

Ravindra Kolhe

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

2,812
citations

201674
27
h-index

214800
47
g-index

96
all docs

96
docs citations

96
times ranked

5009
citing authors

#	ARTICLE	IF	CITATIONS
1	Monocytic and granulocytic myeloid derived suppressor cells differentially regulate spatiotemporal tumour plasticity during metastatic cascade. <i>Nature Communications</i> , 2017, 8, 14979.	12.8	292
2	Gender-specific differential expression of exosomal miRNA in synovial fluid of patients with osteoarthritis. <i>Scientific Reports</i> , 2017, 7, 2029.	3.3	168
3	Combined Inhibition of DNMT and HDAC Blocks the Tumorigenicity of Cancer Stem-like Cells and Attenuates Mammary Tumor Growth. <i>Cancer Research</i> , 2016, 76, 3224-3235.	0.9	122
4	Advances in Adipose-Derived Stem Cells Isolation, Characterization, and Application in Regenerative Tissue Engineering. <i>Stem Cells International</i> , 2016, 2016, 1-9.	2.5	117
5	An essential role of Ffar2 (Gpr43) in dietary fibre-mediated promotion of healthy composition of gut microbiota and suppression of intestinal carcinogenesis. <i>Oncogenesis</i> , 2016, 5, e238-e238.	4.9	106
6	COVID-19 Virulence in Aged Patients Might Be Impacted by the Host Cellular MicroRNAs Abundance/Profile. , 2020, 11, 509.		100
7	Molecular and biologic characterization and drug sensitivity of pan-histone deacetylase inhibitor-resistant acute myeloid leukemia cells. <i>Blood</i> , 2008, 112, 2896-2905.	1.4	80
8	Epidemiology, Staging, and Management of Multiple Myeloma. <i>Medical Sciences (Basel, Switzerland)</i> , 2021, 9, 3.	2.9	79
9	Treatment with Panobinostat Induces Glucose-Regulated Protein 78 Acetylation and Endoplasmic Reticulum Stress in Breast Cancer Cells. <i>Molecular Cancer Therapeutics</i> , 2010, 9, 942-952.	4.1	76
10	Neurological consequences of COVID-19: what have we learned and where do we go from here?. <i>Journal of Neuroinflammation</i> , 2020, 17, 286.	7.2	71
11	Cotreatment with Vorinostat Enhances Activity of MK-0457 (VX-680) against Acute and Chronic Myelogenous Leukemia Cells. <i>Clinical Cancer Research</i> , 2008, 14, 6106-6115.	7.0	69
12	Stem Cell-Derived Exosomes: A Potential Alternative Therapeutic Agent in Orthopaedics. <i>Stem Cells International</i> , 2016, 2016, 1-6.	2.5	67
13	Sildenafil Suppresses Inflammation-Driven Colorectal Cancer in Mice. <i>Cancer Prevention Research</i> , 2017, 10, 377-388.	1.5	64
14	Therapeutic potential of mesenchymal stem cell based therapy for osteoarthritis. <i>Clinical and Translational Medicine</i> , 2016, 5, 27.	4.0	59
15	Gpr109a Limits Microbiota-Induced IL-23 Production To Constrain ILC3-Mediated Colonic Inflammation. <i>Journal of Immunology</i> , 2018, 200, 2905-2914.	0.8	57
16	Optical Genome Mapping as a Next-Generation Cytogenomic Tool for Detection of Structural and Copy Number Variations for Prenatal Genomic Analyses. <i>Genes</i> , 2021, 12, 398.	2.4	57
17	Next-Generation Sequencing (NGS) in COVID-19: A Tool for SARS-CoV-2 Diagnosis, Monitoring New Strains and Phylodynamic Modeling in Molecular Epidemiology. <i>Current Issues in Molecular Biology</i> , 2021, 43, 845-867.	2.4	57
18	The clinical relevance of gene expression based prognostic signatures in colorectal cancer. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2021, 1875, 188513.	7.4	56

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19	NAD(P)H Quinone Dehydrogenase 1 Ablation Inhibits Activation of the Phosphoinositide 3â€Kinase/Akt Serine/Threonine Kinase and Mitogenâ€Activated Protein Kinase/Extracellular Signalâ€Regulated Kinase Pathways and Blocks Metabolic Adaptation in Hepatocellular Carcinoma. <i>Hepatology</i> , 2020, 71, 549-568.	7.3	54
20	Cotreatment with BCL-2 antagonist sensitizes cutaneous T-cell lymphoma to lethal action of HDAC7-Nur77â€based mechanism. <i>Blood</i> , 2009, 113, 4038-4048.	1.4	50
21	Active integration: new strategies for transgenesis. <i>Transgenic Research</i> , 2007, 16, 333-339.	2.4	48
22	Identification and Clinical Validation of a Novel 4 Gene-Signature with Prognostic Utility in Colorectal Cancer. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3818.	4.1	48
23	Correlates of COVID-19 Vaccine Hesitancy among a Community Sample of African Americans Living in the Southern United States. <i>Vaccines</i> , 2021, 9, 879.	4.4	46
24	Immunogenomic Gene Signature of Cell-Death Associated Genes with Prognostic Implications in Lung Cancer. <i>Cancers</i> , 2021, 13, 155.	3.7	38
25	Canonical NFÎB signaling in myeloid cells is required for the glioblastoma growth. <i>Scientific Reports</i> , 2017, 7, 13754.	3.3	36
26	Advances in Molecular biomarker for early diagnosis of Osteoarthritis. <i>Biomolecular Concepts</i> , 2019, 10, 111-119.	2.2	34
27	Inhibition of the BTK-IDO-mTOR axis promotes differentiation of monocyte-lineage dendritic cells and enhances anti-tumor Tâ€cell immunity. <i>Immunity</i> , 2021, 54, 2354-2371.e8.	14.3	34
28	MicroRNAs-141 and 200a regulate the SVCT2 transporter in bone marrow stromal cells. <i>Molecular and Cellular Endocrinology</i> , 2015, 410, 19-26.	3.2	32
29	A novel immunohistochemical score to predict early mortality in acute myeloid leukemia patients based on indoleamine 2,3 dioxygenase expression. <i>Scientific Reports</i> , 2017, 7, 12892.	3.3	31
30	Promoter Methylation Modulates Indoleamine 2,3-Dioxygenase 1 Induction by Activated T Cells in Human Breast Cancers. <i>Cancer Immunology Research</i> , 2017, 5, 330-344.	3.4	28
31	Atf3 deficiency promotes genome instability and spontaneous tumorigenesis in mice. <i>Oncogene</i> , 2018, 37, 18-27.	5.9	28
32	MicroRNA-141-3p Negatively Modulates SDF-1 Expression in Age-Dependent Pathophysiology of Human and Murine Bone Marrow Stromal Cells. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 1368-1374.	3.6	28
33	Proposal of RT-PCRâ€Based Mass Population Screening for Severe Acute Respiratory Syndrome Coronavirus 2 (Coronavirus Disease 2019). <i>Journal of Molecular Diagnostics</i> , 2020, 22, 1294-1299.	2.8	27
34	The cell polarity protein Scrib functions as a tumor suppressor in liver cancer. <i>Oncotarget</i> , 2017, 8, 26515-26531.	1.8	27
35	Inhibitor of differentiation 1 transcription factor promotes metabolic reprogramming in hepatocellular carcinoma cells. <i>FASEB Journal</i> , 2016, 30, 262-275.	0.5	26
36	Assessing copy number aberrations and copy-neutral loss-of-heterozygosity across the genome as best practice: An evidence-based review from the Cancer Genomics Consortium (CGC) working group for chronic lymphocytic leukemia. <i>Cancer Genetics</i> , 2018, 228-229, 236-250.	0.4	26

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37	PARIS and SPARTA: Finding the Achillesâ€™ Heel of SARS-CoV-2. MSphere, 2022, 7, e0017922.	2.9	25
38	Deregulation of arginase induces bone complications in high-fat/high-sucrose diet diabetic mouse model. Molecular and Cellular Endocrinology, 2016, 422, 211-220.	3.2	24
39	Bone Marrow Derived Extracellular Vesicles Activate Osteoclast Differentiation in Traumatic Brain Injury Induced Bone Loss. Cells, 2019, 8, 63.	4.1	21
40	Modulation of miRNAs by Vitamin C in Human Bone Marrow Stromal Cells. Nutrients, 2018, 10, 186.	4.1	20
41	Sex-Specific Differences in Extracellular Vesicle Protein Cargo in Synovial Fluid of Patients with Osteoarthritis. Life, 2020, 10, 337.	2.4	20
42	The crucial role of vitamin C and its transporter (SVCT2) in bone marrow stromal cell autophagy and apoptosis. Stem Cell Research, 2015, 15, 312-321.	0.7	19
43	SalivaSTAT: Direct-PCR and Pooling of Saliva Samples Collected in Healthcare and Community Setting for SARS-CoV-2 Mass Surveillance. Diagnostics, 2021, 11, 904.	2.6	19
44	Prognostic and therapeutic implications of extracellular matrix associated gene signature in renal clear cell carcinoma. Scientific Reports, 2021, 11, 7561.	3.3	17
45	Natural Killer Cells and Dendritic Cells: Expanding Clinical Relevance in the Non-Small Cell Lung Cancer (NSCLC) Tumor Microenvironment. Cancers, 2021, 13, 4037.	3.7	16
46	Infection and Immune Memory: Variables in Robust Protection by Vaccines Against SARS-CoV-2. Frontiers in Immunology, 2021, 12, 660019.	4.8	15
47	Optical genome mapping identifies rare structural variations as predisposition factors associated with severe COVID-19. IScience, 2022, 25, 103760.	4.1	15
48	Accumulation of kynurenine elevates oxidative stress and alters microRNA profile in human bone marrow stromal cells. Experimental Gerontology, 2020, 130, 110800.	2.8	14
49	Clinical Validation of a Sensitive Test for Saliva Collected in Healthcare and Community Settings with Pooling Utility for Severe Acute Respiratory Syndrome Coronavirus 2 Mass Surveillance. Journal of Molecular Diagnostics, 2021, 23, 788-795.	2.8	14
50	TIMP-1-Mediated Chemoresistance via Induction of IL-6 in NSCLC. Cancers, 2019, 11, 1184.	3.7	13
51	TIMP-1 downregulation modulates miR-125a-5p expression and triggers the apoptotic pathway. Oncotarget, 2018, 9, 8941-8956.	1.8	13
52	Alteration in Nasopharyngeal Microbiota Profile in Aged Patients with COVID-19. Diagnostics, 2021, 11, 1622.	2.6	12
53	Clinical performance and utility of a comprehensive next-generation sequencing DNA panel for the simultaneous analysis of variants, TMB and MSI for myeloid neoplasms. PLoS ONE, 2020, 15, e0240976.	2.5	11
54	Infections of the lung: a predictive, preventive and personalized perspective through the lens of evolution, the emergence of SARS-CoV-2 and its pathogenesis. EPMA Journal, 2020, 11, 581-601.	6.1	11

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55	Isothermal amplification and fluorescent detection of SARS-CoV-2 and SARS-CoV-2 variant virus in nasopharyngeal swabs. PLoS ONE, 2021, 16, e0257563.	2.5	11
56	The Effect of Waning on Antibody Levels and Memory B Cell Recall following SARS-CoV-2 Infection or Vaccination. Vaccines, 2022, 10, 696.	4.4	11
57	Delineating Pro-Angiogenic Myeloid Cells in Cancer Therapy. International Journal of Molecular Sciences, 2018, 19, 2565.	4.1	10
58	Tryptophan-Kynurenine Pathway in COVID-19-Dependent Musculoskeletal Pathology: A Minireview. Mediators of Inflammation, 2021, 2021, 1-6.	3.0	10
59	High-Throughput Next-Generation Sequencing Respiratory Viral Panel: A Diagnostic and Epidemiologic Tool for SARS-CoV-2 and Other Viruses. Viruses, 2021, 13, 2063.	3.3	9
60	Clinical validation of a multiplex PCR-based detection assay using saliva or nasopharyngeal samples for SARS-Cov-2, influenza A and B. Scientific Reports, 2022, 12, 3480.	3.3	9
61	Synergistic Effects of Multiple Factors Involved in COVID-19-dependent Muscle Loss. , 2022, 13, 344.		8
62	Modulation in the microRNA repertoire is responsible for the stage-specific effects of Akt suppression on murine neuroendocrine prostate cancer. Heliyon, 2018, 4, e00796.	3.2	6
63	Genome atlas analysis based profiling of Akt pathway genes in the early and advanced human prostate cancer. Oncoscience, 2019, 6, 317-336.	2.2	6
64	Comparative analysis of transcriptomic profile, histology, and IDH mutation for classification of gliomas. Scientific Reports, 2020, 10, 20651.	3.3	6
65	COVID-19 screening in a healthcare or community setting: complexity of saliva as a specimen for PCR-based testing. Future Medicinal Chemistry, 2021, 13, 9-12.	2.3	6
66	Clinical and molecular assessment of an <sc>onco-immune</sc> signature with prognostic significance in patients with colorectal cancer. Cancer Medicine, 2022, 11, 1573-1586.	2.8	6
67	Effective optimization of SARS-CoV-2 laboratory testing variables in an era of supply chain constraints. Future Microbiology, 2020, 15, 1483-1487.	2.0	5
68	Retrospective Validation of a 168-Gene Expression Signature for Glioma Classification on a Single Molecule Counting Platform. Cancers, 2021, 13, 439.	3.7	4
69	Prognostic value of complete remission with superior platelet counts in acute myeloid leukemia. Journal of Community and Supportive Oncology, 2016, 14, 66-71.	0.1	4
70	Utility and impact of early t(15;17) identification by Fluorescence <i>In Situ</i> Hybridization (<sc>FISH</sc>) in clinical decision making for patients in Acute Promyelocytic Leukemia (<sc>APL</sc>). International Journal of Laboratory Hematology, 2015, 37, 515-520.	1.3	3
71	Congestive heart failure during induction with anthracycline-based therapy in patients with acute promyelocytic leukemia. Journal of Community and Supportive Oncology, 2014, 12, 390-393.	0.1	3
72	Role of indoleamine 2,3-dioxygenase in acute myeloid leukemia. Future Oncology, 2020, 16, 3085-3094.	2.4	3

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73	Dysregulation of epigenetic related genes in Diabetic Trigger finger Patients; preliminary analysis of Patient-Derived Samples. Biomolecular Concepts, 2020, 11, 221-229.	2.2	3
74	Making a Difference: Adaptation of the Clinical Laboratory in Response to the Rapidly Evolving COVID-19 Pandemic. Academic Pathology, 2021, 8, 23742895211023948.	1.1	2
75	Role of clinical laboratories in response to the COVID-19 pandemic. Future Medicinal Chemistry, 2020, 12, 1521-1523.	2.3	1
76	Nanostring-Based Identification of the Gene Expression Profile in Trigger Finger Samples. Healthcare (Switzerland), 2021, 9, 1592.	2.0	1
77	Gene signatures with therapeutic value: emerging perspective for personalized immunotherapy in renal cancer. Immunotherapy, 2021, 13, 1535-1547.	2.0	1
78	Optical Genome Mapping and Single Nucleotide Polymorphism Microarray: An Integrated Approach for Investigating Products of Conception. Genes, 2022, 13, 643.	2.4	1
79	COVID-19 diagnostic assay sensitivity: lessons for the upcoming wave or next pandemic. Future Medicinal Chemistry, 2021, 13, 1713-1715.	2.3	0
80	A simple but effective model to decrease early deaths in acute promyelocytic leukemia (APL).. Journal of Clinical Oncology, 2012, 30, 6573-6573.	1.6	0
81	miRNA expression profiling of CD20+ plasma cell myeloma (PCM): Upregulation of miR-155 shedding new insight into disease biology and clinicopathologic behavior.. Journal of Clinical Oncology, 2012, 30, 8108-8108.	1.6	0