chromatin regulator determines resistance of tumor cells to T cell-mediated killing. <b>2018</b> , 359, 770-775		404
1423	Whole Exome and Transcriptome Analyses Integrated with Microenvironmental Immune Signatures of Lung Squamous Cell Carcinoma. <b>2018</b> , 6, 848-859		19

1422	APOBEC3B and APOBEC mutational signature as potential predictive markers for immunotherapy response in non-small cell lung cancer. <b>2018</b> , 37, 3924-3936	106
1421	Cutaneous neurofibromas in the genomics era: current understanding and open questions. <b>2018</b> , 118, 1539-1548	18
1420	Quantifying tumor-infiltrating immune cells from transcriptomics data. <b>2018</b> , 67, 1031-1040	164
1419	The Genomic Landscape and Pharmacogenomic Interactions of Clock Genes in Cancer Chronotherapy. <b>2018</b> , 6, 314-328.e2	85
1418	Tissue-Specific Immunoregulation: A Call for Better Understanding of the "Immunostat" in the Context of Cancer. <b>2018</b> , 8, 395-402	41
1417	Post-modified non-negative matrix factorization for deconvoluting the gene expression profiles of specific cell types from heterogeneous clinical samples based on RNA-sequencing data. <b>2018</b> , 32, e2929	2
1416	Molecular and Genomic Determinants of Response to Immune Checkpoint Inhibition in Cancer. <b>2018</b> , 69, 333-347	28
1415	Impact of Tumor Purity on Immune Gene Expression and Clustering Analyses across Multiple Cancer Types. <b>2018</b> , 6, 87-97	55
1414	() and () promoter methylation is associated with HPV infection and transcriptional repression in head and neck squamous cell carcinomas. <b>2018</b> , 9, 641-650	39
1413	Transcriptome Deconvolution of Heterogeneous Tumor Samples with Immune Infiltration. <b>2018</b> , 9, 451-460	36
1412	A Computational Approach Identifies Immunogenic Features of Prognosis in Human Cancers. <b>2018</b> , 9, 3017	5
1411	Seven Genes Based Novel Signature Predicts Clinical Outcome and Platinum Sensitivity of High Grade IIIc Serous Ovarian Carcinoma. <b>2018</b> , 14, 2012-2022	8
1410	Understanding tumor ecosystems by single-cell sequencing: promises and limitations. <i>Genome Biology</i> , <b>2018</b> , 19, 211	18,3 95
1409	Smoker and non-smoker lung adenocarcinoma is characterized by distinct tumor immune microenvironments. <b>2018</b> , 7, e1494677	32
1408	Genomic Characterization of Six Virus-Associated Cancers Identifies Changes in the Tumor Immune Microenvironment and Altered Genetic Programs. <b>2018</b> , 78, 6413-6423	19
1407	Immune Cell Gene Signatures for Profiling the Microenvironment of Solid Tumors. <b>2018</b> , 6, 1388-1400	79
1406	Comprehensive analysis of the tumor immune micro-environment in non-small cell lung cancer for efficacy of checkpoint inhibitor. <b>2018</b> , 8, 14576	35
1405	Presence of lymphocytic infiltrate cytotoxic T lymphocyte CD3+, CD8+, and immunoscore as prognostic marker in patients after radical cystectomy. <b>2018</b> , 13, e0205746	25

1404	Multi-omic tumor data reveal diversity of molecular mechanisms that correlate with survival. <b>2018</b> , 9, 4453	65
1403	Predictive biomarkers for tumor immune checkpoint blockade. <b>2018</b> , 10, 4501-4507	16
1402	Comprehensive Molecular Characterization of the Hippo Signaling Pathway in Cancer. <b>2018</b> , 25, 1304-1317.e5	152
1401	Recovery of T-cell receptor V(D)J recombination reads from lower grade glioma exome files correlates with reduced survival and advanced cancer grade. <b>2018</b> , 140, 697-704	19
1400	Identification and validation of a tumor-infiltrating Treg transcriptional signature conserved across species and tumor types. <b>2018</b> , 115, E10672-E10681	72
1399	Capturing functional long non-coding RNAs through integrating large-scale causal relations from gene perturbation experiments. <b>2018</b> , 35, 369-380	14
1398	Quantitative Analyses of the Tumor Microenvironment Composition and Orientation in the Era of Precision Medicine. <b>2018</b> , 8, 390	31
1397	TIP: A Web Server for Resolving Tumor Immunophenotype Profiling. <b>2018</b> , 78, 6575-6580	109
1396	Whole-genome sequencing reveals genomic signatures associated with the inflammatory microenvironments in Chinese NSCLC patients. <b>2018</b> , 9, 2054	43
1395	TP53 Mutation as Potential Negative Predictor for Response of Anti-CTLA-4 Therapy in Metastatic Melanoma. <b>2018</b> , 32, 119-124	32
1394	Immune cell profiling in the age of immune checkpoint inhibitors: implications for biomarker discovery and understanding of resistance mechanisms. <b>2018</b> , 29, 866-878	7
1393	KDM5 histone demethylases repress immune response via suppression of STING. <b>2018</b> , 16, e2006134	54
1392	Overexpression of low density lipoprotein receptor-related protein 1 (LRP1) is associated with worsened prognosis and decreased cancer immunity in clear-cell renal cell carcinoma. <b>2018</b> , 503, 1537-1543	11
1391	seq-ImmuCC: Cell-Centric View of Tissue Transcriptome Measuring Cellular Compositions of Immune Microenvironment From Mouse RNA-Seq Data. <b>2018</b> , 9, 1286	38
1390	Integrated genetic and epigenetic analysis of myxofibrosarcoma. <b>2018</b> , 9, 2765	32
1389	Immune profiles of desmoplastic small round cell tumor and synovial sarcoma suggest different immunotherapeutic susceptibility upfront compared to relapse specimens. <b>2018</b> , 65, e27313	7
1388	Loss-Function Learning for Digital Tissue Deconvolution. <b>2018</b> , 75-89	1
1387	Comparison of glioblastoma (GBM) molecular classification methods. <b>2018</b> , 53, 201-211	65

1386	VIPER: Visualization Pipeline for RNA-seq, a Snakemake workflow for efficient and complete RNA-seq analysis. <b>2018</b> , 19, 135	80
1385	Invasive lobular and ductal breast carcinoma differ in immune response, protein translation efficiency and metabolism. <b>2018</b> , 8, 7205	39
1384	Signatures of T cell dysfunction and exclusion predict cancer immunotherapy response. <b>2018</b> , 24, 1550-1558	881
1383	ECatenin-driven adrenocortical carcinoma is characterized with immune exclusion. <b>2018</b> , 11, 2029-2036	11
1382	Pan-cancer deconvolution of tumour composition using DNA methylation. <b>2018</b> , 9, 3220	99
1381	Integrative analysis of the inter-tumoral heterogeneity of triple-negative breast cancer. <b>2018</b> , 8, 11807	23
1380	Decreased expression of cell adhesion genes in cancer stem-like cells isolated from primary oral squamous cell carcinomas. <b>2018</b> , 40, 1010428318780859	4
1379	Computational Characterization of Suppressive Immune Microenvironments in Glioblastoma. <b>2018</b> , 78, 5574-5585	27
1378	Losses of cytokines and chemokines are common genetic features of human cancers: the somatic copy number alterations are correlated with patient prognoses and therapeutic resistance. <b>2018</b> , 7, e1468951	6
1377	Tuning the Tumor Myeloid Microenvironment to Fight Cancer. <b>2019</b> , 10, 1611	53
1376	A novel assessing system for predicting the prognosis of gastric cancer. <b>2019</b> , 11, 1251-1266	1
1375	Deconvolution and network analysis of IDH-mutant lower grade glioma predict recurrence and indicate therapeutic targets. <b>2019</b> , 11, 1323-1333	6
1374	Single-cell RNA sequencing of lung adenocarcinoma reveals heterogeneity of immune response-related genes. <b>2019</b> , 4,	37
1373	Systematic cancer-testis gene expression analysis identified CDCA5 as a potential therapeutic target in esophageal squamous cell carcinoma. <b>2019</b> , 46, 54-65	17
1372	Comprehensive evaluation of transcriptome-based cell-type quantification methods for immuno-oncology. <b>2019</b> , 35, i436-i445	209
1371	Genomic landscape and its correlations with tumor mutational burden, PD-L1 expression, and immune cells infiltration in Chinese lung squamous cell carcinoma. <b>2019</b> , 12, 75	49
1370	Discovering Pathway and Cell Type Signatures in Transcriptomic Compendia with Machine Learning. <b>2019</b> , 2, 1-17	7
1369	Computational approaches for characterizing the tumor immune microenvironment. <b>2019</b> , 158, 70-84	15

1368	Tumor intrinsic immunity related proteins may be novel tumor suppressors in some types of cancer. <b>2019, 9, 10918</b>	10
1367	Challenges and strategies for successful clinical development of immune checkpoint inhibitors in glioblastoma. <b>2019, 20, 1609-1624</b>	5
1366	Computational deconvolution of synovial tissue cellular composition: presence of adipocytes in synovial tissue decreased during arthritis pathogenesis and progression. <b>2019, 51, 241-253</b>	4
1365	Accurate estimation of cell-type composition from gene expression data. <b>2019, 10, 2975</b>	43
1364	Is a Prognostic Biomarker and Correlates With Stromal and Immune Infiltration in Gliomas. <b>2019, 9, 1083</b>	7
1363	Metastatic breast cancers have reduced immune cell recruitment but harbor increased macrophages relative to their matched primary tumors. <b>2019, 7, 265</b>	37
1362	Multi-omics Analysis of Microenvironment Characteristics and Immune Escape Mechanisms of Hepatocellular Carcinoma. <b>2019, 9, 1019</b>	37
1361	Comprehensive Benchmarking and Integration of Tumor Microenvironment Cell Estimation Methods. <b>2019, 79, 6238-6246</b>	38
1360	MIR155HG is a prognostic biomarker and associated with immune infiltration and immune checkpoint molecules expression in multiple cancers. <b>2019, 8, 7161-7173</b>	51
1359	The prognostic association of SPAG5 gene expression in breast cancer patients with systematic therapy. <b>2019, 19, 1046</b>	7
1358	PGC-1 $\beta$ inhibits polyamine metabolism in Cyclin E1-driven ovarian cancer. <b>2019, 8, 7754-7761</b>	7
1357	Head and Neck Cancers Promote an Inflammatory Transcriptome through Coactivation of Classic and Alternative NF- $\kappa$ B Pathways. <b>2019, 7, 1760-1774</b>	11
1356	Tissue-specific deconvolution of immune cell composition by integrating bulk and single-cell transcriptomes. <b>2020, 36, 819-827</b>	5
1355	Rap GTPase Interactor: A Potential Marker for Cancer Prognosis Following Kidney Transplantation. <b>2019, 9, 737</b>	
1354	The Prognostic Landscape of Tumor-Infiltrating Immune Cells and Immune Checkpoints in Glioblastoma. <b>2019, 18, 1533033819869949</b>	14
1353	Immuno-subtyping of breast cancer reveals distinct myeloid cell profiles and immunotherapy resistance mechanisms. <b>2019, 21, 1113-1126</b>	106
1352	An elastic-net logistic regression approach to generate classifiers and gene signatures for types of immune cells and T helper cell subsets. <b>2019, 20, 433</b>	12
1351	Neutrophil Heterogeneity in Cancer: From Biology to Therapies. <b>2019, 10, 2155</b>	74

1350	TOAST: improving reference-free cell composition estimation by cross-cell type differential analysis. <i>Genome Biology</i> , <b>2019</b> , 20, 190	18,3	16
1349	The Cancer-Associated Genetic Variant Rs3903072 Modulates Immune Cells in the Tumor Microenvironment. <b>2019</b> , 10, 754		10
1348	Next-generation computational tools for interrogating cancer immunity. <b>2019</b> , 20, 724-746		72
1347	An Efficient and Flexible Method for Deconvoluting Bulk RNA-Seq Data with Single-Cell RNA-Seq Data. <b>2019</b> , 8,		9
1346	Myeloid-Derived Suppressive Cells Promote B cell-Mediated Immunosuppression via Transfer of PD-L1 in Glioblastoma. <b>2019</b> , 7, 1928-1943		44
1345	Frequent Loss of IRF2 in Cancers Leads to Immune Evasion through Decreased MHC Class I Antigen Presentation and Increased PD-L1 Expression. <b>2019</b> , 203, 1999-2010		35
1344	Bulk tissue cell type deconvolution with multi-subject single-cell expression reference. <b>2019</b> , 10, 380		221
1343	Irradiation increases the immunogenicity of lung cancer cells and irradiation-based tumor cell vaccine elicits tumor-specific T cell responses in vivo. <b>2019</b> , 12, 3805-3815		11
1342	Histone methyltransferase SETDB1 contributes to melanoma tumorigenesis and serves as a new potential therapeutic target. <b>2019</b> , 145, 3462-3477		28
1341	Molecular and pharmacological modulators of the tumor immune contexture revealed by deconvolution of RNA-seq data. <b>2019</b> , 11, 34		243
1340	Functional genomics in cancer immunotherapy: computational approaches for biomarker and drug discovery. <b>2019</b> , 4, 689-700		2
1339	Role of Immune Response, Inflammation, and Tumor Immune Response-Related Cytokines/Chemokines in Melanoma Progression. <b>2019</b> , 139, 2352-2358.e3		15
1338	Prognostic impact of immune gene expression signature and tumor infiltrating immune cells in localized clear cell renal cell carcinoma. <b>2019</b> , 7, 139		54
1337	Identification of CTRP1 as a Prognostic Biomarker and Oncogene in Human Glioblastoma. <b>2019</b> , 2019, 2582416		4
1336	Pharmacological inhibition of Eatenin/BCL9 interaction overcomes resistance to immune checkpoint blockades by modulating T cells. <b>2019</b> , 5, eaau5240		52
1335	Fast and robust deconvolution of tumor infiltrating lymphocyte from expression profiles using least trimmed squares. <b>2019</b> , 15, e1006976		18
1334	Proceedings of the fourth international molecular pathological epidemiology (MPE) meeting. <b>2019</b> , 30, 799-811		5
1333	The new identified biomarkers determine sensitivity to immune check-point blockade therapies in melanoma. <b>2019</b> , 8, 1608132		22



1332	Investigation of lipid metabolism dysregulation and the effects on immune microenvironments in pan-cancer using multiple omics data. <b>2019</b> , 20, 195	39
1331	Balancing sensitivity and specificity in distinguishing TCR groups by CDR sequence similarity. <b>2019</b> , 20, 241	11
1330	Can CpG methylation serve as surrogate markers for immune infiltration in cancer?. <b>2019</b> , 143, 351-384	12
1329	Immune microenvironments differ in immune characteristics and outcome of glioblastoma multiforme. <b>2019</b> , 8, 2897-2907	19
1328	Neoantigen-directed immune escape in lung cancer evolution. <b>2019</b> , 567, 479-485	358
1327	Dynamic host immune response in virus-associated cancers. <b>2019</b> , 2, 109	20
1326	Inflammatory regulatory network mediated by the joint action of NF-kB, STAT3, and AP-1 factors is involved in many human cancers. <b>2019</b> , 116, 9453-9462	77
1325	Prognostic significance of circulating PD-1, PD-L1, pan-BTN3As, BTN3A1 and BTLA in patients with pancreatic adenocarcinoma. <b>2019</b> , 8, e1561120	59
1324	Characterization of Hypoxia-associated Molecular Features to Aid Hypoxia-Targeted Therapy. <b>2019</b> , 1, 431-444	76
1323	Clinicopathological, immune and molecular correlates of methylation in gastric adenocarcinomas. <b>2019</b> , 11, 639-653	9
1322	Are Conventional Type 1 Dendritic Cells Critical for Protective Antitumor Immunity and How?. <b>2019</b> , 10, 9	69
1321	Targeting the Post-Irradiation Tumor Microenvironment in Glioblastoma via Inhibition of CXCL12. <b>2019</b> , 11,	9
1320	A robust panel based on tumour microenvironment genes for prognostic prediction and tailoring therapies in stage I-III colon cancer. <b>2019</b> , 42, 420-430	25
1319	Systems immunology: Integrating multi-omics data to infer regulatory networks and hidden drivers of immunity. <b>2019</b> , 15, 19-29	18
1318	Pathways- and epigenetic-based assessment of relative immune infiltration in various types of solid tumors. <b>2019</b> , 142, 107-143	7
1317	Integrative analysis identifies DNMTs against immune-infiltrating neutrophils and dendritic cells in colorectal cancer. <b>2019</b> , 14, 392-404	8
1316	RNA Sequencing of the Tumor Microenvironment in Precision Cancer Immunotherapy. <b>2019</b> , 5, 149-156	17
1315	Integrative Analysis of Novel Metabolic Subtypes in Pancreatic Cancer Fosters New Prognostic Biomarkers. <b>2019</b> , 9, 115	21

1314	WISP1 is associated to advanced disease, EMT and an inflamed tumor microenvironment in multiple solid tumors. <b>2019</b> , 8, e1581545	9
1313	Integrative analysis identifies lincRNAs up- and downstream of neuroblastoma driver genes. <b>2019</b> , 9, 5685	6
1312	Loss of Forkhead Box O3 Facilitates Inflammatory Colon Cancer: Transcriptome Profiling of the Immune Landscape and Novel Targets. <b>2019</b> , 7, 391-408	17
1311	SPAG5 upregulation contributes to enhanced c-MYC transcriptional activity via interaction with c-MYC binding protein in triple-negative breast cancer. <b>2019</b> , 12, 14	22
1310	Landscape of B cell immunity and related immune evasion in human cancers. <b>2019</b> , 51, 560-567	56
1309	LAYN Is a Prognostic Biomarker and Correlated With Immune Infiltrates in Gastric and Colon Cancers. <b>2019</b> , 10, 6	158
1308	A deconvolution method for predicting cell abundance based on single cell RNA-seq data. <b>2019</b> ,	
1307	MicroRNA-155 coordinates the immunological landscape within murine melanoma and correlates with immunity in human cancers. <b>2019</b> , 4,	16
1306	Improved cell composition deconvolution method of bulk gene expression profiles to quantify subsets of immune cells. <b>2019</b> , 12, 169	5
1305	Putative biomarkers for predicting tumor sample purity based on gene expression data. <b>2019</b> , 20, 1021	7
1304	Tumor Characterization in Breast Cancer Identifies Immune-Relevant Gene Signatures Associated With Prognosis. <b>2019</b> , 10, 1119	29
1303	Soluble immune checkpoint-related proteins as predictors of tumor recurrence, survival, and T cell phenotypes in clear cell renal cell carcinoma patients. <b>2019</b> , 7, 334	51
1302	CDSeq: A novel complete deconvolution method for dissecting heterogeneous samples using gene expression data. <b>2019</b> , 15, e1007510	18
1301	A Novel Biomarker Based on miRNA to Predict the Prognosis of Muscle-Invasive Bladder Urothelial Carcinoma. <b>2019</b> , 2019, 2654296	2
1300	Biomarker for personalized immunotherapy. <b>2019</b> , 8, S308-S317	5
1299	The kidney transcriptome, from single cells to whole organs and back. <b>2019</b> , 28, 219-226	6
1298	Identification of a Tumor Microenvironment-Related Eight-Gene Signature for Predicting Prognosis in Lower-Grade Gliomas. <b>2019</b> , 10, 1143	17
1297	Demethylation and Overexpression of CSF2 are Involved in Immune Response, Chemotherapy Resistance, and Poor Prognosis in Colorectal Cancer. <b>2019</b> , 12, 11255-11269	9

1296 In Silico Methods for Studying T Cell Biology. **2019**, 342, 265-304

1295 A Leukocyte Infiltration Score Defined by a Gene Signature Predicts Melanoma Patient Prognosis. **2019**, 17, 109-119 20

1294 dtangle: accurate and robust cell type deconvolution. **2019**, 35, 2093-2099 30

1293 Comprehensive analysis of tumor immune infiltration associated with endogenous competitive RNA networks in lung adenocarcinoma. **2019**, 215, 159-170 23

1292 Comprehensive analysis of prognostic immune-related genes in the tumor microenvironment of cutaneous melanoma. **2020**, 235, 1025-1035 56

1291 ICeD-T Provides Accurate Estimates of Immune Cell Abundance in Tumor Samples by Allowing for Aberrant Gene Expression Patterns. **2020**, 115, 1055-1065 4

1290 Digital Inference of Immune Microenvironment Reveals Low-Risk Subtype of Early Lung Adenocarcinoma. **2020**, 109, 343-349 8

1289 Identification of non-cancer cells from cancer transcriptomic data. **2020**, 1863, 194445 1

1288 NITUMID: Nonnegative matrix factorization-based Immune-Tumor Microenvironment Deconvolution. **2020**, 36, 1344-1350 4

1287 The immunobiology of hepatocellular carcinoma in humans and mice: Basic concepts and therapeutic implications. **2020**, 72, 167-182 64

1286 Identifying FL11 subtype by characterizing tumor immune microenvironment in prostate adenocarcinoma via Chou's 5-steps rule. **2020**, 112, 1500-1515 23

1285 GATA3 as a master regulator for interactions of tumor-associated macrophages with high-grade serous ovarian carcinoma. **2020**, 68, 109539 32

1284 Advancing neuro-oncology of glial tumors from big data and multidisciplinary studies. **2020**, 146, 1-7 2

1283 Multifactorial Deep Learning Reveals Pan-Cancer Genomic Tumor Clusters with Distinct Immunogenomic Landscape and Response to Immunotherapy. **2020**, 26, 2908-2920 12

1282 Investigation of Antigen-Specific T-Cell Receptor Clusters in Human Cancers. **2020**, 26, 1359-1371 42

1281 TEX19 promotes ovarian carcinoma progression and is a potential target for epitope vaccine immunotherapy. **2020**, 241, 117171 5

1280 The blood-brain barrier and blood-tumour barrier in brain tumours and metastases. **2020**, 20, 26-41 395

1279 Systematic construction and validation of an immune prognostic model for lung adenocarcinoma. **2020**, 24, 1233-1244 23

1278	Prognostic and Immunological Role of FUN14 Domain Containing 1 in Pan-Cancer: Friend or Foe?. <b>2019</b> , 9, 1502	16
1277	Clinical Implications of Aberrant PD-1 and CTLA4 Expression for Cancer Immunity and Prognosis: A Pan-Cancer Study. <b>2020</b> , 11, 2048	19
1276	Estrogen Receptor Downregulates Expression of PD-1/PD-L1 and Infiltration of CD8 T Cells by Inhibiting IL-17 Signaling Transduction in Breast Cancer. <b>2020</b> , 10, 582863	9
1275	A machine learning analysis of a "normal-like" IDH-WT diffuse glioma transcriptomic subgroup associated with prolonged survival reveals novel immune and neurotransmitter-related actionable targets. <b>2020</b> , 18, 280	2
1274	Identification of an Immune-Related Prognostic Predictor in Hepatocellular Carcinoma. <b>2020</b> , 7, 567950	5
1273	Seven-Gene Signature Based on Glycolysis Is Closely Related to the Prognosis and Tumor Immune Infiltration of Patients With Gastric Cancer. <b>2020</b> , 10, 1778	17
1272	Prognostic and Predictive Value of Tumor-Infiltrating Immune Cells in Urothelial Cancer of the Bladder. <b>2020</b> , 12,	8
1271	Theoretical and Analyses Reveal MYC as a Dynamic Network Biomarker in Colon and Rectal Cancer. <b>2020</b> , 11, 555540	0
1270	The role of plant-derived natural substances as immunomodulatory agents in carcinogenesis. <b>2020</b> , 146, 3137-3154	11
1269	In-depth characterization of the biomarkers based on tumor-infiltrated immune cells reveals implications for diagnosis and prognosis in hepatocellular carcinoma. <b>2020</b> , 3, 100067	0
1268	Clinical implication and immunological characterisation of the ARF-GEF family member CYTH4 in ovarian cancer. <b>2020</b> , 53, 434-442	1
1267	Immunological and clinicopathological characteristics of C1RL in 2120 glioma patients. <b>2020</b> , 20, 931	2
1266	Identification of a Novel Signature and Construction of a Nomogram Predicting Overall Survival in Clear Cell Renal Cell Carcinoma. <b>2020</b> , 11, 1017	0
1265	Comprehensive analysis of the immunological landscape of pituitary adenomas: implications of immunotherapy for pituitary adenomas. <b>2020</b> , 149, 473-487	8
1264	Expression of IFN-induced 2'-5'-oligoadenylate synthetases correlates with immune infiltration, revealing potential targets and new biomarkers for basal-like breast cancer prognosis. <b>2020</b> , 88, 106916	0
1263	Establishment and validation of an immune-associated signature in lung adenocarcinoma. <b>2020</b> , 88, 106867	5
1262	Identification of a prognostic gene signature based on an immunogenomic landscape analysis of bladder cancer. <b>2020</b> , 24, 13370-13382	9
1261	Loss of ACSM3 confers worsened prognosis and immune exclusion to cutaneous melanoma. <b>2020</b> , 11, 6582-6590	3

1260	TYROBP is a potential prognostic biomarker of clear cell renal cell carcinoma. <b>2020</b> , 10, 2588-2604	9
1259	An immune risk score with potential implications in prognosis and immunotherapy of metastatic melanoma. <b>2020</b> , 88, 106921	2
1258	Prognostic Value and Immune Infiltrates of ABCA8 and FABP4 in Stomach Adenocarcinoma. <b>2020</b> , 2020, 4145164	7
1257	DCK is a promising prognostic biomarker and correlated with immune infiltrates in hepatocellular carcinoma. <b>2020</b> , 18, 176	9
1256	Association of CXCL13 and Immune Cell Infiltration Signature in Clear Cell Renal Cell Carcinoma. <b>2020</b> , 17, 1610-1624	9
1255	Characteristic analysis of light and heat transfer in photothermal therapy using multiple-light-source heating strategy. <b>2020</b> , 158, 106533	8
1254	Integrated Analysis of Prognostic and Immune Associated Integrin Family in Ovarian Cancer. <b>2020</b> , 11, 705	8
1253	Predicting Cross-Reactivity and Antigen Specificity of T Cell Receptors. <b>2020</b> , 11, 565096	9
1252	Renal Carcinoma Is Associated With Increased Risk of Coronavirus Infections. <b>2020</b> , 7, 579422	8
1251	Tumor Derived SIGLEC Family Genes May Play Roles in Tumor Genesis, Progression, and Immune Microenvironment Regulation. <b>2020</b> , 10, 586820	9
1250	Prognostic Value of Gaskrokin-2 (GKN2) and Its Correlation with Tumor-Infiltrating Immune Cells in Lung Cancer and Gastric Cancers. <b>2020</b> , 13, 933-944	2
1249	The Significance of Secreted Phosphoprotein 1 in Multiple Human Cancers. <b>2020</b> , 7, 565383	5
1248	SSMD: a semi-supervised approach for a robust cell type identification and deconvolution of mouse transcriptomics data. <b>2021</b> , 22,	1
1247	RNF183 Is a Prognostic Biomarker and Correlates With Tumor Purity, Immune Infiltrates in Uterine Corpus Endometrial Carcinoma. <b>2020</b> , 11, 595733	4
1246	Pan-Cancer Analysis of the Mitophagy-Related Protein PINK1 as a Biomarker for the Immunological and Prognostic Role. <b>2020</b> , 10, 569887	9
1245	Tumor evolutionary trajectories during the acquisition of invasiveness in early stage lung adenocarcinoma. <b>2020</b> , 11, 6083	5
1244	Independent Prognostic Potential of GNPAT1 in Lung Adenocarcinoma. <b>2020</b> , 2020, 8851437	4
1243	Multi-Omics and Informatics Analysis of FFPE Tissues Derived from Melanoma Patients with Long/Short Responses to Anti-PD1 Therapy Reveals Pathways of Response. <b>2020</b> , 12,	2

1242	FCGR1A Serves as a Novel Biomarker and Correlates With Immune Infiltration in Four Cancer Types. <b>2020</b> , 7, 581615	4
1241	Intratumor Heterogeneity Correlates With Reduced Immune Activity and Worse Survival in Melanoma Patients. <b>2020</b> , 10, 596493	5
1240	SITC cancer immunotherapy resource document: a compass in the land of biomarker discovery. <b>2020</b> , 8,	5
1239	Major Histocompatibility Complex Genes as Therapeutic Opportunity for Immune Cold Molecular Cancer Subtypes. <b>2020</b> , 2020, 8758090	2
1238	Bioinformatics Identification of the Expression and Clinical Significance of E2F Family in Endometrial Cancer. <b>2020</b> , 11, 557188	3
1237	ZBTB7A, a potential biomarker for prognosis and immune infiltrates, inhibits progression of endometrial cancer based on bioinformatics analysis and experiments. <b>2020</b> , 20, 542	2
1236	Genomics and the Immune Landscape of Osteosarcoma. <b>2020</b> , 1258, 21-36	8
1235	A five-immune-related genes-based prognostic signature for colorectal cancer. <b>2020</b> , 88, 106866	4
1234	Relationship between a 7-mRNA signature of the pancreatic adenocarcinoma microenvironment and patient prognosis (a STROBE-compliant article). <b>2020</b> , 99, e21287	3
1233	Identification and Validation of an Immunological Expression-Based Prognostic Signature in Breast Cancer. <b>2020</b> , 11, 912	5
1232	Pristimerin Suppressed Breast Cancer Progression via miR-542-5p/DUB3 Axis. <b>2020</b> , 13, 6651-6660	9
1231	Identification of prognosis-related genes and construction of multi-regulatory networks in pancreatic cancer microenvironment by bioinformatics analysis. <b>2020</b> , 20, 341	2
1230	Autophagy deficiency promotes triple-negative breast cancer resistance to T cell-mediated cytotoxicity by blocking tenascin-C degradation. <b>2020</b> , 11, 3806	38
1229	Study of the Female Sex Survival Advantage in Melanoma-A Focus on X-Linked Epigenetic Regulators and Immune Responses in Two Cohorts. <b>2020</b> , 12,	7
1228	METTL3 May Regulate Testicular Germ Cell Tumors Through EMT and Immune Pathways. <b>2020</b> , 29, 963689720946653	
1227	MethylResolver-a method for deconvoluting bulk DNA methylation profiles into known and unknown cell contents. <b>2020</b> , 3, 422	12
1226	Developing an Unbiased Multiplex PCR System to Enrich the Repertoire Toward Accurate Detection in Leukemia. <b>2020</b> , 11, 1631	1
1225	A Prognostic Nomogram Combining Immune-Related Gene Signature and Clinical Factors Predicts Survival in Patients With Lung Adenocarcinoma. <b>2020</b> , 10, 1300	24

1224	A prognostic signature based on immune-related genes for cervical squamous cell carcinoma and endocervical adenocarcinoma. <b>2020</b> , 88, 106884	13
1223	Pharmacologic Inhibition of FGFR Modulates the Metastatic Immune Microenvironment and Promotes Response to Immune Checkpoint Blockade. <b>2020</b> , 8, 1542-1553	10
1222	Molecular correlates and therapeutic targets in T cell-inflamed versus non-T cell-inflamed tumors across cancer types. <b>2020</b> , 12, 90	9
1221	Expression Patterns and Prognostic Values of ORMDL1 in Different Cancers. <b>2020</b> , 2020, 5178397	1
1220	Independent prognostic implications of in lung adenocarcinoma. <b>2020</b> , 11, 7009-7022	9
1219	BRCA1 Is a Novel Prognostic Indicator and Associates with Immune Cell Infiltration in Hepatocellular Carcinoma. <b>2020</b> , 39, 1838-1849	11
1218	Identifying bifurcated paths with differential function impact in glioblastomas evolution. <b>2020</b> , 147, 3139-3151	
1217	Identification of a Novel Immune-Related Prognostic Biomarker and Small-Molecule Drugs in Clear Cell Renal Cell Carcinoma (ccRCC) by a Merged Microarray-Acquired Dataset and TCGA Database. <b>2020</b> , 11, 810	6
1216	Prognostic and Immunological Value of Angiotensin-Converting Enzyme 2 in Pan-Cancer. <b>2020</b> , 7, 189	6
1215	Comprehensive analysis on the expression levels and prognostic values of LOX family genes in kidney renal clear cell carcinoma. <b>2020</b> , 9, 8624-8638	6
1214	CMTM6 is positively correlated with PD-L1 expression and immune cells infiltration in lung squamous carcinoma. <b>2020</b> , 88, 106864	8
1213	Matrix Metalloproteinase 14: A Candidate Prognostic Biomarker for Diffuse Large B-Cell Lymphoma. <b>2020</b> , 10, 1520	3
1212	Upregulation of oxidative stress-responsive 1(OXSR1) predicts poor prognosis and promotes hepatocellular carcinoma progression. <b>2020</b> , 11, 958-971	8
1211	A Statistical Method for Association Analysis of Cell Type Compositions.. <b>2021</b> , 13, 373-385	
1210	Favorable Immune Microenvironment in Patients with EGFR and MAPK Co-Mutations. <b>2020</b> , 11, 59-71	
1209	Association Between Succinate Receptor SUCNR1 Expression and Immune Infiltrates in Ovarian Cancer. <b>2020</b> , 7, 150	9
1208	Association Analysis of Peripheral and CSF Biomarkers in Late Mild Cognitive Impairment. <b>2020</b> , 11, 834	0
1207	mA Regulator TRMT10C Predicts Poorer Survival and Contributes to Malignant Behavior in Gynecological Cancers. <b>2020</b> , 39, 1767-1778	7

1206	Analysis of N6-Methyladenosine Methyltransferase Reveals METTL14 and ZC3H13 as Tumor Suppressor Genes in Breast Cancer. <b>2020</b> , 10, 578963		23
1205	Integrated Analysis of the ETS Family in Melanoma Reveals a Regulatory Role of ETV7 in the Immune Microenvironment. <b>2020</b> , 11, 612784		4
1204	Overexpression of TPX2 predicts poor clinical outcome and is associated with immune infiltration in hepatic cell cancer. <b>2020</b> , 99, e23554		3
1203	Follistatin-like 1 (FSTL1) is a prognostic biomarker and correlated with immune cell infiltration in gastric cancer. <b>2020</b> , 18, 324		12
1202	Benchmarking of cell type deconvolution pipelines for transcriptomics data. <b>2020</b> , 11, 5650		45
1201	Multomics profiling of primary lung cancers and distant metastases reveals immunosuppression as a common characteristic of tumor cells with metastatic plasticity. <i>Genome Biology</i> , <b>2020</b> , 21, 271	18.3	13
1200	Enhanced Efficacy of Simultaneous PD-1 and PD-L1 Immune Checkpoint Blockade in High-Grade Serous Ovarian Cancer. <b>2021</b> , 81, 158-173		27
1199	Molecular characterization, biological function, tumor microenvironment association and clinical significance of m6A regulators in lung adenocarcinoma. <b>2021</b> , 22,		40
1198	Tumor-Infiltrating CD8 T Cells Predict Clinical Breast Cancer Outcomes in Young Women. <b>2020</b> , 12,		19
1197	Immune Cytolytic Activity for Comprehensive Understanding of Immune Landscape in Hepatocellular Carcinoma. <b>2020</b> , 12,		30
1196	Omics-wide quantitative B-cell infiltration analyses identify GPR18 for human cancer prognosis with superiority over CD20. <b>2020</b> , 3, 234		6
1195	Development and validation of a five-immune gene prognostic risk model in colon cancer. <b>2020</b> , 20, 395		16
1194	The miR-1224-5p/ELF3 Axis Regulates Malignant Behaviors of Pancreatic Cancer via PI3K/AKT/Notch Signaling Pathways. <b>2020</b> , 13, 3449-3466		14
1193	Characterizing diversity in the tumor-immune microenvironment of distinct subclasses of gastroesophageal adenocarcinomas. <b>2020</b> , 31, 1011-1020		44
1192	Unraveling tumor-immune heterogeneity in advanced ovarian cancer uncovers immunogenic effect of chemotherapy. <b>2020</b> , 52, 582-593		64
1191	Management of glioblastoma: State of the art and future directions. <b>2020</b> , 70, 299-312		328
1190	Less immune cell infiltration and worse prognosis after immunotherapy for patients with lung adenocarcinoma who harbored STK11 mutation. <b>2020</b> , 84, 106574		16
1189	Glioblastoma multiforme: novel therapeutic targets. <b>2020</b> , 24, 605-614		10



1188	Expression of ACAP1 Is Associated with Tumor Immune Infiltration and Clinical Outcome of Ovarian Cancer. <b>2020</b> , 39, 1545-1557	4
1187	Oncoprotein SND1 hijacks nascent MHC-I heavy chain to ER-associated degradation, leading to impaired CD8 T cell response in tumor. <b>2020</b> , 6,	10
1186	The tumor immune microenvironmental analysis of 2,033 transcriptomes across 7 cancer types. <b>2020</b> , 10, 9536	7
1185	Analysis of Expression and Its Clinical Significance of the Secreted Phosphoprotein 1 in Lung Adenocarcinoma. <b>2020</b> , 11, 547	12
1184	Mining topoisomerase isoforms in gastric cancer. <b>2020</b> , 754, 144859	2
1183	Identification of CDC5L as bridge gene between chronic obstructive pulmonary disease and lung adenocarcinoma. <b>2020</b> , 12, 1515-1529	1
1182	Significance of STAT3 in Immune Infiltration and Drug Response in Cancer. <b>2020</b> , 10,	7
1181	Construction of a 13-Genes Signature as a Novel Prognostic Marker for Patients with Clear Cell Renal Cell Carcinoma and the Role of XCR1 in Cell Proliferation. <b>2020</b> , 12, 4017-4027	
1180	Folate Receptor $\alpha$ Expression in Tissue-Resident and Tumor-Associated Macrophages Associates with and Depends on the Expression of PU.1. <b>2020</b> , 9,	3
1179	Macrophage correlates with immunophenotype and predicts anti-PD-L1 response of urothelial cancer. <b>2020</b> , 10, 7002-7014	47
1178	SPAG5: An Emerging Oncogene. <b>2020</b> , 6, 543-547	9
1177	Profiles of immune-related genes and immune cell infiltration in the tumor microenvironment of diffuse lower-grade gliomas. <b>2020</b> , 235, 7321-7331	27
1176	CMA1 is potent prognostic marker and associates with immune infiltration in gastric cancer. <b>2020</b> , 53, 210-217	7
1175	Profiles of immune cell infiltration and their clinical significance in head and neck squamous cell carcinoma. <b>2020</b> , 82, 106364	10
1174	Immune and Stroma Related Genes in Breast Cancer: A Comprehensive Analysis of Tumor Microenvironment Based on the Cancer Genome Atlas (TCGA) Database. <b>2020</b> , 7, 64	26
1173	Computational methods in tumor immunology. <b>2020</b> , 636, 209-259	1
1172	Exosome miR-27a-3p secreted from adipocytes targets ICOS to promote antitumor immunity in lung adenocarcinoma. <b>2020</b> , 11, 1453-1464	6
1171	In silico analyses of the tumor microenvironment highlight tumoral inflammation, a Th2 cytokine shift and a mesenchymal stem cell-like phenotype in advanced in basal cell carcinomas. <b>2020</b> , 14, 245-254	6

1170	CLEC3B as a potential diagnostic and prognostic biomarker in lung cancer and association with the immune microenvironment. <b>2020</b> , 20, 106	20
1169	Robust partial reference-free cell composition estimation from tissue expression. <b>2020</b> , 36, 3431-3438	4
1168	Multi-omics characterization of molecular features of gastric cancer correlated with response to neoadjuvant chemotherapy. <b>2020</b> , 6, eaay4211	20
1167	A reference profile-free deconvolution method to infer cancer cell-intrinsic subtypes and tumor-type-specific stromal profiles. <b>2020</b> , 12, 24	12
1166	Prediction and identification of immune genes related to the prognosis of patients with colon adenocarcinoma and its mechanisms. <b>2020</b> , 18, 146	7
1165	Novel Potential Biomarkers Associated With Epithelial to Mesenchymal Transition and Bladder Cancer Prognosis Identified by Integrated Bioinformatic Analysis. <b>2020</b> , 10, 931	4
1164	Chemerin Reactivates PTEN and Suppresses PD-L1 in Tumor Cells via Modulation of a Novel CMKLR1-mediated Signaling Cascade. <b>2020</b> , 26, 5019-5035	22
1163	An Analysis Regarding the Association Between the Gene and Gastric Carcinogenesis. <b>2020</b> , 11, 620	8
1162	Decreased PTGDS Expression Predicting Poor Survival of Endometrial Cancer by Integrating Weighted Gene Co-Expression Network Analysis and Immunohistochemical Validation. <b>2020</b> , 12, 5057-5075	7
1161	Immunogenomic Landscape of Hematological Malignancies. <b>2020</b> , 38, 380-399.e13	37
1160	DCK is an Unfavorable Prognostic Biomarker and Correlated With Immune Infiltrates in Liver Cancer. <b>2020</b> , 19, 1533033820934133	2
1159	DAB2IP Plays Important Clinical Significance and Correlates With Immune Infiltration in Renal Cell Carcinoma. <b>2020</b> , 19, 1533033820936682	1
1158	Calculation of immune cell proportion from batch tumor gene expression profile based on support vector regression. <b>2020</b> , 18, 2050030	0
1157	SnapShot: TP53 status and macrophages infiltration in TCGA-analyzed tumors. <b>2020</b> , 86, 106758	15
1156	Prognostic and Predictive Value of Cadherin 11 for Patients with Gastric Cancer and Its Correlation with Tumor Microenvironment: Results from Microarray Analysis. <b>2020</b> , 2020, 8107478	2
1155	Tissue-guided LASSO for prediction of clinical drug response using preclinical samples. <b>2020</b> , 16, e1007607	11
1154	Identification immunophenotyping of lung adenocarcinomas based on the tumor microenvironment. <b>2020</b> , 121, 4569-4579	9
1153	Clinical relevance of ARF/ARL family genes and oncogenic function of ARL4C in endometrial cancer. <b>2020</b> , 125, 110000	3

1152	Not all cancers are created equal: Tissue specificity in cancer genes and pathways. <b>2020</b> , 63, 135-143	11
1151	Pan-cancer characterization of immune-related lncRNAs identifies potential oncogenic biomarkers. <b>2020</b> , 11, 1000	142
1150	Yap suppresses T-cell function and infiltration in the tumor microenvironment. <b>2020</b> , 18, e3000591	20
1149	Cancer-associated V-ATPase induces delayed apoptosis of protumorigenic neutrophils. <b>2020</b> , 14, 590-610	4
1148	Knowledge-guided analysis of "omics" data using the KnowEnG cloud platform. <b>2020</b> , 18, e3000583	19
1147	Development and validation of an immune prognostic classifier for clear cell renal cell carcinoma. <b>2020</b> , 27, 265-275	6
1146	Anti-tumor immune response varies among individuals: A gene expression profiling of mouse melanoma. <b>2020</b> , 80, 106211	1
1145	Identification of Prognostic Immune Genes in Bladder Urothelial Carcinoma. <b>2020</b> , 2020, 7510120	2
1144	Prognostic biomarker MITD1 and its correlation with immune infiltrates in hepatocellular carcinoma (HCC). <b>2020</b> , 81, 106222	20
1143	Loss-Function Learning for Digital Tissue Deconvolution. <b>2020</b> , 27, 342-355	3
1142	Magnetic resonance imaging-based radiomic features for extrapolating infiltration levels of immune cells in lower-grade gliomas. <b>2020</b> , 196, 913-921	8
1141	Intrinsic Genetic and Transcriptomic Patterns Reflect Tumor Immune Subtypes Facilitating Exploring Possible Combinatory Therapy. <b>2020</b> , 7, 53	1
1140	Differential Expression and Clinicopathological Significance of HER2, Indoleamine 2,3-Dioxygenase and PD-L1 in Urothelial Carcinoma of the Bladder. <b>2020</b> , 9,	7
1139	Peritumoral administration of IFN $\gamma$ -upregulated mesenchymal stem cells inhibits tumor growth in an orthotopic, immunocompetent rat glioma model. <b>2020</b> , 8,	4
1138	(, ) DNA methylation correlates with LAG3 expression by tumor and immune cells, immune cell infiltration, and overall survival in clear cell renal cell carcinoma. <b>2020</b> , 8,	28
1137	Identification of Potential Biomarkers for Anti-PD-1 Therapy in Melanoma by Weighted Correlation Network Analysis. <b>2020</b> , 11,	8
1136	Cyclophilin A Inhibitor Debio-025 Targets Crk, Reduces Metastasis, and Induces Tumor Immunogenicity in Breast Cancer. <b>2020</b> , 18, 1189-1201	4
1135	Prognostic value of a nine-gene signature in glioma patients based on tumor-associated macrophages expression profiling. <b>2020</b> , 216, 108430	7

1134	SYT16 is a prognostic biomarker and correlated with immune infiltrates in glioma: A study based on TCGA data. <b>2020</b> , 84, 106490	10
1133	Spatially resolved analyses link genomic and immune diversity and reveal unfavorable neutrophil activation in melanoma. <b>2020</b> , 11, 1839	9
1132	Microbiome, bile acids, and obesity: How microbially modified metabolites shape anti-tumor immunity. <b>2020</b> , 295, 220-239	17
1131	Topological Tumor Graphs: A Graph-Based Spatial Model to Infer Stromal Recruitment for Immunosuppression in Melanoma Histology. <b>2020</b> , 80, 1199-1209	14
1130	Identification of hub genes in papillary thyroid carcinoma: robust rank aggregation and weighted gene co-expression network analysis. <b>2020</b> , 18, 170	6
1129	Prediagnostic 25-Hydroxyvitamin D Concentrations in Relation to Tumor Molecular Alterations and Risk of Breast Cancer Recurrence. <b>2020</b> , 29, 1253-1263	1
1128	Induced Tumor Heterogeneity Reveals Factors Informing Radiation and Immunotherapy Combinations. <b>2020</b> , 26, 2972-2985	2
1127	Comprehensive immunogenomic landscape analysis of prognosis-related genes in head and neck cancer. <b>2020</b> , 10, 6395	13
1126	Computational principles and practice for decoding immune contexture in the tumor microenvironment. <b>2021</b> , 22,	19
1125	Artificial intelligence and the interplay between tumor and immunity. <b>2021</b> , 211-235	0
1124	Deubiquitinase USP35 restrains STING-mediated interferon signaling in ovarian cancer. <b>2021</b> , 28, 139-155	7
1123	An integrative pan-cancer analysis of COPB1 based on data mining. <b>2021</b> , 30, 13-27	5
1122	S100 calcium-binding protein A9 from tumor-associated macrophage enhances cancer stem cell-like properties of hepatocellular carcinoma. <b>2021</b> , 148, 1233-1244	9
1121	The CXCL11-CXCR3A axis influences the infiltration of CD274 and IDO1 in oral squamous cell carcinoma. <b>2021</b> , 50, 362-370	2
1120	Clinicopathological and immunological characterization of RNA m A methylation regulators in ovarian cancer. <b>2021</b> , 9, e1547	9
1119	Correlation between prognostic indicator AHNK2 and immune infiltrates in lung adenocarcinoma. <b>2021</b> , 90, 107134	3
1118	Identification of the immune gene expression signature associated with recurrence of high-grade gliomas. <b>2021</b> , 99, 241-255	3
1117	Identification of immune-related genes with prognostic significance in the microenvironment of cutaneous melanoma. <b>2021</b> , 478, 943-959	3

1116	M6A Regulatory Genes Play an Important Role in the Prognosis, Progression and Immune Microenvironment of Pancreatic Adenocarcinoma. <b>2021</b> , 39, 39-54	17
1115	A new survival model based on ion channel genes for prognostic prediction in hepatocellular carcinoma. <b>2021</b> , 113, 171-182	1
1114	Immunological Role and Prognostic Value of APBB1IP in Pan-Cancer Analysis. <b>2021</b> , 12, 595-610	4
1113	Transmembrane and Immunoglobulin Domain Containing 1, a Putative Tumor Suppressor, Induces G2/M Cell Cycle Checkpoint Arrest in Colon Cancer Cells. <b>2021</b> , 191, 157-167	5
1112	Overexpression of enolase 2 is associated with worsened prognosis and increased glycolysis in papillary renal cell carcinoma. <b>2021</b> , 236, 3821-3831	2
1111	Expression profile of immune checkpoint genes and their roles in predicting immunotherapy response. <b>2021</b> , 22,	25
1110	Towards multi-omics characterization of tumor heterogeneity: a comprehensive review of statistical and machine learning approaches. <b>2021</b> , 22,	4
1109	Characterization of the Clinical Significance of PD-1/PD-Ls Expression and Methylation in Patients With Low-Grade Glioma. <b>2021</b> , 20, 15330338211011970	2
1108	Long non-coding RNA FAM83H-AS1 acts as a potential oncogenic driver in human ovarian cancer. <b>2021</b> , 14, 6	2
1107	Identification of a novel six autophagy-related genes signature for the prognostic and a miRNA-related autophagy predictor for anti-PD-1 therapy responses in prostate cancer. <b>2021</b> , 21, 15	2
1106	Model establishment of prognostic-related immune genes in laryngeal squamous cell carcinoma. <b>2021</b> , 100, e24263	1
1105	Biology and Treatment of Glioblastoma : Future Direction of Basic Research. <b>2021</b> , 30, 380-390	
1104	Cell Subtype Classification via Representation Learning Based on a Denoising Autoencoder for Single-Cell RNA Sequencing. <b>2021</b> , 9, 14540-14548	1
1103	Rapid advancement in cancer genomic big data in the pursuit of precision oncology. <b>2021</b> , 30,	
1102	CLEC3B as a Potential Prognostic Biomarker in Hepatocellular Carcinoma. <b>2020</b> , 7, 614034	2
1101	Prognostic Value of Complement Properdin in Cancer. <b>2020</b> , 11, 614980	4
1100	Estrogen receptor beta signaling in CD8 T cells boosts T cell receptor activation and antitumor immunity through a phosphotyrosine switch. <b>2021</b> , 9,	6
1099	Evaluation of Aspirin Use With Cancer Incidence and Survival Among Older Adults in the Prostate, Lung, Colorectal, and Ovarian Cancer Screening Trial. <b>2021</b> , 4, e2032072	2

1098	The Multiple Potential Biomarkers for Predicting Immunotherapy Response-Finding the Needle in the Haystack. <b>2021</b> , 13,	8
1097	Prognostic and immunological role of Fam20C in pan-cancer. <b>2021</b> , 41,	7
1096	Mining database for the expression and clinical significance of STAT family in head and neck squamous cell carcinomas. <b>2021</b> , 14, 100976	1
1095	Tsukushi is a novel prognostic biomarker and correlates with tumor-infiltrating B cells in non-small cell lung cancer. <b>2021</b> , 13, 4428-4451	3
1094	CDCA3 Is a Novel Prognostic Biomarker Associated with Immune Infiltration in Hepatocellular Carcinoma. <b>2021</b> , 2021, 6622437	8
1093	A Combined Two-mRNA Signature Associated With PD-L1 and Tumor Mutational Burden for Prognosis of Lung Adenocarcinoma. <b>2021</b> , 9, 634697	3
1092	Role of ATF3 as a prognostic biomarker and correlation of ATF3 expression with macrophage infiltration in hepatocellular carcinoma. <b>2021</b> , 14, 8	3
1091	Siglec15 shapes a non-inflamed tumor microenvironment and predicts the molecular subtype in bladder cancer. <b>2021</b> , 11, 3089-3108	35
1090	Prognostic Impact of MITD1 and Associates With Immune Infiltration in Kidney Renal Clear Cell Carcinoma. <b>2021</b> , 20, 15330338211036233	1
1089	Epithelial-Mesenchymal Transition Inversely Associates With Immune Activity in Breast Cancer Tumour Immune Microenvironment.	
1088	Prognostic and immunological significance of metastasis associated lung adenocarcinoma transcript 1 among different kinds of cancers. <b>2021</b> , 12, 4247-4258	1
1087	COL1A1 Is a Potential Prognostic Biomarker and Correlated with Immune Infiltration in Mesothelioma. <b>2021</b> , 2021, 5320941	4
1086	potentiates immune checkpoint blockade therapy in homologous recombination-deficient tumors. <b>2021</b> , 11, 7175-7187	3
1085	The Gene Expression Deconvolution Interactive Tool (GEDIT): accurate cell type quantification from gene expression data. <b>2021</b> , 10,	11
1084	Integrated Genomic and Transcriptomic Analysis reveals key genes for predicting dual-phenotype Hepatocellular Carcinoma Prognosis. <b>2021</b> , 12, 2993-3010	2
1083	The aging-related risk signature in colorectal cancer. <b>2021</b> , 13, 7330-7349	13
1082	Immune infiltrating cells in cholangiocarcinoma may become clinical diagnostic markers: based on bioinformatics analysis. <b>2021</b> , 19, 59	3
1081	Immunostimulant hydrogel for the inhibition of malignant glioma relapse post-resection. <b>2021</b> , 16, 538-548	35

1080	Integrative analysis of genomic, epigenomic and transcriptomic data identified molecular subtypes of esophageal carcinoma. <b>2021</b> , 13, 6999-7019	2
1079	Expression Profile Analysis Identifies a Novel Seven Immune-Related Gene Signature to Improve Prognosis Prediction of Glioblastoma. <b>2021</b> , 12, 638458	4
1078	Development and Validation of an m6A RNA Methylation Regulators-Based Signature for Predicting the Prognosis of Adrenocortical Carcinoma. <b>2021</b> , 12, 568397	2
1077	Overexpression of abnormal spindle-like microcephaly-associated (ASPM) increases tumor aggressiveness and predicts poor outcome in patients with lung adenocarcinoma.. <b>2021</b> , 10, 983-997	1
1076	Therapeutically Increasing MHC-I Expression Potentiates Immune Checkpoint Blockade. <b>2021</b> , 11, 1524-1541	13
1075	Molecular and Clinicopathological Characterization of a Prognostic Immune Gene Signature Associated With MGMT Methylation in Glioblastoma. <b>2021</b> , 9, 600506	2
1074	Comprehensive Analysis of Cell Population Dynamics and Related Core Genes During Vitiligo Development. <b>2021</b> , 12, 627092	2
1073	T cell immune regulator 1 is a prognostic marker associated with immune infiltration in glioblastoma multiforme. <b>2021</b> , 21, 252	5
1072	Prognostic value of eight immune gene signatures in pancreatic cancer patients. <b>2021</b> , 14, 42	
1071	Integrative Genomic and Transcriptomic Analyses of Tumor Suppressor Genes and Their Role on Tumor Microenvironment and Immunity in Lung Squamous Cell Carcinoma. <b>2021</b> , 12, 598671	4
1070	CC Chemokine Receptors in Lung Adenocarcinoma: The Inflammation-Related Prognostic Biomarkers and Immunotherapeutic Targets. <b>2021</b> , 14, 267-285	9
1069	Colony-stimulating factor 3 signaling in colon and rectal cancers: Immune response and CMS classification in TCGA data. <b>2021</b> , 16, e0247233	3
1068	Identification of new biomarkers in immune microenvironment of testicular germ cell tumour. <b>2021</b> , 53, e13986	2
1067	Overexpression of ELOVL6 has been associated with poor prognosis in patients with head and neck squamous cell carcinoma.	
1066	Combination immunotherapy strategies for glioblastoma. <b>2021</b> , 151, 375-391	14
1065	Integrating genome-wide CRISPR immune screen with multi-omic clinical data reveals distinct classes of tumor intrinsic immune regulators. <b>2021</b> , 9,	7
1064	Comprehensive Analysis of CDCAs Methylation and Immune Infiltrates in Hepatocellular Carcinoma. <b>2020</b> , 10, 566183	4
1063	SpatialDWLS: accurate deconvolution of spatial transcriptomic data.	2

1062	LincRNA-immunity landscape analysis identifies EPIC1 as a regulator of tumor immune evasion and immunotherapy resistance. <b>2021</b> , 7,	9
1061	Identification and Validation of a Novel Immune-Related Four-lncRNA Signature for Lung Adenocarcinoma. <b>2021</b> , 12, 639254	10
1060	Preoperative immune landscape predisposes adverse outcomes in hepatocellular carcinoma patients with liver transplantation. <b>2021</b> , 5, 27	3
1059	TACC3 is a prognostic biomarker for kidney renal clear cell carcinoma and correlates with immune cell infiltration and T cell exhaustion. <b>2021</b> , 13, 8541-8562	5
1058	Computational Tumor Infiltration Phenotypes Enable the Spatial and Genomic Analysis of Immune Infiltration in Colorectal Cancer. <b>2021</b> , 11, 552331	0
1057	Integrated analysis of RNA-binding proteins in thyroid cancer. <b>2021</b> , 16, e0247836	1
1056	Machine Learning for Building Immune Genetic Model in Hepatocellular Carcinoma Patients. <b>2021</b> , 2021, 6676537	1
1055	Single-cell RNA sequencing in cancer research. <b>2021</b> , 40, 81	19
1054	Identification of Stemness Characteristics Associated With the Immune Microenvironment and Prognosis in Gastric Cancer. <b>2021</b> , 11, 626961	7
1053	Cell Division Cycle Associated Genes as Diagnostic and Prognostic Biomarkers in Hepatocellular Carcinoma. <b>2021</b> , 8, 657161	1
1052	The influence of lncRNAs on the prognosis of prostate cancer based on TCGA database. <b>2021</b> , 10, 1302-1313	3
1051	Algorithm-Based Meta-Analysis Reveals the Mechanistic Interaction of the Tumor Suppressor LIMD1 With Non-Small-Cell Lung Carcinoma. <b>2021</b> , 11, 632638	2
1050	Systematic evaluation of transcriptomics-based deconvolution methods and references using thousands of clinical samples.	0
1049	Differences in Tumor Immune Microenvironment in Metastatic Sites of Breast Cancer. <b>2021</b> , 11, 649004	4
1048	Identification of a five-immune gene model as an independent prognostic factor in hepatocellular carcinoma. <b>2021</b> , 21, 278	2
1047	Expression of cyclin-dependent kinases and their clinical significance with immune infiltrates could predict prognosis in colorectal cancer. <b>2021</b> , 29, e00602	3
1046	BayICE: A Bayesian hierarchical model for semireference-based deconvolution of bulk transcriptomic data. <b>2021</b> , 15,	0
1045	Development and validation of a robust immune-related risk signature for hepatocellular carcinoma. <b>2021</b> , 100, e24683	3



1044	A four-gene signature predicts survival and anti-CTLA4 immunotherapeutic responses based on immune classification of melanoma. <b>2021</b> , 4, 383	6
1043	Identification of cluster of differentiation molecule-associated microRNAs as potential therapeutic targets for gastrointestinal cancer immunotherapy. <b>2021</b> , 36, 22-32	4
1042	Expression and prognosis analysis of GINS subunits in human breast cancer. <b>2021</b> , 100, e24827	3
1041	L Antigen Family Member 3 Serves as a Prognostic Biomarker for the Clinical Outcome and Immune Infiltration in Skin Cutaneous Melanoma. <b>2021</b> , 2021, 6648182	3
1040	Bayesian network-driven clustering analysis with feature selection for high-dimensional multi-modal molecular data. <b>2021</b> , 11, 5146	2
1039	Immune Modeling Analysis Reveals Immunologic Signatures Associated With Improved Outcomes in High Grade Serous Ovarian Cancer. <b>2021</b> , 11, 622182	1
1038	Systematic Characterization of Expression Profiles and Prognostic Values of the Eight Subunits of the Chaperonin TRiC in Breast Cancer. <b>2021</b> , 12, 637887	7
1037	Construction of a Prognostic Gene Signature Associated with Immune Infiltration in Glioma: A Comprehensive Analysis Based on the CGGA. <b>2021</b> , 2021, 6620159	3
1036	Upregulation of GNPAT1 Predicts Poor Prognosis and Correlates With Immune Infiltration in Lung Adenocarcinoma. <b>2021</b> , 8, 605754	4
1035	Exploration in the mechanism of fucosterol for the treatment of non-small cell lung cancer based on network pharmacology and molecular docking. <b>2021</b> , 11, 4901	5
1034	Identification and development of an independent immune-related genes prognostic model for breast cancer. <b>2021</b> , 21, 329	0
1033	Identification of hub genes associated with neutrophils infiltration in colorectal cancer. <b>2021</b> , 25, 3371-3380	3
1032	Multi-omics analysis of genomics, epigenomics and transcriptomics for molecular subtypes and core genes for lung adenocarcinoma. <b>2021</b> , 21, 257	4
1031	DNASE1L3 as a Prognostic Biomarker Associated with Immune Cell Infiltration in Cancer. <b>2021</b> , 14, 2003-2017	7
1030	Immune-related genes with APA in microenvironment indicate risk stratification and clinical prognosis in grade II/III gliomas. <b>2021</b> , 23, 1229-1242	8
1029	Immune Profiling Reveals Molecular Classification and Characteristic in Urothelial Bladder Cancer. <b>2021</b> , 9, 596484	4
1028	Construction of Prognostic Risk Prediction Model of Oral Squamous Cell Carcinoma Based on Nine Survival-Associated Metabolic Genes. <b>2021</b> , 12, 609770	4
1027	The association of sex-biased ATRX mutation in female gastric cancer patients with enhanced immunotherapy-related anticancer immunity. <b>2021</b> , 21, 240	4

1026	FAM207BP, a pseudogene-derived lncRNA, facilitates proliferation, migration and invasion of lung adenocarcinoma cells and acts as an immune-related prognostic factor. <b>2021</b> , 268, 119022	1
1025	Characterization of Immune Infiltration and Construction of a Prediction Model for Overall Survival in Melanoma Patients. <b>2021</b> , 11, 639059	0
1024	MYD88 Is a Potential Prognostic Gene and Immune Signature of Tumor Microenvironment for Gliomas. <b>2021</b> , 11, 654388	4
1023	Combination of Immune-Related Genomic Alterations Reveals Immune Characterization and Prediction of Different Prognostic Risks in Ovarian Cancer. <b>2021</b> , 9, 653357	
1022	Genetic variations in the CTLA-4 immune checkpoint pathway are associated with colon cancer risk, prognosis, and immune infiltration via regulation of IQCB1 expression. <b>2021</b> , 95, 2053-2063	0
1021	Gene Expression Based Tumor Purity Estimation and Individual-Specific Survival Tool in Skin Cutaneous Melanoma. <b>2021</b> ,	
1020	Insights Gained from Single-Cell Analysis of Immune Cells in the Tumor Microenvironment. <b>2021</b> , 39, 583-609	17
1019	Pyroptosis-related gene signatures can robustly diagnose skin cutaneous melanoma and predict the prognosis.	
1018	Association of Immunophenotype With Pathologic Complete Response to Neoadjuvant Chemotherapy for Triple-Negative Breast Cancer: A Secondary Analysis of the BrightNess Phase 3 Randomized Clinical Trial. <b>2021</b> , 7, 603-608	19
1017	Current and Prospective Methods for Assessing Anti-Tumor Immunity in Colorectal Cancer. <b>2021</b> , 22,	2
1016	NEIL3 may act as a potential prognostic biomarker for lung adenocarcinoma. <b>2021</b> , 21, 228	5
1015	Pancancer Analysis of Neurovascular-Related NRP Family Genes as Potential Prognostic Biomarkers of Bladder Urothelial Carcinoma. <b>2021</b> , 2021, 5546612	6
1014	A novel gene signature for prognosis prediction and chemotherapy response in patients with pancreatic cancer. <b>2021</b> , 13, 12493-12513	1
1013	Integrated Analysis Reveals Prognostic Value and Immune Correlates of CD86 Expression in Lower Grade Glioma. <b>2021</b> , 11, 654350	6
1012	Overexpressed pseudogene MT1L associated with tumor immune infiltrates and indicates a worse prognosis in BLCA. <b>2021</b> , 19, 133	6
1011	Eleven immune-gene pairs signature associated with TP53 predicting the overall survival of gastric cancer: a retrospective analysis of large sample and multicenter from public database. <b>2021</b> , 19, 183	6
1010	New Insights into the Multifaceted Role of Myeloid-Derived Suppressor Cells (MDSCs) in High-Grade Gliomas: From Metabolic Reprogramming, Immunosuppression, and Therapeutic Resistance to Current Strategies for Targeting MDSCs. <b>2021</b> , 10,	5
1009	Prognostic value of ubiquitin E2 UBE2W and its correlation with tumor-infiltrating immune cells in breast cancer. <b>2021</b> , 21, 479	1

1008	E2F2 inhibition induces autophagy via the PI3K/Akt/mTOR pathway in gastric cancer. <b>2021</b> , 13, 13626-13643	3
1007	A combination of ssGSEA and mass cytometry identifies immune microenvironment in muscle-invasive bladder cancer. <b>2021</b> , 35, e23754	0
1006	PANX2 and brain lower grade glioma genesis: A bioinformatic analysis. <b>2021</b> , 104, 368504211011836	3
1005	Development of a prognostic index and screening of prognosis related genes based on an immunogenomic landscape analysis of bladder cancer. <b>2021</b> , 13, 12099-12112	9
1004	Systematic expression analysis of the CELSR family reveals the importance of CELSR3 in human lung adenocarcinoma. <b>2021</b> , 25, 4349-4362	2
1003	Integrative Transcriptomic, Proteomic and Functional Analysis Reveals ATP1B3 as a Diagnostic and Potential Therapeutic Target in Hepatocellular Carcinoma. <b>2021</b> , 12, 636614	2
1002	Study on the gene signature related to immune microenvironment on viral and nonviral infections of hepatocellular carcinoma. <b>2021</b> , 100, e25374	
1001	Predictive Value of Alterations for Immune Checkpoint Inhibitors Treatment Outcomes in Patients With Cancer. <b>2021</b> , 12, 664847	0
1000	A benchmark for RNA-seq deconvolution analysis under dynamic testing environments. <i>Genome Biology</i> , <b>2021</b> , 22, 102	18.3 8
999	Systems pharmacology: a combination strategy for improving efficacy of PD-1/PD-L1 blockade. <b>2021</b> , 22,	3
998	Prion protein is associated with a worse prognosis of head and neck squamous cell carcinoma. <b>2021</b> , 50, 985-994	0
997	Molecular mechanisms, immune cell infiltration, and potential drugs for prostate cancer. <b>2021</b> , 31, 87-96	4
996	YTHDF1 Is a Potential Pan-Cancer Biomarker for Prognosis and Immunotherapy. <b>2021</b> , 11, 607224	15
995	Prognostic and immunological roles of Fc fragment of IgG binding protein in colorectal cancer. <b>2021</b> , 22, 526	3
994	Identification of prognosis-related molecular subgroups based on DNA methylation in pancreatic cancer. <b>2021</b> , 13, 109	1
993	Identification of biomarkers complementary to homologous recombination deficiency for improving the clinical outcome of ovarian serous cystadenocarcinoma. <b>2021</b> , 11, e399	3
992	Overexpression of PLXDC2 in Stromal Cell-Associated M2 Macrophages Is Related to EMT and the Progression of Gastric Cancer. <b>2021</b> , 9, 673295	7
991	SNRPC promotes hepatocellular carcinoma cell motility by inducing epithelial-mesenchymal transition. <b>2021</b> , 11, 1757-1770	2

990	Development and Validation of a CD8+ T Cell Infiltration-Related Signature for Melanoma Patients. <b>2021</b> , 12, 659444	5
989	PUM1 is upregulated by DNA methylation to suppress antitumor immunity and results in poor prognosis in pancreatic cancer. <b>2021</b> , 10, 2153-2168	0
988	Chaperonin-Containing TCP1 Subunit 6A Is a Prognostic Potential Biomarker That Correlates With the Presence of Immune Infiltrates in Colorectal Cancer. <b>2021</b> , 12, 629856	2
987	SpatialDWLS: accurate deconvolution of spatial transcriptomic data. <i>Genome Biology</i> , <b>2021</b> , 22, 145	18.3 22
986	Genome wide DNA methylation landscape reveals glioblastoma's influence on epigenetic changes in tumor infiltrating CD4+ T cells. <b>2021</b> , 12, 967-981	8
985	VWCE as a potential biomarker associated with immune infiltrates in breast cancer. <b>2021</b> , 21, 272	0
984	Exploiting Radiation Therapy to Restore Immune Reactivity of Glioblastoma. <b>2021</b> , 11, 671044	2
983	Intratumoural heterogeneity and immune modulation in lung adenocarcinoma of female smokers and never smokers.	
982	Methylation Regulation of on Immune Parameters in Lung Adenocarcinoma. <b>2021</b> , 11, 620200	2
981	Radiomic biomarkers of tumor immune biology and immunotherapy response. <b>2021</b> , 28, 97-115	6
980	Comprehensive Analysis of GLUT1 Immune Infiltrates and ceRNA Network in Human Esophageal Carcinoma. <b>2021</b> , 11, 665388	4
979	Construction of a Promising Tumor-Infiltrating CD8+ T Cells Gene Signature to Improve Prediction of the Prognosis and Immune Response of Uveal Melanoma. <b>2021</b> , 9, 673838	1
978	G3BP1 may serve as a potential biomarker of proliferation, apoptosis, and prognosis in oral squamous cell carcinoma. <b>2021</b> , 50, 995-1004	4
977	Correlation Between Prognostic Biomarker and Immune Infiltrates in Various Types of Cancers Including Hepatocellular Carcinoma. <b>2021</b> , 11, 608641	6
976	Knockout of immunotherapy prognostic marker genes eliminates the effect of the anti-PD-1 treatment. <b>2021</b> , 5, 37	2
975	Sema4D correlates with tumour immune infiltration and is a prognostic biomarker in bladder cancer, renal clear cell carcinoma, melanoma and thymoma. <b>2021</b> , 54, 294-302	2
974	AutoEncoder-Based Computational Framework for Tumor Microenvironment Decomposition and Biomarker Identification in Metastatic Melanoma. <b>2021</b> , 12, 665065	
973	Immune evolution from preneoplasia to invasive lung adenocarcinomas and underlying molecular features. <b>2021</b> , 12, 2722	16

972	Suppression of DLBCL Progression by the E3 Ligase Trim35 Is Mediated by CLOCK Degradation and NK Cell Infiltration. <b>2021</b> , 2021, 9995869	1
971	A Cancer-Specific Qualitative Method for Estimating the Proportion of Tumor-Infiltrating Immune Cells. <b>2021</b> , 12, 672031	
970	Multi-Omics Integrative Analysis Uncovers Molecular Subtypes and mRNAs as Therapeutic Targets for Liver Cancer. <b>2021</b> , 8, 654635	2
969	Identification of Prognostic Biomarkers and Correlation With Immune Infiltrates in Hepatocellular Carcinoma Based on a Competing Endogenous RNA Network. <b>2021</b> , 12, 591623	2
968	GNG5 is a novel oncogene associated with cell migration, proliferation, and poor prognosis in glioma. <b>2021</b> , 21, 297	2
967	Tumor-derived lactate inhibit the efficacy of lenvatinib through regulating PD-L1 expression on neutrophil in hepatocellular carcinoma. <b>2021</b> , 9,	6
966	CBX4 Provides an Alternate Mode of Colon Cancer Development Potential Influences on Circadian Rhythm and Immune Infiltration. <b>2021</b> , 9, 669254	1
965	Identification of G-protein signaling modulator 2 as a diagnostic and prognostic biomarker of pancreatic adenocarcinoma: an exploration of its regulatory mechanisms. <b>2021</b> , 12, 1164-1179	0
964	ANALYSIS OF CANCER-TESTIS ANTIGENS AS POTENTIAL MARKERS FOR DISSEMINATION OF PRIMARY HUMAN SKIN MELANOMA. <b>2021</b> , 20, 98-106	
963	Construction of a Myc-associated ceRNA network reveals a prognostic signature in hepatocellular carcinoma. <b>2021</b> , 24, 1033-1050	2
962	MAPK-RAP1A Signaling Enriched in Hepatocellular Carcinoma Is Associated With Favorable Tumor-Infiltrating Immune Cells and Clinical Prognosis. <b>2021</b> , 11, 649980	1
961	Pan-cancer analysis of the prognostic value of C12orf75 based on data mining. <b>2021</b> , 13, 15214-15239	1
960	M6A "Writer" Gene : A Favorable Prognostic Biomarker and Correlated With Immune Infiltrates in Rectal Cancer. <b>2021</b> , 11, 615296	4
959	Construction and Validation of a Universal Applicable Prognostic Signature for Gastric Cancer Based on Seven Immune-Related Gene Correlated With Tumor Associated Macrophages. <b>2021</b> , 11, 635324	5
958	A Novel Immune-Related Prognostic Signature in Head and Neck Squamous Cell Carcinoma. <b>2021</b> , 12, 570336	5
957	A Pan-cancer Analysis Reveals the Abnormal Expression and Drug Sensitivity of CSF1. <b>2021</b> ,	
956	Association of CLDN6 and CLDN10 With Immune Microenvironment in Ovarian Cancer: A Study of the Claudin Family. <b>2021</b> , 12, 595436	1
955	Identification of Radiotherapy-Associated Genes in Lung Adenocarcinoma by an Integrated Bioinformatics Analysis Approach. <b>2021</b> , 8, 624575	1

954	Investigation of Genetic Determinants of Glioma Immune Phenotype by Integrative Immunogenomic Scale Analysis. <b>2021</b> , 12, 557994	2
953	The negative relationship between patients with NSCLC harbored STK11/KEAP1 copy number variation and immune microenvironment infiltration. <b>2021</b> , 19, 259	
952	Immune infiltration and a ferroptosis-associated gene signature for predicting the prognosis of patients with endometrial cancer. <b>2021</b> , 13, 16713-16732	5
951	Characterization of a Tumor-Microenvironment-Relevant Gene Set Based on Tumor Severity in Colon Cancer and Evaluation of Its Potential for Dihydroartemisinin Targeting. <b>2021</b> , 2021, 4812068	1
950	The landscape and biological relevance of aberrant alternative splicing events in esophageal squamous cell carcinoma. <b>2021</b> , 40, 4184-4197	1
949	N6-Methyladenosine-Related lncRNAs in Tumor Microenvironment Are Potential Prognostic Biomarkers in Colon Cancer. <b>2021</b> , 11, 697949	3
948	Multimomics analysis reveals CT83 is the most specific gene for triple negative breast cancer and its hypomethylation is oncogenic in breast cancer. <b>2021</b> , 11, 12172	2
947	A Prognosis Marker SLC2A3 Correlates With EMT and Immune Signature in Colorectal Cancer. <b>2021</b> , 11, 638099	4
946	Adrenocortical Carcinoma Steroid Profiles: Pan-Cancer Analysis of TCGA Data Uncovers Immunotherapy Targets for Potential Improved Outcomes. <b>2021</b> , 12, 672319	2
945	A risk model developed based on tumor microenvironment predicts overall survival and associates with tumor immunity of patients with lung adenocarcinoma. <b>2021</b> , 40, 4413-4424	25
944	Targeting BRF2 in Cancer Using Repurposed Drugs. <b>2021</b> , 13,	1
943	Could Function as a Prognostic Marker and Correlate with Immune Infiltration in Head and Neck Squamous Cell Carcinoma. <b>2021</b> , 2021, 8874578	1
942	NPM1 Is a Prognostic Biomarker Involved in Immune Infiltration of Lung Adenocarcinoma and Associated With m6A Modification and Glycolysis. <b>2021</b> , 12, 724741	7
941	Identification of Potential Prognostic Biomarkers Associated With Cancerometastasis in Skin Cutaneous Melanoma. <b>2021</b> , 12, 687979	0
940	TGF- $\beta$ Alters the Proportion of Infiltrating Immune Cells in a Pancreatic Ductal Adenocarcinoma. <b>2021</b> , 1	3
939	Identification of a Novel Tumor Microenvironment Prognostic Signature for Advanced-Stage Serous Ovarian Cancer. <b>2021</b> , 13,	3
938	Explainable Artificial Intelligence Reveals Novel Insight into Tumor Microenvironment Conditions Linked with Better Prognosis in Patients with Breast Cancer. <b>2021</b> , 13,	2
937	Identification of survival-related genes and a novel gene-based prognostic signature involving the tumor microenvironment of uveal melanoma. <b>2021</b> , 96, 107816	3

936	Lung adenocarcinoma patients with KEAP1 mutation harboring low immune cell infiltration and low activity of immune environment. <b>2021</b> , 12, 2458-2467	2
935	Multomics Profiling and Clustering of Low-Grade Gliomas Based on the Integrated Stress Status. <b>2021</b> , 2021, 5554436	0
934	Overexpression of BCCIP predicts an unfavorable prognosis and promotes the proliferation and migration of lung adenocarcinoma. <b>2021</b> , 12, 2324-2338	1
933	The role of YTH domain containing 2 in epigenetic modification and immune infiltration of pan-cancer. <b>2021</b> , 25, 8615-8627	3
932	Comprehensive Analysis of the Expression and Prognosis Value of Chromobox Family Members in Clear Cell Renal Cell Carcinoma. <b>2021</b> , 11, 700528	3
931	Comprehensive analysis of the prognosis and immune infiltration for CXC chemokines in colorectal cancer. <b>2021</b> , 13, 17548-17567	2
930	Pyroptosis-Related Gene Signatures Can Robustly Diagnose Skin Cutaneous Melanoma and Predict the Prognosis. <b>2021</b> , 11, 709077	23
929	Clinical and Molecular Correlates of NLRC5 Expression in Patients With Melanoma. <b>2021</b> , 9, 690186	
928	Aberrant expression of WDR4 affects the clinical significance of cancer immunity in pan-cancer. <b>2021</b> , 13, 18360-18375	1
927	Bioinformatics analysis of the role of CXC ligands in the microenvironment of head and neck tumor. <b>2021</b> , 13, 17789-17817	2
926	Immune Microenvironment Signatures as Biomarkers to Predict Early Recurrence of Stage Ia-b Lung Cancer. <b>2021</b> , 11, 680287	2
925	Systematic Analysis of the Oncogenic Role of WDR62 in Human Tumors. <b>2021</b> , 2021, 9940274	1
924	A Deep Learning Framework for Prediction of Clinical Drug Response of Cancer Patients and Identification of Drug Sensitivity Biomarkers using Preclinical Samples.	0
923	JAML promotes CD8 and $\Gamma$ cell antitumor immunity and is a novel target for cancer immunotherapy. <b>2021</b> , 218,	2
922	Increased infiltration of CD8 T cells in recurrent glioblastoma patients is a useful biomarker for assessing the response to combined bevacizumab and lomustine therapy. <b>2021</b> , 97, 107826	1
921	Pan-Cancer Analysis of PARP1 Alterations as Biomarkers in the Prediction of Immunotherapeutic Effects and the Association of Its Expression Levels and Immunotherapy Signatures. <b>2021</b> , 12, 721030	2
920	Identification of Notch signaling pathway gene mutations as a prognostic biomarker for bladder cancer. <b>2021</b> , 17, 4307-4320	0
919	Analysis of Bulk RNA Sequencing Data Reveals Novel Transcription Factors Associated With Immune Infiltration Among Multiple Cancers. <b>2021</b> , 12, 644350	1

918	DUSP12 regulates the tumorigenesis and prognosis of hepatocellular carcinoma. <b>2021</b> , 9, e11929	2
917	Basic Pan-Cancer Analysis of the Carcinogenic Effects of Cyclin-Dependent Kinase 4 (CDK4) in Human Surface Tumors. <b>2021</b> , 2021, 8493572	
916	Systematic evaluation of transcriptomics-based deconvolution methods and references using thousands of clinical samples. <b>2021</b> , 22,	1
915	Immune-Omics Networks of , , and in Non-Small Cell Lung Cancer. <b>2021</b> , 13,	2
914	A novel method for predicting cell abundance based on single-cell RNA-seq data. <b>2021</b> , 22, 281	3
913	Clinical Implications of Inter- and Intra-Tumor Heterogeneity of Immune Cell Markers in Lung Cancer. <b>2021</b> ,	1
912	Predictive Value of the // Mutation Classifier for Patients With Bladder Cancer Responding to Immune Checkpoint Inhibitor Therapy. <b>2021</b> , 12, 643282	4
911	Comprehensive Analysis of RUNX and TGF- $\beta$ Mediated Regulation of Immune Cell Infiltration in Breast Cancer. <b>2021</b> , 9, 730380	1
910	Increased expression of Cyclin F in liver cancer predicts poor prognosis: A study based on TCGA database. <b>2021</b> , 100, e26623	0
909	Identification of prognostic immune-related gene signature associated with tumor microenvironment of colorectal cancer. <b>2021</b> , 21, 905	1
908	High Matrix Metalloproteinase 28 Expression is Associated with Poor Prognosis in Pancreatic Adenocarcinoma. <b>2021</b> , 14, 4391-4406	2
907	Expression Status and Prognostic Significance of Gamma-Glutamyl Transpeptidase Family Genes in Hepatocellular Carcinoma. <b>2021</b> , 11, 731144	1
906	GATA3 as a regulator for naughty cancer-associated fibroblasts in the microenvironment of high-grade serous ovarian cancer. <b>2021</b> , 34, 1934-1936	3
905	A potent and selective PARP14 inhibitor decreases protumor macrophage gene expression and elicits inflammatory responses in tumor explants. <b>2021</b> , 28, 1158-1168.e13	11
904	Landscape of toll-like receptors expression in tumor microenvironment of triple negative breast cancer (TNBC): Distinct roles of TLR4 and TLR8. <b>2021</b> , 792, 145728	4
903	Pseudogene HSPA7 is a poor prognostic biomarker in Kidney Renal Clear Cell Carcinoma (KIRC) and correlated with immune infiltrates. <b>2021</b> , 21, 435	2
902	Is a New Prognostic Biomarker in Metastatic Melanoma with IFN $\gamma$ Associated Immune Infiltration. <b>2021</b> , 13,	2
901	Elevated mRNA Level of Y-Box Binding Protein 1 Indicates Unfavorable Prognosis Correlated with Macrophage Infiltration and T Cell Exhaustion in Luminal Breast Cancer. <b>2021</b> , 13, 6411-6428	1



900	Impact of Smoking History on Response to Immunotherapy in Non-Small-Cell Lung Cancer: A Systematic Review and Meta-Analysis. <b>2021</b> , 11, 703143	2
899	The expression and prognostic value of REXO4 in hepatocellular carcinoma. <b>2021</b> , 12, 1704-1717	1
898	Technological advances in cancer immunity: from immunogenomics to single-cell analysis and artificial intelligence. <b>2021</b> , 6, 312	8
897	ADAM15 correlates with prognosis, immune infiltration and apoptosis in hepatocellular carcinoma. <b>2021</b> , 13, 20395-20417	3
896	Dextran sulfate inhibits cell proliferation and induces apoptosis by regulating EZH2 in gastric carcinoma. <b>2021</b> ,	1
895	Upregulation of ADAM12 Is Associated With a Poor Survival and Immune Cell Infiltration in Colon Adenocarcinoma. <b>2021</b> , 11, 729230	2
894	MMP1 and MMP9 are potential prognostic biomarkers and targets for uveal melanoma. <b>2021</b> , 21, 1068	3
893	Integrated Analysis of the Expression Characteristics, Prognostic Value, and Immune Characteristics of PPAR $\gamma$ in Breast Cancer. <b>2021</b> , 12, 737656	0
892	Prognostic value and immune infiltration of a novel stromal/immune score-related P2RY12 in lung adenocarcinoma microenvironment. <b>2021</b> , 98, 107734	3
891	Prognostic and tumor-immune infiltration cell signatures in tamoxifen-resistant breast cancers. <b>2021</b> , 10, 2766-2779	0
890	SLC2A5 Correlated with Immune Infiltration: A Candidate Diagnostic and Prognostic Biomarker for Lung Adenocarcinoma. <b>2021</b> , 2021, 9938397	
889	Immune Infiltration of MMP14 in Pan Cancer and Its Prognostic Effect on Tumors. <b>2021</b> , 11, 717606	4
888	Transcriptional expression of ZICs as an independent indicator of survival in gliomas. <b>2021</b> , 11, 17532	1
887	DPYSL2 as potential diagnostic and prognostic biomarker linked to immune infiltration in lung adenocarcinoma. <b>2021</b> , 19, 274	3
886	Xanthine dehydrogenase as a prognostic biomarker related to tumor immunology in hepatocellular carcinoma. <b>2021</b> , 21, 475	1
885	In vivo CRISPR screens identify the E3 ligase Cop1 as a modulator of macrophage infiltration and cancer immunotherapy target. <b>2021</b> , 184, 5357-5374.e22	15
884	Atlas of clinically distinct cell states and ecosystems across human solid tumors. <b>2021</b> , 184, 5482-5496.e28	21
883	Identification of a novel six-gene signature with potential prognostic and therapeutic value in cervical cancer. <b>2021</b> , 10, 6881-6896	4

882	The upregulated expression of RFC4 and GMPS mediated by DNA copy number alteration is associated with the early diagnosis and immune escape of ESCC based on a bioinformatic analysis. <b>2021</b> , 13, 21758-21777		
881	A gene expression-based immune content predictor for survival and postoperative radiotherapy response in head and neck cancer. <b>2021</b> , 22, 380-387		
880	Turning up the heat on non-immunoreactive tumors: pyroptosis influences the tumor immune microenvironment in bladder cancer. <b>2021</b> , 40, 6381-6393		14
879	Evolution of the Tumor Microenvironment toward Immune-Suppressive Seclusion during Brain Metastasis of Breast Cancer: Implications for Targeted Therapy. <b>2021</b> , 13,		1
878	PTP4A3 Is a Prognostic Biomarker Correlated With Immune Infiltrates in Papillary Renal Cell Carcinoma. <b>2021</b> , 12, 717688		1
877	Viral Status and Efficacy of Immunotherapy in Hepatocellular Carcinoma: A Systematic Review With Meta-Analysis. <b>2021</b> , 12, 733530		5
876	A Novel Immunomodulatory 27-Gene Signature to Predict Response to Neoadjuvant Immunochemotherapy for Primary Triple-Negative Breast Cancer. <b>2021</b> , 13,		2
875	Chromobox Homolog 8 (CBX8) in Human Tumor Carcinogenesis and Prognosis: A Pancancer Analysis Using Multiple Databases. <b>2021</b> , 12, 745277		1
874	Evaluation of some aspects in supervised cell type identification for single-cell RNA-seq: classifier, feature selection, and reference construction. <i>Genome Biology</i> , <b>2021</b> , 22, 264	18.3	5
873	Comprehensive analysis of LASS6 expression and prognostic value in ovarian cancer. <b>2021</b> , 14, 117		1
872	CALR-TLR4 Complex Inhibits Non-Small Cell Lung Cancer Progression by Regulating the Migration and Maturation of Dendritic Cells. <b>2021</b> , 11, 743050		1
871	Comprehensive analysis of prognostic immune-related genes in the tumor microenvironment of hepatocellular carcinoma (HCC). <b>2021</b> , 100, e27332		
870	Expression, methylation and prognostic feature of EMILIN2 in Low-Grade-Glioma. <b>2021</b> , 175, 26-36		0
869	Decreased expression of HADH is related to poor prognosis and immune infiltration in kidney renal clear cell carcinoma. <b>2021</b> , 113, 3556-3564		4
868	Combinatorial therapy in tumor microenvironment: Where do we stand?. <b>2021</b> , 1876, 188585		19
867	Polystyrene nanoplastics exacerbated the ecotoxicological and potential carcinogenic effects of tetracycline in juvenile grass carp ( <i>Ctenopharyngodon idella</i> ). <b>2022</b> , 803, 150027		3
866	Development and validation of prognostic markers in sarcomas base on a multi-omics analysis. <b>2021</b> , 14, 31		1
865	Identification of prognostic markers by weighted gene co-expression network analysis in non-small cell lung cancer. <b>2021</b> , 12, 4924-4935		2

864	Immune landscape and prognostic immune-related genes in KRAS-mutant colorectal cancer patients. <b>2021</b> , 19, 27	8
863	Upregulation of ATP Binding Cassette Subfamily C Member 5 facilitates Prostate Cancer progression and Enzalutamide resistance via the CDK1-mediated AR Ser81 Phosphorylation Pathway. <b>2021</b> , 17, 1613-1628	3
862	Association of TRF2 expression and myeloid-derived suppressor cells infiltration with clinical outcome of patients with cutaneous melanoma. <b>2021</b> , 10, 1901446	1
861	Construction of a risk map to understand the vulnerability of various types of cancer patients to COVID-19 infection. <b>2021</b> , 2, 69-81	2
860	A Comprehensive Prognostic and Immune Analysis of SLC41A3 in Pan-Cancer. <b>2020</b> , 10, 586414	7
859	Chromatin Accessibility Regulates Gene Expression and Correlates With Tumor-Infiltrating Immune Cells in Gastric Adenocarcinoma. <b>2020</b> , 10, 609940	5
858	LncRNA XIST acts as a MicroRNA-520 sponge to regulate the Cisplatin resistance in NSCLC cells by mediating BAX through CeRNA network. <b>2021</b> , 18, 419-431	7
857	Progress and challenge for computational quantification of tissue immune cells. <b>2021</b> , 22,	2
856	Prognostic marker identification based on weighted gene co-expression network analysis and associated confirmation in gastric cancer. <b>2021</b> , 12, 4666-4680	2
855	Tumor immunological phenotype signature-based high-throughput screening for the discovery of combination immunotherapy compounds. <b>2021</b> , 7,	9
854	Profiling Cell Type Abundance and Expression in Bulk Tissues with CIBERSORTx. <b>2020</b> , 2117, 135-157	54
853	Bioinformatics for Cancer Immunotherapy. <b>2020</b> , 2120, 1-9	6
852	ImmuneDeconv: An R Package for Unified Access to Computational Methods for Estimating Immune Cell Fractions from Bulk RNA-Sequencing Data. <b>2020</b> , 2120, 223-232	29
851	EPIC: A Tool to Estimate the Proportions of Different Cell Types from Bulk Gene Expression Data. <b>2020</b> , 2120, 233-248	49
850	Computational Deconvolution of Tumor-Infiltrating Immune Components with Bulk Tumor Gene Expression Data. <b>2020</b> , 2120, 249-262	6
849	Using RNA Sequencing to Characterize the Tumor Microenvironment. <b>2020</b> , 2055, 245-272	2
848	Multiplatform Integrative Analysis of Immunogenomic Data for Biomarker Discovery. <b>2020</b> , 2055, 679-698	1
847	Prognostic and predictive values of CXCL10 in colorectal cancer. <b>2020</b> , 22, 1548-1564	4

846	The prognostic landscape of adaptive immune resistance signatures and infiltrating immune cells in the tumor microenvironment of uveal melanoma. <b>2020</b> , 196, 108069	12
845	Development and validation of a prognostic immune-associated gene signature in clear cell renal cell carcinoma. <b>2020</b> , 81, 106274	32
844	Recent advances and challenges of immune checkpoint inhibitors in immunotherapy of non-small cell lung cancer. <b>2020</b> , 85, 106613	15
843	The molecular landscape of Asian breast cancers reveals clinically relevant population-specific differences. <b>2020</b> , 11, 6433	9
842	Identification of metastasis and prognosis-associated genes for serous ovarian cancer. <b>2020</b> , 40,	5
841	Construction of a novel prognostic-predicting model correlated to ovarian cancer. <b>2020</b> , 40,	3
840	Prognostic and immune regulating roles of YIF1B in Pan-Cancer: a potential target for both survival and therapy response evaluation. <b>2020</b> , 40,	6
839	Mining novel cell glycolysis related gene markers that can predict the survival of colon adenocarcinoma patients. <b>2020</b> , 40,	7
838	Identification of prognostic biomarkers and correlations with immune infiltrates among cGAS-STING in hepatocellular carcinoma. <b>2020</b> , 40,	20
837	TIMER2.0 for analysis of tumor-infiltrating immune cells. <b>2020</b> , 48, W509-W514	808
836	Pan-cancer immunogenomic analyses reveal genotype-immunophenotype relationships and predictors of response to checkpoint blockade.	30
835	Simultaneous enumeration of cancer and immune cell types from bulk tumor gene expression data.	3
834	Bayesian cell-type deconvolution and gene expression inference reveals tumor-microenvironment interactions.	4
833	Comprehensive benchmarking of computational deconvolution of transcriptomics data.	1
832	A computational network approach to identify predictive biomarkers and therapeutic combinations for anti-PD-1 immunotherapy in cancer.	1
831	Molecular and clinicopathological characterization of a prognostic immune gene signature associated with MGMT methylation in glioblastoma.	1
830	Advances in mixed cell deconvolution enable quantification of cell types in spatially-resolved gene expression data.	12
829	Infino: a Bayesian hierarchical model improves estimates of immune infiltration into tumor microenvironment.	1

828	Multi-omic tumor data reveal diversity of molecular mechanisms that correlate with survival.	1
827	dtangle: accurate and fast cell-type deconvolution.	5
826	Bulk Tissue Cell Type Deconvolution with Multi-Subject Single-Cell Expression Reference.	1
825	Fast and Robust Deconvolution of Tumor Infiltrating Lymphocyte from Expression Profiles using Least Trimmed Squares.	2
824	ICTD: A semi-supervised cell type identification and deconvolution method for multi-omics data.	1
823	Unraveling Tumor-Immune Heterogeneity in Advanced Ovarian Cancer Uncovers Immunogenic Effect of Chemotherapy.	2
822	The landscape of antigen-specific T cells in human cancers.	2
821	Comprehensive evaluation of computational cell-type quantification methods for immuno-oncology.	3
820	A novel computational complete deconvolution method using RNA-seq data.	4
819	Metastatic breast cancers have reduced immune cell recruitment but harbor increased macrophages relative to their matched primary tumors.	3
818	DNA methylation-based immune cell deconvolution in solid tumors.	1
817	Knowledge-guided analysis of omics data using the KnowEnG cloud platform.	2
816	Defining the microenvironment landscape of bladder cancer using highly multiplexed spatial genomic and proteomic analysis.	1
815	HspA1BIs a Prognostic Biomarker and Correlated With Immune Infiltrates in different subtypes of Breast Cancers.	2
814	MIXTURE: an improved algorithm for immune tumor microenvironment estimation based on gene expression data.	5
813	An endogenous glucocorticoid-cytokine signaling circuit promotes CD8+ T cell dysfunction in the tumor microenvironment.	2
812	Genomic Alterations during the to Invasive Ductal Breast Carcinoma Transition Shaped by the Immune System. <b>2021</b> , 19, 623-635	4
811	CTLA4 methylation predicts response to anti-PD-1 and anti-CTLA-4 immunotherapy in melanoma patients. <b>2018</b> , 3,	39

810	Failed immune responses across multiple pathologies share pan-tumor and circulating lymphocytic targets. <b>2019</b> , 129, 2463-2479	3
809	Immune overdrive signature in colorectal tumor subset predicts poor clinical outcome. <b>2019</b> , 129, 4464-4476	35
808	Sperm-Associated Antigen 5 Expression Is Increased in Hepatocellular Carcinoma and Indicates Poor Prognosis. <b>2018</b> , 24, 6021-6028	7
807	Anticancer Effect of Radix Astragali on Cholangiocarcinoma In Vitro and Its Mechanism via Network Pharmacology. <b>2020</b> , 26, e921162	3
806	The Prognostic Role of Glutathione Peroxidase 1 and Immune Infiltrates in Glioma Investigated Using Public Datasets. <b>2020</b> , 26, e926440	1
805	Expression and Prognostic Analyses of ITGA3, ITGA5, and ITGA6 in Head and Neck Squamous Cell Carcinoma. <b>2020</b> , 26, e926800	5
804	Deconvolution of heterogeneous tumor samples using partial reference signals. <b>2020</b> , 16, e1008452	2
803	Identification of prognostic genes in uveal melanoma microenvironment. <b>2020</b> , 15, e0242263	15
802	Deep learning of the role of interleukin IL-17 and its action in promoting cancer. <b>2020</b> , 16,	1
801	Papillary thyroid carcinoma behavior: clues in the tumor microenvironment. <b>2019</b> , 26, 601-614	24
800	GCN-5/PGC-1 $\beta$ signaling is activated and associated with metabolism in cyclin E1-driven ovarian cancer. <b>2019</b> , 11, 4890-4899	4
799	Identification of hub genes in prostate cancer using robust rank aggregation and weighted gene co-expression network analysis. <b>2019</b> , 11, 4736-4756	48
798	Overexpression of steroid sulfotransferase genes is associated with worsened prognosis and with immune exclusion in clear cell-renal cell carcinoma. <b>2019</b> , 11, 9209-9219	1
797	Circadian clock associates with tumor microenvironment in thoracic cancers. <b>2019</b> , 11, 11814-11828	16
796	Identification of differentially expressed genes in non-small cell lung cancer. <b>2019</b> , 11, 11170-11185	18
795	CCL14 is a prognostic biomarker and correlates with immune infiltrates in hepatocellular carcinoma. <b>2020</b> , 12, 784-807	48
794	Prognostic potential of PRPF3 in hepatocellular carcinoma. <b>2020</b> , 12, 912-930	19
793	Risk score based on expression of five novel genes predicts survival in soft tissue sarcoma. <b>2020</b> , 12, 3807-3827	17

792	A nine-gene signature related to tumor microenvironment predicts overall survival with ovarian cancer. <b>2020</b> , 12, 4879-4895	20
791	Immune gene signature delineates a subclass of thyroid cancer with unfavorable clinical outcomes. <b>2020</b> , 12, 5733-5750	2
790	Identification of hub genes in hepatocellular carcinoma using integrated bioinformatic analysis. <b>2020</b> , 12, 5439-5468	18
789	Prognostic values of immune scores and immune microenvironment-related genes for hepatocellular carcinoma. <b>2020</b> , 12, 5479-5499	15
788	Development of a prognostic index and screening of potential biomarkers based on immunogenomic landscape analysis of colorectal cancer. <b>2020</b> , 12, 5832-5857	21
787	High miR-31-5p expression promotes colon adenocarcinoma progression by targeting TNS1. <b>2020</b> , 12, 7480-7490	10
786	Epigenomic and genomic analysis of transcriptome modulation in skin cutaneous melanoma. <b>2020</b> , 12, 12703-12725	7
785	Identification of transforming growth factor beta induced (TGFB1) as an immune-related prognostic factor in clear cell renal cell carcinoma (ccRCC). <b>2020</b> , 12, 8484-8505	9
784	Prognostic value of prostaglandin I2 synthase and its correlation with tumor-infiltrating immune cells in lung cancer, ovarian cancer, and gastric cancer. <b>2020</b> , 12, 9658-9685	12
783	TILRR (FREM1 isoform 2) is a prognostic biomarker correlated with immune infiltration in breast cancer. <b>2020</b> , 12, 19335-19351	3
782	Tumor-associated macrophage polarization promotes the progression of esophageal carcinoma. <b>2020</b> , 13, 2049-2072	9
781	PDCD1 (PD-1) promoter methylation predicts outcome in head and neck squamous cell carcinoma patients. <b>2017</b> , 8, 41011-41020	27
780	Differential prognostic impact of interleukin-34 mRNA expression and infiltrating immune cell composition in intrinsic breast cancer subtypes. <b>2018</b> , 9, 23126-23148	28
779	and Regulatory Network Analysis in Colorectal Cancer (CRC) Reveals That Influences CRC Cell Biological Functions and Interacts with miR-6828-5p. <b>2020</b> , 12, 13051-13069	8
778	Integrating Bioinformatics Strategies in Cancer Immunotherapy: Current and Future Perspectives. <b>2020</b> , 23, 687-698	3
777	STAT6 correlates with response to immune checkpoint blockade therapy and predicts worse survival in thyroid cancer. <b>2020</b> , 14, 955-967	3
776	Multi-omics analysis based on integrated genomics, epigenomics and transcriptomics in pancreatic cancer. <b>2020</b> , 12, 507-524	11
775	MAPK pathway mutations in head and neck cancer affect immune microenvironments and ErbB3 signaling. <b>2020</b> , 3,	9

774	The Association between Immune Infiltration and Clinical Phenotypes and Prognosis of Prostate Cancer. <b>2020</b> , 18, e2538	1
773	PCOLCE Is Potent Prognostic Biomarker and Associates With Immune Infiltration in Gastric Cancer. <b>2020</b> , 7, 544895	3
772	A Prognostic Prediction Model Developed Based on Four CpG Sites and Weighted Correlation Network Analysis Identified as a Novel Biomarker for Pancreatic Cancer. <b>2020</b> , 10, 1716	5
771	Promising key genes associated with tumor microenvironments and prognosis of hepatocellular carcinoma. <b>2020</b> , 26, 789-803	10
770	Immune system-associated genes increase malignant progression and can be used to predict clinical outcome in patients with hepatocellular carcinoma. <b>2020</b> , 56, 1199-1211	8
769	High expression level of peptidylprolyl isomerase A is correlated with poor prognosis of liver hepatocellular carcinoma. <b>2019</b> , 18, 4691-4702	2
768	Distinct expression and prognostic values of the replication protein A family in gastric cancer. <b>2020</b> , 19, 1831-1841	2
767	Fatty acid-binding protein 5 predicts poor prognosis in patients with uveal melanoma. <b>2020</b> , 19, 1771-1780	3
766	Leveraging methylation to identify the potential causal genes associated with survival in lung adenocarcinoma and lung squamous cell carcinoma. <b>2020</b> , 20, 193-200	2
765	Downregulation of ST3GAL5 is associated with muscle invasion, high grade and a poor prognosis in patients with bladder cancer. <b>2020</b> , 20, 828-840	6
764	Identification of an energy metabolism-related gene signature in ovarian cancer prognosis. <b>2020</b> , 43, 1755-1770	11
763	Antigen presentation and tumor immunogenicity in cancer immunotherapy response prediction. <b>2019</b> , 8,	91
762	Cancer systems immunology. <b>2020</b> , 9,	3
761	Increased expression of POLR3G predicts poor prognosis in transitional cell carcinoma. <b>2020</b> , 8, e10281	3
760	Loss of HOXB3 correlates with the development of hormone receptor negative breast cancer. <b>2020</b> , 8, e10421	2
759	Tumor immunity landscape in non-small cell lung cancer. <b>2018</b> , 6, e4546	7
758	Bioinformatics profiling identifies seven immune-related risk signatures for hepatocellular carcinoma. <b>2020</b> , 8, e8301	5
757	A multiomics comparison between endometrial cancer and serous ovarian cancer. <b>2020</b> , 8, e8347	3



756	Autophagy-related genes prognosis signature as potential predictive markers for immunotherapy in hepatocellular carcinoma. <b>2020</b> , 8, e8383	17
755	Mining of prognosis-related genes in cervical squamous cell carcinoma immune microenvironment. <b>2020</b> , 8, e9627	4
754	The nine ADAMs family members serve as potential biomarkers for immune infiltration in pancreatic adenocarcinoma. <b>2020</b> , 8, e9736	3
753	Multimomics analysis of tumor mutational burden across cancer types. <b>2021</b> , 19, 5637-5646	2
752	Integrated Analysis of Expression and Prognostic Values of Acyl-CoA Dehydrogenase short-chain in Colorectal Cancer. <b>2021</b> , 18, 3631-3643	0
751	Systematic Construction and Validation of a Prognostic Model for Hepatocellular Carcinoma Based on Immune-Related Genes. <b>2021</b> , 9, 700553	2
750	Prognostic and Immunological Role of Key Genes of Ferroptosis in Pan-Cancer. <b>2021</b> , 9, 748925	3
749	Pan-cancer analysis and experiments with cell lines reveal that the slightly elevated expression of DLGAP5 is involved in clear cell renal cell carcinoma progression. <b>2021</b> , 287, 120056	20
748	Lysophosphatidic Acid Receptor 6 (LPAR6) Is a Potential Biomarker Associated with Lung Adenocarcinoma. <b>2021</b> , 18,	0
747	Expression Profiles and Prognostic Value of FABPs in Colorectal Adenocarcinomas. <b>2021</b> , 9,	1
746	Analysis of Multiple Human Tumor Cases Reveals the Carcinogenic Effects of PKP3. <b>2021</b> , 2021, 9391104	0
745	H2AFZ Is a Prognostic Biomarker Correlated to TP53 Mutation and Immune Infiltration in Hepatocellular Carcinoma. <b>2021</b> , 11, 701736	1
744	Pan-cancer analysis combined with experiments predicts CTHRC1 as a therapeutic target for human cancers. <b>2021</b> , 21, 566	6
743	Mucin1 and Mucin16: Therapeutic Targets for Cancer Therapy. <b>2021</b> , 14,	3
742	Analysing a Novel RNA-Binding-Protein-Related Prognostic Signature Highly Expressed in Breast Cancer. <b>2021</b> , 2021, 9174055	0
741	Transcriptomic Correlates of Immunologic Activation in Head and Neck and Cervical Cancer. <b>2021</b> , 11, 714550	1
740	RAB11FIP1: An Indicator for Tumor Immune Microenvironment and Prognosis of Lung Adenocarcinoma from a Comprehensive Analysis of Bioinformatics. <b>2021</b> , 12, 757169	1
739	Identification of Candidate Biomarker ASXL2 and Its Predictive Value in Pancreatic Carcinoma. <b>2021</b> , 11, 736694	1

738	Copy number variation analysis of m A regulators identified METTL3 as a prognostic and immune-related biomarker in bladder cancer. <b>2021</b> , 10, 7804-7815	2
737	Identification of Immune-Cell-Related Prognostic Biomarkers of Esophageal Squamous Cell Carcinoma Based on Tumor Microenvironment. <b>2021</b> , 11, 771749	
736	Determinants of renal cell carcinoma invasion and metastatic competence. <b>2021</b> , 12, 5760	3
735	Comprehensive Analysis of Regulatory Factors and Immune-Associated Patterns to Decipher Common and Mutation-Type-Specific Critical Regulation in Breast Cancer. <b>2021</b> , 9, 750897	
734	A Novel Pyroptosis-Related lncRNAs Signature for Predicting the Prognosis of Kidney Renal Clear Cell Carcinoma and Its Associations with Immunity. <b>2021</b> , 2021, 9997185	6
733	Large tumor suppressor 2 is a prognostic biomarker and correlated with immune infiltrates in colorectal cancer. <b>2021</b> ,	
732	Comprehensive Analysis of Hexokinase 2 Immune Infiltrates and m6A Related Genes in Human Esophageal Carcinoma. <b>2021</b> , 9, 715883	1
731	Transcriptome Deconvolution of Heterogeneous Tumor Samples with Immune Infiltration.	2
730	Informatics for Cancer Immunotherapy.	1
729	Immuno-phenotypes of Pancreatic Ductal Adenocarcinoma: Metaanalysis of transcriptional subtypes.	2
728	Pan-cancer deconvolution of cellular composition identifies molecular correlates of antitumour immunity and checkpoint blockade response.	
727	Genomic characterization of six virus-associated cancers identifies changes in the tumor microenvironment and altered genetic programming.	
726	ICeD-T Provides Accurate Estimates of Immune Cell Abundance in Tumor Samples by Allowing for Aberrant Gene Expression Patterns.	0
725	Cancer stemness, intratumoral heterogeneity, and immune response across cancers.	
724	Migration rather than proliferation transcriptomic signatures are strongly associated with breast cancer patient survival.	
723	Can cancer GWAS variants modulate immune cells in the tumor microenvironment?.	1
722	Balancing sensitivity and specificity in distinguishing TCR groups by CDR sequence similarity.	
721	An R Implementation of Tumor-Stroma-Immune Transcriptome Deconvolution Pipeline using DeMixT.	

720	Immunogenomic landscape of hematological malignancies.	
719	An elastic-net logistic regression approach to generate classifiers and gene signatures for types of immune cells and T helper cell subsets.	
718	Yap suppresses T cell function and infiltration in the tumor microenvironment.	
717	BayICE: A hierarchical Bayesian deconvolution model with stochastic search variable selection.	
716	The Gene Expression Deconvolution Interactive Tool (GEDIT): Accurate Cell Type Quantification from Gene Expression Data.	0
715	Tissue-guided LASSO for prediction of clinical drug response using preclinical samples.	
714	Chemerin increases T-cell mediated cytotoxicity of human tumors via modulation of a novel CMKLR1/PTEN/PD-L1 axis.	
713	Molecular correlates and therapeutic targets in T cell-inflamed versus non-T cell-inflamed tumors across cancer types.	
712	The Molecular Landscape of Asian Breast Cancers Reveals Clinically Relevant Population-Specific Differences.	0
711	Integrative analysis of genomic and epigenetic regulation of endometrial cancer. <b>2020</b> , 12, 9260-9274	2
710	TMIGD1, a putative tumor suppressor, induces G2-M cell cycle checkpoint arrest in colon cancer cells.	
709	CTDPathSim: Cell line-tumor deconvoluted pathway-based similarity in the context of precision medicine in cancer *.	
708	Tertiary Lymphoid Structure and CD8 T Cell Exclusion in Minimally Invasive Adenocarcinoma.	1
707	Investigating the correlation between DNA methylation and immune-associated genes of lung adenocarcinoma based on a competing endogenous RNA network. <b>2020</b> , 22, 3173-3182	3
706	SSMD: A semi-supervised approach for a robust cell type identification and deconvolution of mouse transcriptomics data.	
705	Prognostic landscape of tumor-infiltrating immune cells and immune-related genes in the tumor microenvironment of gastric cancer. <b>2020</b> , 12, 17958-17975	5
704	Is a Prognostic Biomarker That Correlates With Cell Malignancy and the Tumor Microenvironment in Bladder Cancer. <b>2021</b> , 12, 705086	2
703	Potential Prognostic Biomarkers of NIMA (Never in Mitosis, Gene A)-Related Kinase (NEK) Family Members in Breast Cancer. <b>2021</b> , 11,	5

702	In Vivo CRISPR Screens Identify E3 Ligase Cop1 as a Modulator of Macrophage Infiltration and Cancer Immunotherapy Target.	
701	An integrated pan-cancer analysis of TFAP4 aberrations and the potential clinical implications for cancer immunity. <b>2021</b> , 25, 2082-2097	5
700	High ORAI3 expression correlates with good prognosis in human muscle-invasive bladder cancer. <b>2022</b> , 808, 145994	2
699	Prognostic and immunological value of LTB4R in pan-cancer. <b>2021</b> , 18, 9336-9356	
698	In vivo CRISPR Screens Identify E3 Ligase Cop1 as a Modulator of Macrophage Infiltration and Cancer Immunotherapy Target.	
697	In Silico Cell-Type Deconvolution Methods in Cancer Immunotherapy. <b>2020</b> , 2120, 213-222	
696	Identification of Immune-Desert Phenotypes in Head and Neck Squamous Cell Carcinoma With a Nine-Gene Signature Prediction Model Using Bioinformatics&nbsp;Methods.	
695	APOBEC3B expression and its prognostic potential in breast cancer. <b>2020</b> , 19, 3205-3214	3
694	Characterization of clinical significance of PD-1/PD-Ls expression and methylation in patients with low grade glioma.	
693	Comprehensive analysis of prognostic immune-related genes in the tumor microenvironment of lung adenocarcinoma.	
692	Integrated analysis of gene correlation reveals disordered relationship between metabolism and immunity in tumor microenvironment.	
691	RHBDF2 gene functions are correlated to facilitated renal clear cell carcinoma progression. <b>2021</b> , 21, 590	1
690	Integrated analysis of expression, prognostic value and immune infiltration of GSDMs in hepatocellular carcinoma. <b>2021</b> , 13, 24117-24135	4
689	Prognostic model of lung adenocarcinoma constructed by the CENPA complex genes is closely related to immune infiltration. <b>2021</b> , 228, 153680	0
688	System Analysis of ROS-Related Genes in the Prognosis, Immune Infiltration, and Drug Sensitivity in Hepatocellular Carcinoma. <b>2021</b> , 2021, 6485871	0
687	Pan-Cancer Analysis Reveals the Signature of TMC Family of Genes as a Promising Biomarker for Prognosis and Immunotherapeutic Response.. <b>2021</b> , 12, 715508	1
686	m5C RNA methyltransferase-related gene NSUN4 stimulates malignant progression of hepatocellular carcinoma and can be a prognostic marker. <b>2021</b> ,	0
685	HOXC6/8/10/13 predict poor prognosis and associate with immune infiltrations in glioblastoma. <b>2021</b> , 101, 108293	0

684	Cell type-specific weighting-factors for accurate virtual single-cell RNA-sequencing of diverse organs.	
683	CTDPathSim. <b>2020</b> ,	0
682	Downregulation of SETBP1 promoted non-small cell lung cancer progression by inducing cellular EMT and disordered immune status. <b>2020</b> , 12, 447-462	4
681	Oncogene enhances cellular invasion, migration and proliferation abilities via autophagy-related pathway resulting in poor prognosis in hepatocellular carcinoma. <b>2020</b> , 10, 4178-4197	0
680	Progress and assessment of lncRNA DGCR5 in malignant phenotype and immune infiltration of human cancers. <b>2021</b> , 11, 1-13	7
679	Comprehensive analysis of the prognostic value and immune function of the gene in gynecological cancers. <b>2021</b> , 13, 2041-2059	1
678	A novel recurrence associated immune gene signature and its clinical significance in liver cancer. <b>2021</b> , 13, 8766-8776	
677	CDT1 Is a Novel Prognostic and Predictive Biomarkers for Hepatocellular Carcinoma. <b>2021</b> , 11, 721644	2
676	CDT1 Is a Novel Prognostic and Predictive Biomarkers for Hepatocellular Carcinoma. <b>2021</b> , 11, 721644	3
675	MXD3 as an Immunological and Prognostic Factor From Pancancer Analysis. <b>2021</b> , 8, 702206	1
674	Brain Immunoinformatics: A Symmetrical Link between Informatics, Wet Lab and the Clinic. <b>2021</b> , 13, 2168	0
673	5mC regulator-mediated molecular subtypes depict the hallmarks of the tumor microenvironment and guide precision medicine in bladder cancer. <b>2021</b> , 19, 289	5
672	Potential Immune Biomarker Candidates and Immune Subtypes of Lung Adenocarcinoma for Developing mRNA Vaccines.. <b>2021</b> , 12, 755401	1
671	Phospholipid Phosphatase 4 as a Driver of Malignant Glioma and Pancreatic Adenocarcinoma.. <b>2021</b> , 11, 790676	0
670	Identification of novel hub genes associated with lymph node metastasis of head and neck squamous cell carcinoma by complete bioinformatics analysis.. <b>2021</b> , 9, 1678	0
669	Expression Is Associated With CD8+ T Cell Infiltration and Immune Response in Bladder Cancer. <b>2021</b> , 11, 754845	0
668	Expression and Functional Roles of Eukaryotic Initiation Factor 4A Family Proteins in Human Cancers. <b>2021</b> , 9, 711965	0
667	Predicting the prognosis of glioma by pyroptosis-related signature. <b>2021</b> ,	7

666	Pan-cancer analysis of N4-acetylcytidine adaptor THUMP1 as a predictor for prognosis and immunotherapy. <b>2021</b> , 41,	
665	A novel method to identify cell-type specific regulatory variants and their role in cancer risk.	0
664	Prognostic characterization of immune molecular subtypes in non-small cell lung cancer to immunotherapy. <b>2021</b> , 21, 389	0
663	Identification of a novel tumour microenvironment-based prognostic biomarker in skin cutaneous melanoma. <b>2021</b> , 25, 10990-11001	2
662	Identification of chloride intracellular channels as prognostic factors correlated with immune infiltration in hepatocellular carcinoma using bioinformatics analysis. <b>2021</b> , 100, e27739	3
661	Deep analysis of neuroblastoma core regulatory circuitries using online databases and integrated bioinformatics shows their pan-cancer roles as prognostic predictors.. <b>2021</b> , 12, 56	1
660	NDC1 is a Prognostic Biomarker and Associated with Immune Infiltrates in Colon Cancer. <b>2021</b> , 14, 8811-8817	1
659	Leptin Receptor Overlapping Transcript (LEPROT) Is Associated with the Tumor Microenvironment and a Prognostic Predictor in Pan-Cancer. <b>2021</b> , 12, 749435	1
658	Characterization of the GATA Transcription Factor Family and Exploration of Their Relevance to Immune Infiltration and Tumor Microenvironment in Pancreatic Cancer. <b>2021</b> , 14, 9083-9101	1
657	High Expression of C1ORF112 Predicts a Poor Outcome: A Potential Target for the Treatment of Low-Grade Gliomas. <b>2021</b> , 12, 710944	1
656	Prognostic Significance of CSF-1R Expression in Early Invasive Breast Cancer. <b>2021</b> , 13,	0
655	Identification of a Six-Gene Prognostic Signature Characterized by Tumor Microenvironment Immune Profiles in Clear Cell Renal Cell Carcinoma. <b>2021</b> , 12, 722421	0
654	LRMP Associates With Immune Infiltrates and Acts as a Prognostic Biomarker in Lung Adenocarcinoma.. <b>2021</b> , 8, 711928	
653	Identification of Differentially Expressed Genes Reveals BGN Predicting Overall Survival and Tumor Immune Infiltration of Gastric Cancer. <b>2021</b> , 2021, 5494840	3
652	Comprehensive Analysis Uncovers Prognostic and Immunogenic Characteristics of Cellular Senescence for Lung Adenocarcinoma. <b>2021</b> , 9, 780461	2
651	Integrative multiomics-histopathology analysis for breast cancer classification. <b>2021</b> , 7, 147	4
650	Identification of TNFAIP8 as an Immune-Related Biomarker Associated With Tumorigenesis and Prognosis in Cutaneous Melanoma Patients.. <b>2021</b> , 12, 783672	0
649	The tale of TILs in breast cancer: A report from The International Immuno-Oncology Biomarker Working Group. <b>2021</b> , 7, 150	17

648	Profiling of immune features to predict immunotherapy efficacy.. <b>2022</b> , 3, 100194	2
647	ATIC inhibits autophagy in hepatocellular cancer through the AKT/FOXO3 pathway and serves as a prognostic signature for modeling patient survival. <b>2021</b> , 17, 4442-4458	4
646	expression predicts the efficacy of anti-PD1 immunotherapy in gastrointestinal cancers. <b>2021</b> , 10, e1347	2
645	PANX1 is a potential prognostic biomarker associated with immune infiltration in pancreatic adenocarcinoma: A pan-cancer analysis. <b>2021</b> , 15, 680-696	3
644	Integrated Analysis to Obtain Potential Prognostic Signature in Glioblastoma.. <b>2021</b> , 15, 717629	0
643	Prediction of biomarkers and therapeutic combinations for anti-PD-1 immunotherapy using the global gene network association.. <b>2022</b> , 13, 42	5
642	Elevated CXCL12 in the plasma membrane of locally advanced rectal cancer after neoadjuvant chemoradiotherapy: a potential prognostic marker.. <b>2022</b> , 13, 162-173	1
641	Chimeric antigen receptor T cells targeting CD147 for non-small cell lung cancer therapy.. <b>2021</b> , 16, 101309	1
640	High-Mobility Group AT-Hook 1 Served as a Prognosis Biomarker and Associated with Immune Infiltrate in Hepatocellular Carcinoma.. <b>2022</b> , 15, 609-621	0
639	Intratumor morphologic and molecular genetic heterogeneity in astrocytomas of different grade of malignancy in the material from the first operation. <b>2022</b> , 20, 55-68	
638	Gemcitabine-Resistant Biomarkers in Bladder Cancer are Associated with Tumor-Immune Microenvironment.. <b>2021</b> , 9, 809620	0
637	ImReLnc: Identifying Immune-Related LncRNA Characteristics in Human Cancers Based on Heuristic Correlation Optimization.. <b>2021</b> , 12, 792541	0
636	Patients with polyclonal hepatocellular carcinoma are at a high risk of early recurrence and have a poor recurrence-free survival period.. <b>2022</b> , 16, 135	
635	Prognostic Value and Therapeutic Potential of CBX Family Members in Ovarian Cancer.. <b>2022</b> , 10, 832354	3
634	ADAM metallopeptidase domain 12 overexpression correlates with prognosis and immune cell infiltration in clear cell renal cell carcinoma.. <b>2022</b> , 13, 2412-2429	1
633	Identification of a Novel Nomogram to Predict Progression Based on the Circadian Clock and Insights Into the Tumor Immune Microenvironment in Prostate Cancer.. <b>2022</b> , 13, 777724	1
632	Advances in mixed cell deconvolution enable quantification of cell types in spatial transcriptomic data.. <b>2022</b> , 13, 385	10
631	Identification of TRPM2 as a Marker Associated With Prognosis and Immune Infiltration in Kidney Renal Clear Cell Carcinoma.. <b>2021</b> , 8, 774905	0

630	Therapeutic Implications of Tumor Microenvironment in Lung Cancer: Focus on Immune Checkpoint Blockade.. <b>2021</b> , 12, 799455	7
629	Spindle and Kinetochore-associated Family Genes are Prognostic and Predictive Biomarkers in Hepatocellular Carcinoma. <b>2022</b> , 000, 000-000	
628	Pan-cancer analysis of GALNTs expression identifies a prognostic of GALNTs feature in low grade glioma.. <b>2022</b> ,	2
627	LRRK2 correlates with macrophage infiltration in pan-cancer.. <b>2021</b> , 114, 316-327	3
626	CCNB2 is a novel prognostic factor and a potential therapeutic target in Low-grade glioma (LGG).. <b>2021</b> ,	0
625	Nucleolar and Coiled-Body Phosphoprotein 1 Is Associated With Stemness and Represents a Potential Therapeutic Target in Triple-Negative Breast Cancer.. <b>2022</b> , 12, 731528	
624	Mapk14 is a Prognostic Biomarker and Correlates with the Clinicopathological Features and Immune Infiltration of Colorectal Cancer.. <b>2022</b> , 10, 817800	0
623	Membrane tension sensing molecule-FNBP1 is a prognostic biomarker related to immune infiltration in BRCA, LUAD and STAD.. <b>2022</b> , 23, 1	0
622	Multi-Omics Analysis for Transcriptional Regulation of Immune-Related Targets Using Epigenetic Data: A New Research Direction.. <b>2021</b> , 12, 741634	0
621	High expression of PDZ-binding kinase is correlated with poor prognosis and immune infiltrates in hepatocellular carcinoma.. <b>2022</b> , 20, 22	2
620	Multi-Omics Analysis Based on Genomic Instability for Prognostic Prediction in Lower-Grade Glioma.. <b>2021</b> , 12, 758596	0
619	GPX7 Is Targeted by miR-29b and GPX7 Knockdown Enhances Ferroptosis Induced by Erastin in Glioma.. <b>2021</b> , 11, 802124	2
618	Comprehensive Analysis of Immune-Related Prognosis of TK1 in Hepatocellular Carcinoma.. <b>2021</b> , 11, 786873	1
617	PBK/TOPK Is a Favorable Prognostic Biomarker Correlated with Antitumor Immunity in Colon Cancers.. <b>2022</b> , 10,	0
616	A FAK Inhibitor Boosts Anti-PD1 Immunotherapy in a Hepatocellular Carcinoma Mouse Model.. <b>2021</b> , 12, 820446	
615	Protein Phosphatase 1 Regulatory Subunit 3: A Prognostic Biomarker in Stomach Adenocarcinoma.. <b>2022</b> , 15, 1131-1146	
614	Prognostic Significance of mRNA Expression RBBP8 or Its Methylation in Gliomas.. <b>2022</b> , 1	
613	DDX10 promotes the proliferation and metastasis of colorectal cancer cells via splicing RPL35.. <b>2022</b> , 22, 58	0



612	Role of miR-15b/160 cluster network in endometrial cancer: An in silico pathway and prognostic analysis. <b>2022</b> , 31, 101018	
611	HIF-1 $\beta$ inhibition promotes the efficacy of immune checkpoint blockade in the treatment of non-small cell lung cancer.. <b>2022</b> ,	4
610	Tertiary lymphoid structure and decreased CD8 T cell infiltration in minimally invasive adenocarcinoma.. <b>2022</b> , 25, 103883	0
609	Comprehensive Genomic and Epigenomic Analyses on Transcriptomic Regulation in Stomach Adenocarcinoma.. <b>2021</b> , 12, 778095	1
608	A Pan-Cancer Analysis Reveals the Prognostic and Immunotherapeutic Value of ALKBH7.. <b>2022</b> , 13, 822261	2
607	Prefoldin and prefoldin-like complex subunits as predictive biomarkers for hepatocellular carcinoma immunotherapy.. <b>2022</b> , 232, 153808	0
606	Comprehensive analysis of N-methyladenosine regulators with the tumor immune landscape and correlation between the insulin-like growth factor 2 mRNA-binding protein 3 and programmed death ligand 1 in bladder cancer.. <b>2022</b> , 22, 72	0
605	Cancer-cell-derived GABA promotes $\beta$ -catenin-mediated tumour growth and immunosuppression.. <b>2022</b> , 24, 230-241	3
604	Identification of the Expression and Clinical Significance of E2F Family in Clear Cell Renal Cell Carcinoma.. <b>2022</b> , 15, 1193-1212	
603	A novel immune-related lncRNA pair signature for prognostic prediction and immune response evaluation in gastric cancer: a bioinformatics and biological validation study.. <b>2022</b> , 22, 69	0
602	A Lipid Metabolism-Based Seven-Gene Signature Correlates with the Clinical Outcome of Lung Adenocarcinoma.. <b>2022</b> , 2022, 9913206	1
601	A Novel TGF- $\beta$ Risk Score Predicts the Clinical Outcomes and Tumour Microenvironment Phenotypes in Bladder Cancer.. <b>2021</b> , 12, 791924	1
600	HLA Class II Histocompatibility Antigen $\beta$ Chain (CD74) Expression Is Associated with Immune Cell Infiltration and Favorable Outcome in Breast Cancer.. <b>2021</b> , 13,	0
599	A Prognostic Pyroptosis-Related lncRNAs Risk Model Correlates With the Immune Microenvironment in Colon Adenocarcinoma.. <b>2021</b> , 9, 811734	3
598	Immune infiltration and prognostic and diagnostic use of LGALS4 in colon adenocarcinoma and bladder urothelial carcinoma. <b>2021</b> , 13, 11353-11363	1
597	Multi-omics analysis identifies distinct subtypes with clinical relevance in lung adenocarcinoma harboring /.. <b>2022</b> , 13, 1512-1522	
596	An integrative prognostic and immune analysis of PTPRD in cancer. <b>2022</b> , 19, 5361-5379	
595	SDC: An integrated database for sex differences in cancer.. <b>2022</b> , 20, 1068-1076	

594	High Expression of Leads to a Poor Prognosis in Papillary Thyroid Cancer and Suppresses the Anti-Tumor Immune Microenvironment.. <b>2022</b> , 21, 15330338221085360	
593	Multi-Omics Profiling of the Tumor Microenvironment.. <b>2022</b> , 1361, 283-326	0
592	Integrated analysis of the prognostic and oncogenic roles of OPN3 in human cancers.. <b>2022</b> , 22, 187	0
591	Transcriptional Expressions of ALDH1A1/B1 as Independent Indicators for the Survival of Thyroid Cancer Patients.. <b>2022</b> , 12, 821958	1
590	SLC39A1 Overexpression is Associated with Immune Infiltration in Hepatocellular Carcinoma and Promotes Its Malignant Progression.. <b>2022</b> , 9, 83-98	1
589	Deep learning using bulk RNA-seq data expands cell landscape identification in tumor microenvironment.. <b>2022</b> , 11, 2043662	0
588	A Pan-Cancer Analysis of the Oncogenic Role of Cell Division Cycle-Associated Protein 4 (CDCA4) in Human Tumors.. <b>2022</b> , 13, 826337	2
587	Pan-cancer analysis of oncogenic role of Programmed Cell Death 2 Like (PDCD2L) and validation in colorectal cancer.. <b>2022</b> , 22, 100	0
586	Energy Metabolism-Related Gene Prognostic Index Predicts Biochemical Recurrence for Patients With Prostate Cancer Undergoing Radical Prostatectomy.. <b>2022</b> , 13, 839362	1
585	Diagnostic and prognostic role of basic leucine zipper transcription factor in kidney renal clear cell carcinoma.. <b>2022</b> , 11, 238-252	
584	Construction of a Redox-Related Prognostic Model with Predictive Value in Survival and Therapeutic Response for Patients with Lung Adenocarcinoma.. <b>2022</b> , 2022, 7651758	0
583	A Transcriptional Link between HER2, JAM-A and FOXA1 in Breast Cancer.. <b>2022</b> , 11,	1
582	Comprehensive analysis of the expression and significance of CXCLs in human diffuse large B-cell lymphoma.. <b>2022</b> , 12, 2817	
581	Cohesin mutation sensitizes cancer cells to anti-PD-1 therapy through endogenous retrovirus-mediated PD-L1 upregulation.	
580	Calmette-Guīn Treatment Changes the Tumor Microenvironment of Non-Muscle-Invasive Bladder Cancer.. <b>2022</b> , 12, 842182	0
579	HSPB8 is a Potential Prognostic Biomarker that Correlates With Immune Cell Infiltration in Bladder Cancer.. <b>2022</b> , 13, 804858	
578	Dynamic Changes in Myofibroblasts Affect the Carcinogenesis and Prognosis of Bladder Cancer Associated With Tumor Microenvironment Remodeling.. <b>2022</b> , 10, 833578	1
577	The High Expression of Minichromosome Maintenance Complex Component 5 Is an Adverse Prognostic Factor in Lung Adenocarcinoma.. <b>2022</b> , 2022, 4338793	0

576	Uncovering the Immune Cell Infiltration Landscape in Low-Grade Glioma for Aiding Immunotherapy.. <b>2022</b> , 2022, 3370727	0
575	Diagnostic Value, Prognostic Value, and Immune Infiltration of Family Members in Liver Cancer: Bioinformatic Analysis.. <b>2022</b> , 12, 843880	0
574	Upregulated LINC01088 facilitates malignant phenotypes and immune escape of colorectal cancer by regulating microRNAs/G3BP1/PD-L1 axis.. <b>2022</b> , 1	2
573	Pan-cancer analysis identifies LMNB1 as a target to redress Th1/Th2 imbalance and enhance PARP inhibitor response in human cancers.. <b>2022</b> , 22, 101	1
572	YTHDF1 amplification is correlated with worse outcome and lower immune cell infiltrations in breast cancer.. <b>2022</b> ,	0
571	Comprehensive Analysis of the Carcinogenic Process, Tumor Microenvironment, and Drug Response in HPV-Positive Cancers.. <b>2022</b> , 12, 842060	0
570	The Prognostic Value and Immunological Role of STEAP1 in Pan-Cancer: A Result of Data-Based Analysis.. <b>2022</b> , 2022, 8297011	0
569	Identification of a Novel Tumor Microenvironment Prognostic Signature for Bladder Urothelial Carcinoma.. <b>2022</b> , 12, 818860	0
568	Screening of Potential Key Biomarkers for Ewing Sarcoma: Evidence from Gene Array Analysis.. <b>2022</b> , 15, 2575-2588	0
567	Comprehensive Analysis of YTHDF1 Immune Infiltrates and ceRNA in Human Esophageal Carcinoma.. <b>2022</b> , 13, 835265	0
566	Zinc Finger E-box binding Homeobox 1 as Prognostic Biomarker and its Correlation with Infiltrating Immune Cells and Telomerase in Lung Cancer. <b>2022</b> , 28, 9-24	0
565	Analyzing and validating the prognostic value and immune microenvironment of clear cell renal cell carcinoma.. <b>2022</b> , 26, 52-61	1
564	Immune-related lincRNA pairs predict prognosis and therapeutic response in hepatocellular carcinoma.. <b>2022</b> , 12, 4259	
563	Genetic association study of intron variants in the forkhead box protein P3 gene in Chinese patients diagnosed with cervical cancer.. <b>2022</b> ,	
562	Signal transducer and activator of transcription family is a prognostic marker associated with immune infiltration in endometrial cancer.. <b>2022</b> , e24315	2
561	Systematic analysis of the expression and prognostic value of ITPR1 and correlation with tumor infiltrating immune cells in breast cancer.. <b>2022</b> , 22, 297	
560	Integrative analysis identifies key genes related to metastasis and a robust gene-based prognostic signature in uveal melanoma.. <b>2022</b> , 15, 61	
559	Comprehensive Analysis of HHLA2 as a Prognostic Biomarker and Its Association With Immune Infiltrates in Hepatocellular Carcinoma.. <b>2022</b> , 13, 831101	0

558	Construction and Validation of an Immune-Related Risk Score Model for Survival Prediction in Glioblastoma.. <b>2022</b> , 13, 832944	0
557	Application Potential of as a Diagnostic and Prognostic Indicator for Colon Adenocarcinoma.. <b>2022</b> , 9, 849771	1
556	Development and Validation of Lactate Metabolism-Related lncRNA Signature as a Prognostic Model for Lung Adenocarcinoma.. <b>2022</b> , 13, 829175	0
555	Identification of IL20RB as a Novel Prognostic and Therapeutic Biomarker in Clear Cell Renal Cell Carcinoma.. <b>2022</b> , 2022, 9443407	0
554	Role of DTL in Hepatocellular Carcinoma and Its Impact on the Tumor Microenvironment.. <b>2022</b> , 13, 834606	0
553	The clinical relevance of epithelial-mesenchymal transition and its correlations with tumorigenic immune infiltrates in hepatocellular carcinoma.. <b>2022</b> ,	0
552	Cleavage Stimulation Factor Subunit 2: Function Across Cancers and Potential Target for Chemotherapeutic Drugs.. <b>2022</b> , 13, 852469	
551	The AlkB Family: Potential Prognostic Biomarkers and Therapeutic Targets in Glioblastoma.. <b>2022</b> , 12, 847821	
550	Nanoparticles targeting at methylases with high correlation to N6-methyladenosine-related lncRNA signatures as potential therapy of kidney clear cell carcinoma. <b>2022</b> ,	3
549	Association of Elevated Expression Levels of in Stromal Cells with an Immunosuppressive Tumor Microenvironment in Low-Grade Glioma, Pancreatic Adenocarcinoma, Skin Cutaneous Melanoma, and Stomach Adenocarcinoma.. <b>2022</b> , 12,	1
548	DFNA5 regulates immune cells infiltration and exhaustion.. <b>2022</b> , 22, 107	1
547	Comprehensive analyses of prognostic biomarkers and immune infiltrates among histone lysine demethylases (KDMs) in hepatocellular carcinoma.. <b>2022</b> , 1	1
546	Concurrent delivery of immune checkpoint blockade modulates T cell dynamics to enhance neoantigen vaccine-generated antitumor immunity.. <b>2022</b> ,	5
545	The Prognostic Significance of RIMKLB and Related Immune Infiltrates in Colorectal Cancers.. <b>2022</b> , 13, 818994	
544	as a Clinical Prognostic Indicator Associated with Tumor Immune Infiltration in Lung Adenocarcinoma.. <b>2022</b> ,	
543	Decosus: An R Framework for Universal Integration of Cell Proportion Estimation Methods.. <b>2022</b> , 13, 802838	0
542	Mitochondria Dysfunction-Mediated Molecular Subtypes and Gene Prognostic Index for Prostate Cancer Patients Undergoing Radical Prostatectomy or Radiotherapy.. <b>2022</b> , 12, 858479	0
541	DLK2 Acts as a Potential Prognostic Biomarker for Clear Cell Renal Cell Carcinoma Based on Bioinformatics Analysis.. <b>2022</b> , 13,	0

540	Characterization of the treatment-naive immune microenvironment in melanoma with mutation.. <b>2022</b> , 10,	0
539	Ag nanoparticles enhance immune checkpoint blockade efficacy by promoting of immune surveillance in melanoma.. <b>2022</b> , 616, 189-200	3
538	A Multi-Omics Network of a Seven-Gene Prognostic Signature for Non-Small Cell Lung Cancer.. <b>2021</b> , 23,	1
537	Different Glucose Metabolic Features According to Cancer and Immune Cells in the Tumor Microenvironment.. <b>2021</b> , 11, 769393	0
536	Bulk and Single-Cell Profiling of Breast Tumors Identifies TREM-1 as a Dominant Immune Suppressive Marker Associated With Poor Outcomes.. <b>2021</b> , 11, 734959	0
535	An AutoEncoder-Based Matrix Factorization Approach to Estimating Cell Proportion from Bulk Tumor RNA-seq Data. <b>2021</b> ,	
534	Cytochrome b561 Serves as a Potential Prognostic Biomarker and Target for Breast Cancer.. <b>2021</b> , 14, 10447-10464	0
533	Estimating cell type composition using isoform expression one gene at a time.. <b>2021</b> ,	
532	RNA sequencing of glioblastoma tissue slice cultures reveals the effects of treatment at the transcriptional level.. <b>2021</b> ,	
531	Glycogenes in Oncofetal Chondroitin Sulfate Biosynthesis are Differently Expressed and Correlated With Immune Response in Placenta and Colorectal Cancer.. <b>2021</b> , 9, 763875	2
530	Key Candidate Prognostic Biomarkers Correlated with Immune Infiltration in Hepatocellular Carcinoma.. <b>2021</b> , 8, 1607-1622	0
529	DCAE: Selecting Discriminative Genes on Single-cell RNA-seq Data for Cell-type Quantification. <b>2021</b> ,	0
528	ITGB1-DT/ARNTL2 axis may be a novel biomarker in lung adenocarcinoma: a bioinformatics analysis and experimental validation.. <b>2021</b> , 21, 665	2
527	Impact of cancer cell-intrinsic features on neutrophil behavior. <b>2021</b> , 101546	2
526	Subclass-specific Prognosis and Treatment Efficacy Inference in Head and Neck Squamous Carcinoma.. <b>2022</b> , PP,	
525	scDeconv: an R package to deconvolve bulk DNA methylation data with scRNA-seq data and paired bulk RNA-DNA methylation data.. <b>2022</b> ,	
524	Identification of an immune gene-associated prognostic signature in patients with bladder cancer.. <b>2022</b> ,	0
523	Molecular signatures of tumor progression in pancreatic adenocarcinoma identified by energy metabolism characteristics.. <b>2022</b> , 22, 404	0

522	Emerging therapies for glioblastoma: current state and future directions.. <b>2022</b> , 41, 142	7
521	Identification of Tumor Microenvironment and DNA Methylation-Related Prognostic Signature for Predicting Clinical Outcomes and Therapeutic Responses in Cervical Cancer.. <b>2022</b> , 9, 872932	1
520	Joint Analysis of Microbial and Immune Cell Abundance in Liver Cancer Tissue Using a Gene Expression Profile Deconvolution Algorithm Combined With Foreign Read Remapping.. <b>2022</b> , 13, 853213	0
519	Construction and Validation of a Necroptosis-Related Signature Associated With the Immune Microenvironment in Liver Hepatocellular Carcinoma.. <b>2022</b> , 13, 859544	0
518	Construction and Validation of Angiogenesis-Related Prognostic Risk Signature to Facilitate Survival Prediction and Biomarker Excavation of Breast Cancer Patients.. <b>2022</b> , 2022, 1525245	2
517	Microglia/macrophage-derived human CCL18 promotes glioma progression via CCR8-ACP5 axis analyzed in humanized slice model.. <b>2022</b> , 39, 110670	1
516	Pan-cancer analyses reveal the regulation and clinical outcome association of PCLAF in human tumors.. <b>2022</b> , 60,	0
515	G-Protein Subunit Gamma 4 as a Potential Biomarker for Predicting the Response of Chemotherapy and Immunotherapy in Bladder Cancer.. <b>2022</b> , 13,	1
514	ASPM Is a Prognostic Biomarker and Correlates With Immune Infiltration in Kidney Renal Clear Cell Carcinoma and Liver Hepatocellular Carcinoma.. <b>2022</b> , 12, 632042	0
513	Identification of Potential Biomarkers for Progression and Prognosis of Bladder Cancer by Comprehensive Bioinformatics Analysis.. <b>2022</b> , 2022, 1802706	0
512	Table_1.DOCX. <b>2020</b> ,	
511	Table_2.DOCX. <b>2020</b> ,	
510	DataSheet_1.zip. <b>2019</b> ,	
509	Image_1.tif. <b>2019</b> ,	
508	Image_2.tif. <b>2019</b> ,	
507	Image_3.tif. <b>2019</b> ,	
506	Image_4.tif. <b>2019</b> ,	
505	Image_5.tif. <b>2019</b> ,	

504 Image\_1.TIF. **2020**,

503 Image\_2.TIF. **2020**,

502 Image\_3.TIF. **2020**,

501 Image\_4.TIF. **2020**,

500 Table\_1.docx. **2020**,

499 Table\_2.docx. **2020**,

498 Image\_1.TIF. **2020**,

497 Image\_2.TIF. **2020**,

496 Image\_3.TIF. **2020**,

495 Image\_4.TIF. **2020**,

494 Table\_1.docx. **2020**,

493 Table\_2.XLSX. **2020**,

492 data\_sheet\_1.docx. **2018**,

491 data\_sheet\_2.PDF. **2018**,

490 data\_sheet\_3.xlsx. **2018**,

489 Image\_1.JPEG. **2020**,

488 Image\_2.JPEG. **2020**,

487 Image\_3.JPEG. **2020**,

486 Image\_4.JPEG. 2020,

485 Image\_5.JPEG. 2020,

484 Image\_6.JPEG. 2020,

483 DataSheet\_1.pdf. 2019,

482 Table\_1.xlsx. 2019,

481 Table\_2.xlsx. 2019,

480 Image\_1.TIFF. 2020,

479 Image\_2.TIF. 2020,

478 Image\_3.TIF. 2020,

477 Image\_4.TIF. 2020,

476 Image\_5.TIF. 2020,

475 Image\_6.TIF. 2020,

474 Image\_7.TIF. 2020,

473 Table\_1.DOCX. 2020,

472 Table\_2.DOCX. 2020,

471 Table\_3.DOCX. 2020,

470 Table\_4.XLSX. 2020,

469 Data\_Sheet\_1.docx. 2020,



468 Table\_1.XLSX. 2020,

467 Data\_Sheet\_1.docx. 2018,

466 Table\_1.XLSX. 2018,

465 Table\_2.XLSX. 2018,

464 Table\_3.XLSX. 2018,

463 Table\_4.XLSX. 2018,

462 Table\_5.XLSX. 2018,

461 Table\_6.XLSX. 2018,

460 Table\_7.XLSX. 2018,

459 Table\_8.XLSX. 2018,

458 Data\_Sheet\_1.PDF. 2019,

457 Table\_1.docx. 2019,

456 Image\_1.TIF. 2020,

455 Image\_2.TIF. 2020,

454 Image\_3.TIF. 2020,

453 Table\_1.XLSX. 2020,

452 Table\_2.XLSX. 2020,

451 Table\_3.XLSX. 2020,

450 Table\_4.XLSX. 2020,

449 Table\_5.XLSX. 2020,

448 DataSheet\_1.docx. 2020,

447 Table\_1.xlsx. 2020,

446 Image\_1.tif. 2020,

445 Image\_2.TIF. 2020,

444 Image\_3.TIF. 2020,

443 Image\_4.TIF. 2020,

442 Table\_1.XLSX. 2020,

441 Data\_Sheet\_1.ZIP. 2020,

440 Data\_Sheet\_1.PDF. 2019,

439 Table\_1.xls. 2019,

438 Table\_10.xlsx. 2019,

437 Table\_11.xls. 2019,

436 Table\_2.xls. 2019,

435 Table\_3.xls. 2019,

434 Table\_4.xls. 2019,

433 Table\_5.xls. 2019,

432 Table\_6.xls. **2019**,

431 Table\_7.xls. **2019**,

430 Table\_8.xls. **2019**,

429 Table\_9.xls. **2019**,

428 Data\_Sheet\_1.XLS. **2020**,

427 Data\_Sheet\_2.PDF. **2020**,

426 Data\_Sheet\_1.PDF. **2020**,

425 Image\_1.TIFF. **2020**,

424 Image\_2.TIFF. **2020**,

423 Image\_3.TIFF. **2020**,

422 Image\_4.TIFF. **2020**,

421 Data\_Sheet\_1.PDF. **2020**,

420 Image\_1.pdf. **2020**,

419 Image\_1.tif. **2021**,

418 Table\_1.docx. **2021**,

417 Table\_2.docx. **2021**,

416 Data\_Sheet\_1.PDF. **2020**,

415 Data\_Sheet\_2.xlsx. **2020**,

414 Table\_1.pdf. **2020**,

413 Table\_2.pdf. **2020**,

412 Data\_Sheet\_1.docx. **2019**,

411 DataSheet\_1.pdf. **2020**,

410 Image\_1.TIF. **2019**,

409 Table\_1.DOCX. **2019**,

408 Image\_1\_v1.TIF. **2020**,

407 Data\_Sheet\_1.zip. **2019**,

406 Image\_1.tif. **2019**,

405 Image\_2.JPEG. **2019**,

404 Image\_3.JPEG. **2019**,

403 Image\_4.JPEG. **2019**,

402 Image\_5.JPEG. **2019**,

401 Presentation\_1.pptx. **2020**,

400 Table\_1.xlsx. **2020**,

399 Table\_2.docx. **2020**,

398 Table\_1.XLSX. **2020**,

397 Table\_2.XLSX. **2020**,

396 Table\_3.XLSX. 2020,

395 Table\_4.XLSX. 2020,

394 Table\_5.XLSX. 2020,

393 Table\_6.XLSX. 2020,

392 Table\_7.XLSX. 2020,

391 Table\_8.XLSX. 2020,

390 Table\_1.xlsx. 2020,

389 Table\_10.xlsx. 2020,

388 Table\_11.xlsx. 2020,

387 Table\_12.xlsx. 2020,

386 Table\_13.xlsx. 2020,

385 Table\_14.xlsx. 2020,

384 Table\_2.xlsx. 2020,

383 Table\_3.xlsx. 2020,

382 Table\_4.xlsx. 2020,

381 Table\_5.xlsx. 2020,

380 Table\_6.xlsx. 2020,

379 Table\_7.xlsx. 2020,

378 Table\_8.xlsx. 2020,

377 Table\_9.xlsx. 2020,

376 Image\_1.TIF. 2020,

375 Image\_2.TIF. 2020,

374 Image\_3.TIF. 2020,

373 Image\_4.TIF. 2020,

372 Image\_5.TIF. 2020,

371 Table\_1.DOCX. 2020,

370 Table\_2.DOCX. 2020,

369 Table\_3.DOCX. 2020,

368 Table\_4.DOCX. 2020,

367 Table\_5.DOCX. 2020,

366 Data\_Sheet\_1.PDF. 2020,

365 Data\_Sheet\_2.PDF. 2020,

364 Data\_Sheet\_3.docx. 2020,

363 Image\_1.JPEG. 2020,

362 Table\_1.docx. 2020,

361 Comprehensive analysis of the expression, prognosis, and immune infiltrates for CHDs in human lung cancer.. 2022, 13, 29

○

360	Cell type and gene expression deconvolution with BayesPrism enables Bayesian integrative analysis across bulk and single-cell RNA sequencing in oncology.. <b>2022,</b>	3
359	Tumor expression quantitative trait methylation screening reveals distinct CpG panels for deconvolving cancer immune signatures.. <b>2022,</b>	1
358	Immune-related biomarkers shared by inflammatory bowel disease and liver cancer.. <b>2022, 17, e0267358</b>	2
357	Pan-cancer investigation of CENPK gene: clinical significance and oncogenic immunology.. <b>2021, 13, 13336-13355</b>	
356	Exploring Tumor Immune Microenvironment and Its Associations With Molecular Characteristics in Melanoma.. <b>2022, 12, 821578</b>	0
355	High expression of RIPK2 is associated with Taxol resistance in serous ovarian cancer.. <b>2022, 15, 48</b>	1
354	Integrative Analysis Constructs an Extracellular Matrix-Associated Gene Signature for the Prediction of Survival and Tumor Immunity in Lung Adenocarcinoma.. <b>2022, 10, 835043</b>	0
353	Identification of Enhancer RNA CDK6-AS1 as a Potential Novel Prognostic Biomarker in Gastric Cancer.. <b>2022, 13, 854211</b>	0
352	Systematic Construction and Validation of an Immune-Related Gene-Based Model to Predict Prognosis for Ovarian Cancer.. <b>2022, 2022, 7356992</b>	
351	Evidence of Omics, Immune Infiltration, and Pharmacogenomics for BATF in a Pan-Cancer Cohort.. <b>2022, 9, 844721</b>	0
350	Prognostic and Immunotherapeutic Roles of KRAS in Pan-Cancer.. <b>2022, 11,</b>	0
349	Identification of the Pyroptosis-Related Prognosis Gene Signature and Immune Infiltration in Hepatocellular Carcinoma.. <b>2022, 2022, 9124216</b>	1
348	Development of an immune-related prognostic biomarker for triple-negative breast cancer.. <b>2022, 54, 1212-1220</b>	0
347	Identification of a five genes prognosis signature for triple-negative breast cancer using multi-omics methods and bioinformatics analysis.. <b>2022,</b>	1
346	Tumor Microenvironment Evaluation for Gastrointestinal Cancer in the Era of Immunotherapy and Machine Learning. <b>2022, 13,</b>	0
345	Analysis of CFTR gene expression as an immunological and prognostic biomarker in pan-cancers. <b>2022, 105614</b>	0
344	Low CRIM1 Levels Predict Poor Prognosis in Breast Cancer Patients. <b>2022, 12,</b>	
343	CAST as a Potential Oncogene, Identified by Machine Search, in Gastric Cancer Infiltrated with Macrophages and Associated with Lgr5. <b>2022, 12, 670</b>	0

342	M5C-Related lncRNA Predicts Lung Adenocarcinoma and Tumor Microenvironment Remodeling: Computational Biology and Basic Science.. <b>2022</b> , 10, 885568	2
341	Identification of a 5-gene-risk score model for predicting luminal A-invasive lobular breast cancer survival.. <b>2022</b> ,	1
340	Bioinformatics analysis on the prognostic significance of SOX9 gene and its transcriptional product in colorectal cancer. <b>2022</b> , 201043	1
339	SKA3 is a prognostic biomarker and associated with immune infiltration in bladder cancer.. <b>2022</b> , 159, 20	
338	Prognostic biomarker HAMP and associates with immune infiltration in gastric cancer.. <b>2022</b> , 108, 108839	0
337	Comprehensive Analysis of PDLIM3 Expression Profile, Prognostic Value, and Correlations with Immune Infiltrates in Gastric Cancer. <b>2022</b> , 2022, 1-17	0
336	Identification of Immune Subtypes of Esophageal Adenocarcinoma to Predict Prognosis and Immunotherapy Response. <b>2022</b> , 15, 605	
335	An immune-related lncRNA pairs signature to identify the prognosis and predict the immune landscape of laryngeal squamous cell carcinoma.. <b>2022</b> , 22, 545	2
334	hsa-miR-9-5p-Mediated TSPAN9 Downregulation Is Positively Related to Both Poor Hepatocellular Carcinoma Prognosis and the Tumor Immune Infiltration. <b>2022</b> , 2022, 1-10	0
333	Deubiquitinating enzyme JOSD2 promotes hepatocellular carcinoma progression through interacting with and inhibiting CTNNB1 degradation.. <b>2022</b> ,	0
332	Transcriptomic signatures associated with autoimmune thyroiditis in papillary thyroid carcinoma and cancer immunotherapy-induced thyroid dysfunction. <b>2022</b> ,	
331	Rregulator CDCA8 as a potential biomarker for the prognosis of human cutaneous melanoma.. <b>2022</b> ,	0
330	Development of a Phagocytosis-Dependent Gene Signature to Predict Prognosis and Response to Checkpoint Inhibition in Clear-Cell Renal Cell Carcinoma. <b>2022</b> , 13,	0
329	Transcriptional ITPR3 as potential targets and biomarkers for human pancreatic cancer.. <b>2022</b> , 14,	
328	Prognostic and Immunological Role of PPP1R14A as a Pan-Cancer Analysis Candidate. <b>2022</b> , 13,	
327	Overall Survival Signature of 5-Methylcytosine Regulators Related Long Non-Coding RNA in Hepatocellular Carcinoma. <b>2022</b> , 12,	0
326	MTDH antisense oligonucleotides reshape the immunosuppressive tumor microenvironment to sensitize Hepatocellular Carcinoma to immune checkpoint blockade therapy. <b>2022</b> , 541, 215750	0
325	Identification of Three Genes Associated with Metastasis in Melanoma and Construction of a Predictive Model: A Multiracial Identification. <b>2022</b> , 2022, 1-27	1



324	Construction of a prognostic immune-related lncRNA model and identification of the immune microenvironment in middle- or advanced-stage lung squamous carcinoma patients. <b>2022</b> , 8, e09521	
323	SLC6A8 is a Potential Biomarker for Poor Prognosis in Lung Adenocarcinoma. 13,	1
322	Development and Validation of a Novel PPAR Signaling Pathway-Related Predictive Model to Predict Prognosis in Breast Cancer. <b>2022</b> , 2022, 1-22	1
321	A Robust Immuno-Prognostic Model of Non-Muscle-Invasive Bladder Cancer Indicates Dynamic Interaction in Tumor Immune Microenvironment Contributes to Cancer Progression. <b>2022</b> , 13,	0
320	Community assessment of methods to deconvolve cellular composition from bulk gene expression.	0
319	NTF2 Upregulation in HNSCC: a Predictive Marker and Potential Therapeutic Target Associated With Immune Infiltration. 12,	
318	CTHRC1 is a Potential Prognostic Biomarker and Correlated with Macrophage Infiltration in Breast Cancer. Volume 15, 5701-5713	
317	A comprehensive bioinformatics analysis to identify potential prognostic biomarkers among CC and CXC chemokines in breast cancer. <b>2022</b> , 12,	0
316	Lower Expression of TWEAK is Associated with Poor Survival and Dysregulate TIICs in Lung Adenocarcinoma. <b>2022</b> , 2022, 1-13	
315	Bioinformatics-Driven Identification of p62 as A Crucial Oncogene in Liver Cancer. 12,	
314	TRPs in Ovarian Serous Cystadenocarcinoma: The Expression Patterns, Prognostic Roles, and Potential Therapeutic Targets. 9,	0
313	Predicting Algorithm of Tissue Cell Ratio Based on Deep Learning Using Single-Cell RNA Sequencing. <b>2022</b> , 12, 5790	0
312	Associating transcriptomics data with inflammatory markers to understand tumour microenvironment in hepatocellular carcinoma.	0
311	A Systematic Analysis Reveals the Prognostic and Immunological Role of Reptin/RUVBL2 in Human Tumors. 13,	0
310	Bioinformatic Analysis of the Expression and Clinical Significance of the DNA Replication Regulator MCM Complex in Bladder Cancer. Volume 15, 5465-5485	
309	Identification of Prognosis-Related Molecular Subgroups and Construction of a Prognostic Prediction Model Using Immune-Related Genes in Pancreatic Cancer. <b>2022</b> , 2022, 1-21	1
308	Prognostic Characteristics of Immune-Related Genes and the Related Regulatory Axis in Patients With Stage N+M0 Breast Cancer. 12,	
307	Plac1 Remodels the Tumor Immune Evasion Microenvironment and Predicts Therapeutic Response in Head and Neck Squamous Cell Carcinoma. 12,	

306	KCNN4 may weaken anti-tumor immune response via raising Tregs and diminishing resting mast cells in clear cell renal cell carcinoma. <b>2022</b> , 22,	1
305	CD58 loss in tumor cells confers functional impairment of CAR T cells.	2
304	Novel Hypoxia-Associated Gene Signature Depicts Tumor Immune Microenvironment and Predicts Prognosis of Colon Cancer Patients. 13,	0
303	Characteristics of tumor infiltrating lymphocytes in sinonasal mucosal melanoma and prognosis for patients. <b>2022</b> , 46, 100878	2
302	The role of miR-4469 as a tumor suppressor regulating inflammatory cell infiltration in colorectal cancer. <b>2022</b> , 20, 3755-3763	1
301	Hypoxia-induced polypoid giant cancer cells in glioma promote the transformation of tumor-associated macrophages to a tumor-supportive phenotype.	2
300	Increased expression of FAT4 suppress metastasis of lung adenocarcinoma through regulating MAPK pathway and associated with immune cells infiltration.	0
299	Immune Infiltration Represents Potential Diagnostic and Prognostic Biomarkers for Esophageal Squamous Cell Carcinoma. <b>2022</b> , 2022, 1-15	
298	Pancreatic adenocarcinoma associated immune-gene signature as a novo risk factor for clinical prognosis prediction in hepatocellular carcinoma. <b>2022</b> , 12,	
297	Oncolytic adenovirus promotes vascular normalization and nonclassical tertiary lymphoid structure formation through STING-mediated DC activation. <b>2022</b> , 11,	1
296	E2F4 transcription factor is a prognostic biomarker related to immune infiltration of head and neck squamous cell carcinoma. <b>2022</b> , 12,	
295	Expressional regulation of NKG2DLs is associated with the tumor development and shortened overall survival in lung adenocarcinoma. <b>2022</b> , 227, 152239	0
294	Deconvolution analysis of cell-type expression from bulk tissues by integrating with single-cell expression reference.	
293	GPR87 promotes tumor cell invasion and mediates the immunogenomic landscape of lung adenocarcinoma. <b>2022</b> , 5,	
292	Long-Noncoding RNA MANCR is Associated With Head and Neck Squamous Cell Carcinoma Malignant Development and Immune Infiltration. 13,	1
291	Expression Patterns of Necroptosis-Related Genes: Predicting Prognosis and Immunotherapeutic Effects in Cutaneous Melanoma. <b>2022</b> , 2022, 1-20	
290	Identification of Grb2-associated binding protein 3 expression to predict clinical outcomes and immunotherapeutic responses in lung adenocarcinoma.	0
289	Identification and Verification of Potential Biomarkers in Gastric Cancer By Integrated Bioinformatic Analysis. 13,	0

288	Functional landscapes of POLE and POLD1 mutations in checkpoint blockade-dependent antitumor immunity. <b>2022</b> , 54, 996-1012	4
287	AP3S1 is a Novel Prognostic Biomarker and Correlated With an Immunosuppressive Tumor Microenvironment in Pan-Cancer. 10,	0
286	Deoxythymidylate Kinase as a Promising Marker for Predicting Prognosis and Immune Cell Infiltration of Pan-cancer. 9,	
285	RAB39B as a Chemosensitivity-Related Biomarker for Diffuse Large B-Cell Lymphoma. 13,	1
284	Enhancing PD-L1 Degradation by ITCH during MAPK Inhibitor Therapy Suppresses Acquired Resistance. OF1-OF18	0
283	DeCAF: a novel method to identify cell-type specific regulatory variants and their role in cancer risk. <i>Genome Biology</i> , <b>2022</b> , 23,	18.3
282	P-Rex1 Signaling Hub in Lower Grade Glioma Patients, Found by In Silico Data Mining, Correlates With Reduced Survival and Augmented Immune Tumor Microenvironment. 12,	0
281	Geospatial immune heterogeneity reflects the diverse tumor-immune interactions in intrahepatic cholangiocarcinoma.	1
280	Network Pharmacology and Molecular Docking on the Molecular Mechanism of Jiawei-Huang Lian-Gan Jiang Decoction in the Treatment of Colorectal Adenomas. <b>2022</b> , 2022, 1-15	
279	Discoidin domain receptor 1 is a potential target correlated with tumor invasion and immune infiltration in gastric cancer. 13,	1
278	Prognostic biomarker IL17A correlated with immune infiltrates in head and neck cancer. <b>2022</b> , 20,	0
277	Molecular Subtyping Based on Cuproptosis-Related Genes and Characterization of Tumor Microenvironment Infiltration in Kidney Renal Clear Cell Carcinoma. 12,	1
276	Assessing the Prognostic Capability of Immune-Related Gene Scoring Systems in Lung Adenocarcinoma. <b>2022</b> , 2022, 1-15	
275	Identification of Crucial Gene Modules Related to the Efficiency of Anti-PD-1/PD-L1 Therapy and Comprehensive Analyses of a Novel Signature Based on These Modules. 13,	
274	Network pharmacology and molecular docking analysis reveal insights into the molecular mechanism of shiliao decoction in the treatment of cancer-associated malnutrition. 9,	0
273	A tumor microenvironment-related risk model for predicting the prognosis and tumor immunity of breast cancer patients. 13,	0
272	Identification of immune-related ferroptosis prognostic marker and in-depth bioinformatics exploration of multi-omics mechanisms in thyroid cancer. 9,	0
271	A tumor microenvironment gene setBased prognostic signature for non-small-cell lung cancer. 9,	0

- 270 A novel high-risk subpopulation identified by CTSL and ZBTB7B in gastric cancer. 1
- 269 Exosomes orchestrates distinct molecular subtypes and key genes for the prostate cancer. **2022**,
- 268 Characterization of immune-related alternative polyadenylation events in cancer immunotherapy. 0
- 267 Identification of G6PC as a potential prognostic biomarker in hepatocellular carcinoma based on bioinformatics analysis. **2022**, 101, e29548 0
- 266 PSEN1 is associated with colon cancer development via potential influences on PD-L1 nuclear translocation and tumor-immune interactions. 13,
- 265 Identify metabolism-related genes IDO1, ALDH2, NCOA2, SLC7A5, SLC3A2, LDHB, and HPRT1 as potential prognostic markers and correlate with immune infiltrates in head and neck squamous cell carcinoma. 13, 0
- 264 Phosphoserine phosphatase as an indicator for survival through potentially influencing the infiltration levels of immune cells in neuroblastoma. 10,
- 263 Construction of a Pyroptosis-Related Genes Signature to Improve the Prognostic Prediction and Therapeutic Drugs Selection in Patients with Pancreatic Cancer. Volume 15, 6387-6403 0
- 262 Multiple roles of apolipoprotein B mRNA editing enzyme catalytic subunit 3B (APOBEC3B) in human tumors: a pan-cancer analysis. **2022**, 23, 1
- 261 Fatty acid desaturase 1 (FADS1) is a cancer marker for patient survival and a potential novel target for precision cancer treatment. 12, 0
- 260 The comprehensive expression and functional analysis of m6A modification Readers in hepatocellular carcinoma. **2022**, 14, 6269-6298 0
- 259 Transcriptomic Immune Profiles Can Represent the Tumor Immune Microenvironment Related to the Tumor Budding Histology in Uterine Cervical Cancer. **2022**, 13, 1405 1
- 258 Deconvolution of tumor composition using partially available DNA methylation data. **2022**, 23, 0
- 257 Prognostic and immunological role of cuproptosis-related protein FDX1 in pan-cancer. 13, 0
- 256 Intestinal microbiota modulates pancreatic carcinogenesis through intratumoral natural killer cells. **2022**, 14, 0
- 255 SIRGs score may be a predictor of prognosis and immunotherapy response for esophagogastric junction adenocarcinoma. 13, 0
- 254 High expression of nectin-1 indicates a poor prognosis and promotes metastasis in hepatocellular carcinoma. 12, 1
- 253 NcRNA-mediated upregulation of CAMK2N1 is associated with poor prognosis and tumor immune infiltration of gastric cancer. 13, 0

252	Cuproptosis-related gene index: A predictor for pancreatic cancer prognosis, immunotherapy efficacy, and chemosensitivity. 13,	1
251	Spatial intra-tumor heterogeneity is associated with survival of lung adenocarcinoma patients. <b>2022</b> , 2, 100165	0
250	KLHL14: A Novel Prognostic Biomarker and Therapeutic Target for Ovarian Cancer. <b>2022</b> , 2022, 1-12	
249	Integrated multi-omics analyses reveal that BCAM is associated with epigenetic modification and tumor microenvironment subtypes of clear cell renal cell carcinoma. <b>2022</b> , 14,	0
248	BET inhibition triggers antitumor immunity by enhancing MHC class I expression in head and neck squamous cell carcinoma. <b>2022</b> ,	0
247	Identification of prognostic gene expression signatures based on the tumor microenvironment characterization of gastric cancer. 13,	
246	CNPY4 is a potential promising prognostic-related biomarker and correlated with immune infiltrates in gliomas. <b>2022</b> , 101, e30044	
245	Comprehensive analysis of the potential cuproptosis-related biomarker LIAS that regulates prognosis and immunotherapy of pan-cancers. 12,	2
244	Comprehensive bioinformatic analysis of MMP1 in hepatocellular carcinoma and establishment of relevant prognostic model. <b>2022</b> , 12,	0
243	The Expression and Role of Tubulin Polymerization-Promoting Protein 3 in Oral Squamous Cell Carcinoma. <b>2022</b> , 105519	
242	Tumor infiltrating lymphocytes (TILs) as a predictive biomarker of response to checkpoint blockers in solid tumors: A systematic review. <b>2022</b> , 177, 103773	2
241	A Naive Bayes model on lung adenocarcinoma projection based on tumor microenvironment and weighted gene co-expression network analysis. <b>2022</b> , 7, 498-509	
240	Calcipotriol, a synthetic Vitamin D analog, promotes antitumor immunity via CD4+T-dependent CTL/NK cell activation. <b>2022</b> , 154, 113553	0
239	Fucosyltransferase 4 Predicts Patient Outcome in Rectal Cancer through an Immune Microenvironment-Mediated Multi-Mechanism. <b>2022</b> , 2022, 1-38	0
238	Mitochondrial Aldehyde Dehydrogenase 2 Represents a Potential Biomarker of Biochemical Recurrence in Prostate Cancer Patients. <b>2022</b> , 27, 6000	0
237	Bioinformatics Analysis and Structure of Gastric Cancer Prognosis Model Based on Lipid Metabolism and Immune Microenvironment. <b>2022</b> , 13, 1581	0
236	Identifying LATS2 as a prognostic biomarker relevant to immune infiltrates in human esophageal squamous cell carcinoma. 13,	0
235	TRIM proteins in hepatocellular carcinoma. <b>2022</b> , 29,	0

- 234 MSR1 characterized by chromatin accessibility mediates M2 macrophage polarization to promote gastric cancer progression. **2022**, 112, 109217 ○
- 233 In silico prediction of COVID-19 cytokine storm in lung cancer types. **2022**, 32, 101350 ○
- 232 Identification of an endogenous retroviral signature to predict anti-PD1 response in advanced clear cell renal cell carcinoma: an integrated analysis of three clinical trials. **2022**, 14, 175883592211261 ○
- 231 GRHL2 Expression Functions in Breast Cancer Aggressiveness and Could Serve as Prognostic and Diagnostic Biomarker for Breast Cancer. **2022**, 16, 117955492211095 ○
- 230 In silico and in vivo analysis of TIPE1 expression in diffuse large B cell lymphoma. **2022**, 17, 1030-1037 ○
- 229 Integrated analysis and validation reveal ACAP1 as a novel prognostic biomarker associated with tumor immunity in lung adenocarcinoma. **2022**, 20, 4390-4401 ○
- 228 Optimal Treatments for NSCLC Patients Harboring Primary or Acquired MET Amplification. **2022**, 21, 153303382211284 ○
- 227 Characterization of tumor immune microenvironment and cancer therapy for head and neck squamous cell carcinoma through identification of a genomic instability-related lncRNA prognostic signature. 13, 2
- 226 Co-amplified with PDGFRA , IGFBP7 is a prognostic biomarker correlated with the immune infiltrations of glioma. ○
- 225 MS4A6A is a new prognostic biomarker produced by macrophages in glioma patients. 13, ○
- 224 Cell Division Cycle-Associated Protein 3 (CDCA3) Is a Potential Biomarker for Clinical Prognosis and Immunotherapy in Pan-Cancer. **2022**, 2022, 1-28 ○
- 223 The Relationship between the Prognostic Marker LIMA1 in Head and Neck Squamous Cell Carcinoma and Immune Infiltration. **2022**, 2022, 1-14 ○
- 222 Immune Infiltration-Related ceRNA Network Revealing Potential Biomarkers for Prognosis of Head and Neck Squamous Cell Carcinoma. **2022**, 2022, 1-13 ○
- 221 The Prognostic Role of Cuproptosis in Head and Neck Squamous Cell Carcinoma Patients: A Comprehensive Analysis. **2022**, 2022, 1-32 ○
- 220 Nucleophosmin 1 is a prognostic marker of gastrointestinal cancer and is associated with m6A and cuproptosis. 13, 1
- 219 Pan-cancer analysis of prognostic and immunological role of DTYMK in human tumors. 13, ○
- 218 Identification of prognostic indicators, diagnostic markers, and possible therapeutic targets among LIM homeobox transcription factors in breast cancer. ○
- 217 Comprehensive analysis about prognostic and immunological role of WTAP in pan-cancer. 13, ○

216	SLC7A1 Overexpression Is Involved in Energy Metabolism Reprogramming to Induce Tumor Progression in Epithelial Ovarian Cancer and Is Associated with Immune-Infiltrating Cells. <b>2022</b> , 2022, 1-21	1
215	Diagnostic, Prognostic, and Immunological Roles of CD177 in Cervical Cancer.	0
214	Comparison of the tumor immune microenvironment phenotypes in different breast cancers after neoadjuvant therapy.	0
213	Immunogenic cell death related risk model to delineate ferroptosis pathway and predict immunotherapy response of patients with GBM. 13,	0
212	Development of a prognostic prediction model based on a combined multi-omics analysis of head and neck squamous cell carcinoma cell pyroptosis-related genes. 13,	0
211	Combined Evaluation of mRNA and Protein Expression, Promoter Methylation, and Immune Infiltration of UBE2I in Pan-Digestive System Tumors. <b>2022</b> , 2022, 1-20	0
210	The expression and methylation of PITX genes is associated with the prognosis of head and neck squamous cell carcinoma. 13,	1
209	A pan-cancer analysis of the expression of STAT family genes in tumors and their relationship to the tumor microenvironment. 12,	0
208	Matrix metalloproteinase 1 is a poor prognostic biomarker for patients with hepatocellular carcinoma.	0
207	Computational Biology Predicts the Efficacy of Tumor Immune Checkpoint Blockade. <b>2022</b> , 2022, 1-9	0
206	Development of immunotherapy for high-grade gliomas: Overcoming the immunosuppressive tumor microenvironment. 9,	0
205	Expression Analysis of Ligand-Receptor Pairs Identifies Cell-to-Cell Crosstalk between Macrophages and Tumor Cells in Lung Adenocarcinoma. <b>2022</b> , 2022, 1-15	1
204	A Pan-Cancer Analysis of the Oncogenic Roles of RAD51 in Human Tumors. <b>2022</b> , 2022, 1-28	0
203	Current and promising treatment strategies in glioma. <b>2022</b> ,	0
202	Multi-omics data integration for hepatocellular carcinoma subtyping with multi-kernel learning. 13,	0
201	Glioblastoma microenvironment and its reprogramming by oncolytic virotherapy. 16,	0
200	Low Complement Factor H-Related 3 (CFHR3) Expression Indicates Poor Prognosis and Immune Regulation in Cholangiocarcinoma. <b>2022</b> , 2022, 1-14	0
199	APOBEC3B and CD274 as Combined Biomarkers for Predicting Response to Immunotherapy in Urothelial Carcinoma of the Bladder. <b>2022</b> , 2022, 1-12	0

- 198 Analysis of Differentially Expressed Genes, MMP3 and TESC, and Their Potential Value in Molecular Pathways in Colon Adenocarcinoma: A Bioinformatics Approach. **2022**, 2, 474-491 ○
- 197 A pan-cancer bioinformatic analysis of the carcinogenic role of SMARCA1 in human carcinomas. **2022**, 17, e0274823 ○
- 196 Establishment, immunological analysis, and drug prediction of a prognostic signature of ovarian cancer related to histone acetylation. 13, ○
- 195 Neddylation pattern indicates tumor microenvironment characterization and predicts prognosis in lung adenocarcinoma. 10, ○
- 194 Cuproptosis regulator-mediated patterns associated with immune infiltration features and construction of cuproptosis-related signatures to guide immunotherapy. 13, ○
- 193 Cuproptosis-Related Genes: Predicting Prognosis and Immunotherapy Sensitivity in Pancreatic Cancer Patients. **2022**, 2022, 1-15 1
- 192 A Bioinformatic Approach to Enhance Undergraduate Student Understanding of the Cancer-Immunity Cycle. ○
- 191 Pan-cancer analysis of ARMCX genes identifies ARMCX1 as a novel suppressor gene for pancreatic carcinoma. ○
- 190 Dysregulation of SNHG16(lncRNA)-hsa-let-7b-5p(miRNA)-TUBB4A(mRNA) pathway fuels progression of Skin Cutaneous Melanoma. **2022**, 23, ○
- 189 Identification of tumor microenvironment-related signature for predicting prognosis and immunotherapy response in patients with bladder cancer. 13, ○
- 188 The Prognostic Value and Immunological Role of CD44 in Pan-Cancer Study. ○
- 187 Bibliometric analysis of research on immunogenic cell death in cancer. 13, ○
- 186 Leucine zipper protein 2 serves as a prognostic biomarker for prostate cancer correlating with immune infiltration and epigenetic regulation. **2022**, 8, e10750 ○
- 185 Immune activation is essential for the antitumor activity of EZH2 inhibition in urothelial carcinoma. **2022**, 8, ○
- 184 Recognition of driver genes with potential prognostic implications in lung adenocarcinoma based on H3K79me2. **2022**, ○
- 183 Cuproptosis-related immune checkpoint gene signature: Prediction of prognosis and immune response for hepatocellular carcinoma. 13, ○
- 182 Histone methylation antagonism drives tumor immune evasion in squamous cell carcinomas. **2022**, ○
- 181 6-phosphofructo-2-kinase is a potential prognostic gene in gastric cancer and associated with immune infiltration. ○



- 180 Lower expression of NINJ1 (Ninjurin 1), a mediator of plasma membrane rupture, is associated with advanced disease and worse prognosis in serous ovarian cancer. ○
- 179 Identification of LAT/ZAP70 characterized immune subtypes of prostate cancer. ○
- 178 ncRNAs-mediated high expression of TICRR promotes tumor cell proliferation and migration and is correlated with poor prognosis and tumor immune infiltration of hepatocellular carcinoma. **2022**, 30, 80-94 ○
- 177 Development and validation of immune-related genomics nomogram for prognostic prediction in left- and right-side colorectal cancer. ○
- 176 Development and validation of prognostic models for colon adenocarcinoma based on combined immune-and metabolism-related genes. 12, ○
- 175 Prognostic Signature GXYLT2 Is Correlated with Immune Infiltration in Bladder Cancer. **2022**, 2022, 1-14 ○
- 174 Decreased Tertiary Lymphoid Structures in Lung Adenocarcinomas with ALK Rearrangements. **2022**, 11, 5935 ○
- 173 Comprehensive analysis of prognostic significance of cadherin (CDH) gene family in breast cancer. **2022**, 8498-8567 ○
- 172 Development and validation of Cellular Senescence-Related Gene Signature for predicting the survival and immunotherapeutic responses in Skin Cutaneous Melanoma. ○
- 171 Calreticulin as a prognostic biomarker and correlated with immune infiltrate in kidney renal clear cell carcinoma. 13, ○
- 170 Integrative transcriptome analysis reveals TEKT2 and PIAS2 involvement in diabetic nephropathy. **2022**, 36, ○
- 169 Interplay between Immune Cell Infiltration and Tumor Histological Subtype: A Case of Adrenocortical Cancer. **2022**, 14, 5303 ○
- 168 H2B gene family: A prognostic biomarker and correlates with immune infiltration in glioma. 12, 1
- 167 High expression COL10A1 promotes breast cancer progression and predicts poor prognosis. **2022**, 8, e11083 ○
- 166 FDCSP Is an Immune-Associated Prognostic Biomarker in HPV-Positive Head and Neck Squamous Carcinoma. **2022**, 12, 1458 ○
- 165 Identification of novel a chromatin regulator signature predicting overall survival for breast cancer. ○
- 164 ECE2 is a prognostic biomarker associated with m6A modification and involved in immune infiltration of lung adenocarcinoma. 13, ○
- 163 GNAI2 Is a Risk Factor for Gastric Cancer: Study of Tumor Microenvironment (TME) and Establishment of Immune Risk Score (IRS). **2022**, 2022, 1-35 1

162	Multi-omics characterization of autophagy-related molecular features for therapeutic targeting of autophagy. <b>2022</b> , 13,	2
161	Identification and verification of a 4-gene signature predicting the overall survival of cervical cancer. <b>2022</b> , 101, e31299	0
160	Tumor microenvironment: barrier or opportunity towards effective cancer therapy. <b>2022</b> , 29,	0
159	ZNF521 Is Correlated with Tumor Immune Cell Infiltration and Act as a Valuable Prognostic Biomarker in Gastric Cancer. <b>2022</b> , 2022, 1-11	0
158	A systems biology approach for investigating significantly expressed genes among COVID-19, hepatocellular carcinoma, and chronic hepatitis B. <b>2022</b> , 23,	0
157	High expression of MARVELD3 as a potential prognostic biomarker for oral squamous cell carcinoma. 13,	0
156	BEST: a web application for comprehensive biomarker exploration on large-scale data in solid tumors.	0
155	The Prognostic Significance of FKBP1A and Its Related Immune Infiltration in Liver Hepatocellular Carcinoma. <b>2022</b> , 23, 12797	0
154	STING pathway contributes to the prognosis of hepatocellular carcinoma and identification of prognostic gene signatures correlated to tumor microenvironment. <b>2022</b> , 22,	0
153	Hippo signaling pathway regulates cancer cell-intrinsic MHC-II expression.	1
152	NFKBIE Is a Predictive Factor of Survival and Is Correlated With Immune Infiltration, Antigen Processing, And Presentation In Hepatocellular Carcinoma.	0
151	CD79A Work as a Potential Target For The Prognosis of Patients With HNSCC: Analysis of Immune Cell Infiltration In Head and Neck Squamous Cell Carcinoma Based on The CIBERSORTx Deconvolution Algorithm.	0
150	Knockdown of TTC9 inhibits the proliferation, migration and invasion, but induces the apoptosis of lung adenocarcinoma cells. <b>2022</b> , 8, e11254	0
149	Prognosis prediction and tumor immune microenvironment characterization based on tryptophan metabolism-related genes signature in brain glioma. 13,	0
148	Enhancer decommissioning by MLL4 ablation elicits dsRNA-interferon signaling and GSDMD-mediated pyroptosis to potentiate anti-tumor immunity. <b>2022</b> , 13,	1
147	Prognostic and immunological role of FCER1G in pan-cancer. <b>2022</b> , 240, 154174	0
146	PAMR1 is a favorable diagnostic and prognostic biomarker in hepatocellular carcinoma.	0
145	Role of the membrane spanning 4A (MS4A) gene family in lung adenocarcinoma.	0

144	Correlation between the expression of LAT1 in cancer cells and the potential efficacy of boron neutron capture therapy.	0
143	Integrative and Comprehensive Pan-Cancer Analysis of Lymphocyte-Specific Protein Tyrosine Kinase in Human Tumors. <b>2022</b> , 23, 13998	0
142	Macrophage-Specific Cathepsin as a Marker Correlated with Prognosis and Tumor Microenvironmental Characteristics of Clear Cell Renal Cell Carcinoma. Volume 15, 6275-6292	0
141	Circadian rhythm-related factors of PER and CRY family genes function as novel therapeutic targets and prognostic biomarkers in lung adenocarcinoma.	0
140	Overexpression of Pleckstrin Homology Domain-Containing Family A Member 4 Is Correlated with Poor Prognostic Outcomes and Immune Infiltration in Lower-Grade Glioma. <b>2022</b> , 2022, 1-15	0
139	Synaptophysin-like 2 expression correlates with lymph node metastasis and poor prognosis in colorectal cancer patients. 14, 2122-2137	0
138	Immunogenic cell death-related classifications in breast cancer identify precise immunotherapy biomarkers and enable prognostic stratification. 13,	0
137	TOP2A and PPARGC1A differentiate chromatin regulator-related subtypes for prostate cancer patients undergoing radical prostatectomy.	0
136	Assessment of RACGAP1 as a Prognostic and Immunological Biomarker in Multiple Human Tumors: A Multiomics Analysis. <b>2022</b> , 23, 14102	1
135	Screening for Lipid-Metabolism-Related Genes and Identifying the Diagnostic Potential of ANGPTL6 for HBV-Related Early-Stage Hepatocellular Carcinoma. <b>2022</b> , 12, 1700	0
134	Comprehensive Analysis of PHGDH for Predicting Prognosis and Immunotherapy Response in Patients with Endometrial Carcinoma.	0
133	Toward Precision Radiotherapy: A Nonlinear Optimization Framework and an Accelerated Machine Learning Algorithm for the Deconvolution of Tumor-Infiltrating Immune Cells. <b>2022</b> , 11, 3604	0
132	Comprehensive Assessment of Secreted Immuno-Modulatory Cytokines by Serum-Differentiated and Stem-like Glioblastoma Cells Reveals Distinct Differences between Glioblastoma Phenotypes. <b>2022</b> , 23, 14164	0
131	A novel prognostic model for prostate cancer based on androgen biosynthetic and catabolic pathways. 12,	0
130	Diagnostic, prognostic, and immunological roles of CD177 in cervical cancer.	0
129	Influence of tumor cell-derived TGF- $\beta$ on macrophage phenotype and macrophage-mediated tumor cell invasion. <b>2022</b> , 153, 106330	1
128	Neopeptides prediction strategies: an integration of cancer genomics and immunoinformatics approaches.	0
127	GBMdeconvoluteR accurately infers proportions of neoplastic and immune cell populations from bulk glioblastoma transcriptomics data.	0

126	Estimation of Tumor Immune Signatures from Transcriptomics Data. <b>2022</b> , 311-338	0
125	Detection of simple proteins by direct surface-enhanced Raman scattering based on the Hofmeister ion-specific effect. <b>2023</b> , 289, 122235	0
124	Role of macrophages in cancer progression and targeted immunotherapies. <b>2022</b> ,	0
123	STAT1 Regulates the Expression of MHC-I Class Molecules in Ovarian Cancer. <b>2022</b> ,	0
122	Identification and Validation of UPF1 as a Novel Prognostic Biomarker in Renal Clear Cell Carcinoma. <b>2022</b> , 13, 2166	0
121	Pan-cancer analyses reveal multi-omics and clinical characteristics of RIO kinase 2 in cancer. 10,	0
120	Molecular subtypes and a prognostic model for hepatocellular carcinoma based on immune- and immunogenic cell death-related lncRNAs. 13,	0
119	Comprehensive analysis of the differences between left- and right-side colorectal cancer and respective prognostic prediction. <b>2022</b> , 22,	0
118	HSPA8 Is a New Biomarker of Triple Negative Breast Cancer Related to Prognosis and Immune Infiltration. <b>2022</b> , 2022, 1-27	1
117	Screening of Hub Genes in Hepatocellular Carcinoma Based on Network Analysis and Machine Learning. <b>2022</b> , 2022, 1-32	0
116	Encouraging probiotics for the prevention and treatment of immune-related adverse events in novel immunotherapies against malignant glioma. 817-827	1
115	The Expression Pattern of Adhesion G Protein-Coupled Receptor F5 Is Related to Cell Adhesion and Metastatic Pathways in Colorectal Cancer Comprehensive Study Based on In Silico Analysis. <b>2022</b> , 11, 3876	0
114	Identification of S1PR4 as an immune modulator for favorable prognosis in HNSCC through unbiased machine learning.	0
113	Reversing the PAI-1-induced fibrotic immune exclusion of solid tumor by multivalent CXCR4 antagonistic nano-permeator. <b>2022</b> ,	0
112	Investigation of the Potential Correlation Between RNA-Binding Proteins in the Evolutionarily Conserved MEX3 Family and Non-small-Cell Lung Cancer.	0
111	Bioinformatics analyses for the identification of tumor antigens and immune subtypes of gastric adenocarcinoma. 13,	0
110	Change in Cytokine Profiles Released by Mast Cells Mediated by Lung Cancer-derived Exosome Activation Potentiate Cancer-associated Thrombosis.	0
109	A pan-cancer analysis of charged ubiquitin-specific protease 14's carcinogenic effects.	0

- 108 Inferencing Bulk Tumor and Single-Cell Multi-Omics Regulatory Networks for Discovery of Biomarkers and Therapeutic Targets. **2023**, 12, 101 ○
- 107 Discovery and Validation of a SIT1-Related Prognostic Signature Associated with Immune Infiltration in Cutaneous Melanoma. **2023**, 13, 13 ○
- 106 Multi-omics characteristics and immunotherapeutic potential of EZH2 in pan-cancer. ○
- 105 SPI1 is a prognostic biomarker of immune infiltration and immunotherapy efficacy in clear cell renal cell carcinoma. **2022**, 13, ○
- 104 Construction of a peptidase gene-based prognostic prediction model for esophageal carcinoma and identification of IMMP1L as a potential tumor biomarker. ○
- 103 Comprehensive analysis of prognostic value, relationship to cell cycle, immune infiltration and m6A modification of ZSCAN20 in hepatocellular carcinoma. ○
- 102 Overexpression of SMS in the tumor microenvironment is associated with immunosuppression in hepatocellular carcinoma. 13, ○
- 101 A Systematic Analysis of the Role of Unc-5 Netrin Receptor A (UNC5A) in Human Cancers. **2022**, 12, 1826 ○
- 100 An immune infiltration-related long non-coding RNAs signature predicts prognosis for hepatocellular carcinoma. 13, ○
- 99 Personalized immune subtypes based on machine learning predict response to checkpoint blockade in gastric cancer. ○
- 98 Divulging a Pleiotropic Role of Succinate Receptor SUCNR1 in Renal Cell Carcinoma Microenvironment. **2022**, 14, 6064 ○
- 97 Study and comparison of prognostic characteristics of lung adenocarcinoma based on tumor microenvironment gene set. ○
- 96 A novel 9-gene signature for the prediction of postoperative recurrence in stage II/III colorectal cancer. 13, ○
- 95 Dysfunctional epigenetic protein-coding gene-related signature is associated with the prognosis of pancreatic cancer based on histone modification and transcriptome analysis. **2023**, 13, ○
- 94 Integrated bioinformatical and in vitro study on drug targets for liver cirrhosis based on unsupervised consensus clustering and immune cell infiltration. 13, ○
- 93 Construction of an original anoikis-related prognostic model closely related to immune infiltration in gastric cancer. 13, ○
- 92 PLEKHA4 Is a Prognostic Biomarker and Correlated with Immune Infiltrates in Glioma. **2023**, 2023, 1-21 ○
- 91 Clinical and immunological characteristics of TGM3 in pan-cancer: A potential prognostic biomarker. 13, ○

- 90 Association of KMT2C /D loss-of-function variants with response to immune checkpoint blockades in colorectal cancer. ○
- 89 Correlation between prognostic indicator FGFR1 and immune infiltrates in non-small cell lung cancer. ○
- 88 Identification of potential crucial genes associated with breast cancer using bioinformatics analysis and experimental verification. ○
- 87 Identification of hub genes in liver hepatocellular carcinoma based on weighted gene co-expression network analysis. ○
- 86 Identification of the ageing-related prognostic gene signature, and the associated regulation axis in skin cutaneous melanoma. **2023**, 13, ○
- 85 Lower SLC7A2 expression is associated with enhanced multidrug resistance, less immune infiltrates and worse prognosis of NSCLC. **2023**, 21, ○
- 84 The role of histone methylase and demethylase in antitumor immunity: A new direction for immunotherapy. 13, ○
- 83 Predicting Microenvironment in CXCR4- and FAP-Positive Solid Tumors: A Pan-Cancer Machine Learning Workflow for Theranostic Target Structures. **2023**, 15, 392 ○
- 82 X Or Y Cancer: An Extensive Analysis of Sex Differences in Lung Adenocarcinoma. **2023**, 30, 1395-1415 ○
- 81 HMMR potential as a diagnostic and prognostic biomarker of cancer: speculation based on a pan-cancer analysis. 9, ○
- 80 Machine learning and single-cell sequencing reveal the potential regulatory factors of mitochondrial autophagy in the progression of gastric cancer. ○
- 79 Multiplex immunofluorescence and single-cell transcriptomic profiling reveal the spatial cell interaction networks in the non-small cell lung cancer microenvironment. **2023**, 13, ○
- 78 Identification of prognostic genes signature and construction of ceRNA network in pirarubicin treatment of triple-negative breast cancer. ○
- 77 Tumor-infiltrating lymphocyte: features and prognosis of lymphocytes infiltration on colorectal cancer. **2022**, 13, 14872-14888 ○
- 76 PPP2R2D Suppresses Effector T Cell Exhaustion and Regulatory T Cell Expansion and Inhibits Tumor Growth in Melanoma. **2022**, 209, 621-628 ○
- 75 TMEM88 is a protective gene in HCC and has the function of promotes immune escape. ○
- 74 Coiled-Coil Domain-Containing Protein 45 Is a Potential Prognostic Biomarker and Is Associated with Immune Cell Enrichment of Hepatocellular Carcinoma. **2022**, 2022, 1-22 ○
- 73 The Cancer-Associated Fibroblasts-Related Gene COMP Is a Novel Predictor for Prognosis and Immunotherapy Efficacy and Is Correlated with M2 Macrophage Infiltration in Colon Cancer. **2023**, 13, 62 ○

- 72 Identification of the expression, prognostic value and cancer immunity of Gasdermin E based on multi-omics data, machine learning and gene ontology. **2022**, ○
- 71 Radiogenomic association of deep MR imaging features with genomic profiles and clinical characteristics in breast cancer. **2023**, 11, ○
- 70 Multivariate Curve Resolution for Analysis of Heterogeneous System in Toxicogenomics. **2023**, 375-403 ○
- 69 Bioinformatics reveal elevated levels of Myosin Vb in uterine corpus endometrial carcinoma patients which correlates to increased cell metabolism and poor prognosis. **2023**, 18, e0280428 ○
- 68 Pan-cancer onco-signatures reveal a novel mitochondrial subtype of luminal breast cancer with specific regulators. **2023**, 21, ○
- 67 The Potential Role of RNA Writer TRMT61B in the Immune Regulation of Breast Cancer. **2023**, 32-44 ○
- 66 Identification of fatty acid metabolism-based molecular subtypes and prognostic signature to predict immune landscape and guide clinical drug treatment in renal clear cell carcinoma. **2023**, 116, 109735 ○
- 65 Identifying TME signatures for cervical cancer prognosis based on GEO and TCGA databases. **2023**, 9, e15096 ○
- 64 Multimodal immunogenomic biomarker analysis of tumors from pediatric patients enrolled to a phase 1-2 study of single-agent atezolizumab. ○
- 63 SMG7-AS1 as a prognostic biomarker and predictor of immunotherapy responses for skin cutaneous melanoma. **2023**, 115, 110614 ○
- 62 Competitive endogenous RNA-mediated upregulation of PLOD2 expression correlates with poor prognosis and tumor immune infiltration of head and neck squamous cell carcinoma. **2023**, 6, 100026 ○
- 61 Tregs are involved in VEGFA/ VASH1-related angiogenesis pathway in ovarian cancer. **2023**, 32, 101665 ○
- 60 Immune clustering reveals molecularly distinct subtypes of lung adenocarcinoma. ○
- 59 M2 macrophages drive leukemic transformation by imposing resistance to phagocytosis and improving mitochondrial metabolism. **2023**, 9, ○
- 58 Syndecan-1 as an immunogene in Triple-negative breast cancer: regulation tumor-infiltrating lymphocyte in the tumor microenvironment and EMT by TGFb1/Smad pathway. **2023**, 23, ○
- 57 Identification and validation of a five-gene prognostic signature based on bioinformatics analyses in breast cancer. **2023**, 9, e13185 ○
- 56 Potential clinical use of azacitidine and MEK inhibitor combination therapy in PTPN11-mutated juvenile myelomonocytic leukemia. **2023**, 31, 986-1001 ○
- 55 Retrospective analysis of prognosis of tumor patients co-infected with COVID-19. ○

- 54 Mathematically mapping the network of cells in the tumor microenvironment. ○
- 53 Preclinical-to-clinical Anti-cancer Drug Response Prediction and Biomarker Identification Using TINDL. **2023**, ○
- 52 Identification of HOXB9 to predict prognosis of endometrial cancer based on comprehensive bioinformatics analysis. **2023**, 28, ○
- 51 Pan-cancer transcriptomic analysis identified six classes of immunosenescence genes revealed molecular links between aging, immune system and cancer. **2023**, 24, 81-91 ○
- 50 Comprehensive analysis of cuproptosis-related prognostic gene signature and tumor immune microenvironment in HCC. 14, ○
- 49 Comprehensive analysis of PHGDH for predicting prognosis and immunotherapy response in patients with endometrial carcinoma. **2023**, 16, ○
- 48 Understanding the role of adipokines and adipogenesis family in hepatocellular carcinoma. **2023**, 24, ○
- 47 Comprehensive Analysis of the Expression, Prognosis, and Biological Significance of PLOD Family in Bladder Cancer. Volume 16, 707-722 ○
- 46 Comprehensive analysis of the prognosis of S100 family members and their relationship with tumor-infiltrating immune cells in human pancreatic adenocarcinoma. **2023**, 102, e32976 ○
- 45 A large-scale screening and functional sorting of tumour microenvironment prognostic genes for breast cancer patients. 14, ○
- 44 ACER2 forms a cold tumor microenvironment and predicts the molecular subtype in bladder cancer: Results from real-world cohorts. 14, ○
- 43 Bioinformatics analysis of SH2D4A in Glioblastoma Multiforme to evaluate immune features and predict prognosis. ○
- 42 Characterization of prognostic value and immunological roles of RAB22A in hepatocellular carcinoma. 14, ○
- 41 Role and mechanism of PIM family in the immune microenvironment of diffuse large B cell lymphoma. **2023**, 21, ○
- 40 High expression of PCOLCE gene indicate poor prognosis in patients and are associated with immune infiltration in glioma. **2023**, 13, ○
- 39 Overexpression of CHAF1A is associated with poor prognosis, tumor immunosuppressive microenvironment and treatment resistance. 14, ○
- 38 Identification of GZMA as a Potential Therapeutic Target Involved in Immune Infiltration in Breast Cancer by Integrated Bioinformatical Analysis. Volume 15, 213-226 ○
- 37 Integrated multi-omics data reveals the molecular subtypes and the construction of novel signature to aid Immunotherapy. ○



- 36 Interpretable and context-free deconvolution of multi-scale whole transcriptomic data with UniCell deconvolve. **2023**, 14, ○
- 35 Ginsenosides, potential TMPRSS2 inhibitors, a trade-off between the therapeutic combination for anti-PD-1 immunotherapy and the treatment of COVID-19 infection of LUAD patients. 14, ○
- 34 Fibrinogen-like protein 1 promotes liver-resident memory T-cell exhaustion in hepatocellular carcinoma. 14, ○
- 33 Overexpression of SEZ6L2 Is associated with unfavourable prognosis and Immune infiltrates in breast cancer. ○
- 32 Integrated multi-omics approach to distinct molecular characterization and classification of early-onset colorectal cancer. **2023**, 4, 100974 ○
- 31 PD-1/LAG-3 Dysfunctionality Signatures in Human Cancers. ○
- 30 Pan-Cancer analysis and experimental validation identify the oncogenic nature of ESPL1: Potential therapeutic target in colorectal cancer. 14, ○
- 29 Comprehensive analysis, immune, and cordycepin regulation for SOX9 expression in pan-cancers and the matched healthy tissues. 14, ○
- 28 CRNDE, an enhancer RNA of prognostic value in glioma, correlates with immune infiltration: A pan-cancer analysis. **2023**, 21, 1721727X2211380 ○
- 27 A pan-cancer analysis reveals CHD1L as a prognostic and immunological biomarker in several human cancers. 10, ○
- 26 Nucleoporin 107 is a prognostic biomarker in hepatocellular carcinoma associated with immune infiltration. ○
- 25 Prioritizing exhausted T cell marker genes highlights immune subtypes in pan-cancer. **2023**, 26, 106484 ○
- 24 Multi-omics and experimental analysis unveil theragnostic value and immunological roles of inner membrane mitochondrial protein (IMMT) in breast cancer. **2023**, 21, ○
- 23 ncRNAs-mediated overexpression of STIL predict unfavorable prognosis and correlated with the efficacy of immunotherapy of hepatocellular carcinoma. **2023**, 23, ○
- 22 Development of a Tumour Metabolism and Immune Microenvironment-Based Prognostic Model for Prognosis and Anti-Cancer Drug Response in Lung Adenocarcinoma. ○
- 21 Systematic pan-cancer analysis identifies transmembrane protein 158 as a potential therapeutic, prognostic and immunological biomarker. **2023**, 23, ○
- 20 CD248 promotes migration and metastasis of osteosarcoma through ITGB1-mediated FAK-paxillin pathway activation. **2023**, 23, ○
- 19 PIK3C2A is a prognostic biomarker that is linked to immune infiltrates in kidney renal clear cell carcinoma. 14, ○

- 18 Multiple bioinformatics analysis identifies IGFBP1 as associated with the prognosis of stomach adenocarcinoma. **2023**, 102, e33346 ○
- 17 Anchoring Filament Protein Ladinin-1 is an Immunosuppressive Microenvironment and Cold Tumor Correlated Prognosticator in Lung Adenocarcinoma. ○
- 16 Integrated multi-omics analyses and experimental validation reveal the clinical and biological significances of APBB1IP in Colon Cancer. ○
- 15 Prognostic value and immune-infiltration pattern of FOXD3-AS1 in patients with glioma. 14, ○
- 14 C4orf47 is a Novel Prognostic Biomarker and Correlates with Infiltrating Immune Cells in Hepatocellular Carcinoma. **2023**, 29, 11-25 ○
- 13 The prognostic value and biological functions of HFM1 in breast cancer. ○
- 12 GEGVIC: A workflow to analyze Gene Expression, Genetic Variations and Immune cell Composition of tumor samples using Next Generation Sequencing data. ○
- 11 Systematic pan-cancer analysis identifies SLC31A1 as a biomarker in multiple tumor types. **2023**, 16, ○
- 10 Standardization and Interpretation of RNA-sequencing for Transplantation. Publish Ahead of Print, ○
- 9 Identification and Validation of m7G-Related Prognostic Signatures and Associated Regulatory Axis in Head and Neck Squamous Cell Carcinoma. ○
- 8 ER-localized JmjC domain-containing protein JMJD8 targets STING to promote immune evasion and tumor growth in breast cancer. **2023**, ○
- 7 Identification of basement membrane-related prognostic signature for predicting prognosis, immune response and potential drug prediction in papillary renal cell carcinoma. **2023**, 20, 10694-10724 ○
- 6 Optimal combination of immune checkpoint and senescence molecule predicts adverse outcomes in patients with acute myeloid leukemia. **2023**, 55, ○
- 5 Prognostic Biomarker SLCO4A1 Is Correlated with Tumor Immune Infiltration in Colon Adenocarcinoma. **2023**, 2023, 1-13 ○
- 4 Information about immune cell proportions and tumor stage improves the prediction of recurrence in patients with colorectal cancer. **2023**, 100736 ○
- 3 Analysis of differential gene immune infiltration and clinical characteristics of skin cutaneous melanoma based on systems biology and drug repositioning methods to identify drug candidates for skin cutaneous melanoma. ○
- 2 Supervised Learning and Multi-Omics Integration Reveals Clinical Significance of Inner Membrane Mitochondrial Protein (IMMT) in Prognostic Prediction, Tumor Immune Microenvironment and Precision Medicine for Kidney Renal Clear Cell Carcinoma. **2023**, 24, 8807 ○
- 1 ACSL4 serves as a novel prognostic biomarker correlated with immune infiltration in Cholangiocarcinoma. **2023**, 23, ○

