

Ravindra Kolhe

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

2,812
citations

201385

27
h-index

214527

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.	5.8	292
2	Gender-specific differential expression of exosomal miRNA in synovial fluid of patients with osteoarthritis. <i>Scientific Reports</i> , 2017, 7, 2029.	1.6	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.	0.4	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.	1.2	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.	2.1	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.	0.6	80
8	Epidemiology, Staging, and Management of Multiple Myeloma. <i>Medical Sciences (Basel, Switzerland)</i> , 2021, 9, 3.	1.3	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.	1.9	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.	3.1	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.	3.2	69
12	Stem Cell-Derived Exosomes: A Potential Alternative Therapeutic Agent in Orthopaedics. <i>Stem Cells International</i> , 2016, 2016, 1-6.	1.2	67
13	Sildenafil Suppresses Inflammation-Driven Colorectal Cancer in Mice. <i>Cancer Prevention Research</i> , 2017, 10, 377-388.	0.7	64
14	Therapeutic potential of mesenchymal stem cell based therapy for osteoarthritis. <i>Clinical and Translational Medicine</i> , 2016, 5, 27.	1.7	59
15	Gpr109a Limits Microbiota-Induced IL-23 Production To Constrain ILC3-Mediated Colonic Inflammation. <i>Journal of Immunology</i> , 2018, 200, 2905-2914.	0.4	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.	1.0	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.	1.0	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.	3.3	56

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19	NAD(P)H Quinone Dehydrogenase 1 Ablation Inhibits Activation of the Phosphoinositide 3-Kinase/Akt Serine/Threonine Kinase and Mitogen-Activated Protein Kinase/Extracellular Signal-Regulated Kinase Pathways and Blocks Metabolic Adaptation in Hepatocellular Carcinoma. <i>Hepatology</i> , 2020, 71, 549-568.	3.6	54
20	Cotreatment with BCL-2 antagonist sensitizes cutaneous T-cell lymphoma to lethal action of HDAC7-Nur77-based mechanism. <i>Blood</i> , 2009, 113, 4038-4048.	0.6	50
21	Active integration: new strategies for transgenesis. <i>Transgenic Research</i> , 2007, 16, 333-339.	1.3	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.	1.8	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.	2.1	46
24	Immunogenomic Gene Signature of Cell-Death Associated Genes with Prognostic Implications in Lung Cancer. <i>Cancers</i> , 2021, 13, 155.	1.7	38
25	Canonical NF- κ B signaling in myeloid cells is required for the glioblastoma growth. <i>Scientific Reports</i> , 2017, 7, 13754.	1.6	36
26	Advances in Molecular biomarker for early diagnosis of Osteoarthritis. <i>Biomolecular Concepts</i> , 2019, 10, 111-119.	1.0	34
27	Inhibition of the BTK-IDO-mTOR axis promotes differentiation of monocyte-lineage dendritic cells and enhances anti-tumor T cell immunity. <i>Immunity</i> , 2021, 54, 2354-2371.e8.	6.6	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.	1.6	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.	1.6	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.	1.6	28
31	Atf3 deficiency promotes genome instability and spontaneous tumorigenesis in mice. <i>Oncogene</i> , 2018, 37, 18-27.	2.6	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.	1.7	28
33	Proposal of RT-PCR-Based Mass Population Screening for Severe Acute Respiratory Syndrome Coronavirus 2 (Coronavirus Disease 2019). <i>Journal of Molecular Diagnostics</i> , 2020, 22, 1294-1299.	1.2	27
34	The cell polarity protein Scrib functions as a tumor suppressor in liver cancer. <i>Oncotarget</i> , 2017, 8, 26515-26531.	0.8	27
35	Inhibitor of differentiation 1 transcription factor promotes metabolic reprogramming in hepatocellular carcinoma cells. <i>FASEB Journal</i> , 2016, 30, 262-275.	0.2	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.	0.2	26

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37	PARIS and SPARTA: Finding the Achilles's™ Heel of SARS-CoV-2. <i>MSphere</i> , 2022, 7, e0017922.	1.3	25
38	Deregulation of arginase induces bone complications in high-fat/high-sucrose diet diabetic mouse model. <i>Molecular and Cellular Endocrinology</i> , 2016, 422, 211-220.	1.6	24
39	Bone Marrow Derived Extracellular Vesicles Activate Osteoclast Differentiation in Traumatic Brain Injury Induced Bone Loss. <i>Cells</i> , 2019, 8, 63.	1.8	21
40	Modulation of miRNAs by Vitamin C in Human Bone Marrow Stromal Cells. <i>Nutrients</i> , 2018, 10, 186.	1.7	20
41	Sex-Specific Differences in Extracellular Vesicle Protein Cargo in Synovial Fluid of Patients with Osteoarthritis. <i>Life</i> , 2020, 10, 337.	1.1	20
42	The crucial role of vitamin C and its transporter (SVCT2) in bone marrow stromal cell autophagy and apoptosis. <i>Stem Cell Research</i> , 2015, 15, 312-321.	0.3	19
43	SalivaSTAT: Direct-PCR and Pooling of Saliva Samples Collected in Healthcare and Community Setting for SARS-CoV-2 Mass Surveillance. <i>Diagnostics</i> , 2021, 11, 904.	1.3	19
44	Prognostic and therapeutic implications of extracellular matrix associated gene signature in renal clear cell carcinoma. <i>Scientific Reports</i> , 2021, 11, 7561.	1.6	17
45	Natural Killer Cells and Dendritic Cells: Expanding Clinical Relevance in the Non-Small Cell Lung Cancer (NSCLC) Tumor Microenvironment. <i>Cancers</i> , 2021, 13, 4037.	1.7	16
46	Infection and Immune Memory: Variables in Robust Protection by Vaccines Against SARS-CoV-2. <i>Frontiers in Immunology</i> , 2021, 12, 660019.	2.2	15
47	Optical genome mapping identifies rare structural variations as predisposition factors associated with severe COVID-19. <i>IScience</i> , 2022, 25, 103760.	1.9	15
48	Accumulation of kynurenine elevates oxidative stress and alters microRNA profile in human bone marrow stromal cells. <i>Experimental Gerontology</i> , 2020, 130, 110800.	1.2	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. <i>Journal of Molecular Diagnostics</i> , 2021, 23, 788-795.	1.2	14
50	TIMP-1-Mediated Chemoresistance via Induction of IL-6 in NSCLC. <i>Cancers</i> , 2019, 11, 1184.	1.7	13
51	TIMP-1 downregulation modulates miR-125a-5p expression and triggers the apoptotic pathway. <i>Oncotarget</i> , 2018, 9, 8941-8956.	0.8	13
52	Alteration in Nasopharyngeal Microbiota Profile in Aged Patients with COVID-19. <i>Diagnostics</i> , 2021, 11, 1622.	1.3	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. <i>PLoS ONE</i> , 2020, 15, e0240976.	1.1	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. <i>EPMA Journal</i> , 2020, 11, 581-601.	3.3	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.	1.1	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.	2.1	11
57	Delineating Pro-Angiogenic Myeloid Cells in Cancer Therapy. International Journal of Molecular Sciences, 2018, 19, 2565.	1.8	10
58	Tryptophan-Kynurenine Pathway in COVID-19-Dependent Musculoskeletal Pathology: A Minireview. Mediators of Inflammation, 2021, 2021, 1-6.	1.4	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.	1.5	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.	1.6	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.	1.4	6
63	Genome atlas analysis based profiling of Akt pathway genes in the early and advanced human prostate cancer. Oncoscience, 2019, 6, 317-336.	0.9	6
64	Comparative analysis of transcriptomic profile, histology, and IDH mutation for classification of gliomas. Scientific Reports, 2020, 10, 20651.	1.6	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.	1.1	6
66	Clinical and molecular assessment of an onco-immune signature with prognostic significance in patients with colorectal cancer. Cancer Medicine, 2022, 11, 1573-1586.	1.3	6
67	Effective optimization of SARS-CoV-2 laboratory testing variables in an era of supply chain constraints. Future Microbiology, 2020, 15, 1483-1487.	1.0	5
68	Retrospective Validation of a 168-Gene Expression Signature for Glioma Classification on a Single Molecule Counting Platform. Cancers, 2021, 13, 439.	1.7	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 In Situ Hybridization (FISH) in clinical decision making for patients in Acute Promyelocytic Leukemia (APL). International Journal of Laboratory Hematology, 2015, 37, 515-520.	0.7	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.	1.1	3

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73	Dysregulation of epigenetic related genes in Diabetic Trigger finger Patients; preliminary analysis of Patient-Derived Samples. <i>Biomolecular Concepts</i> , 2020, 11, 221-229.	1.0	3
74	Making a Difference: Adaptation of the Clinical Laboratory in Response to the Rapidly Evolving COVID-19 Pandemic. <i>Academic Pathology</i> , 2021, 8, 23742895211023948.	0.7	2
75	Role of clinical laboratories in response to the COVID-19 pandemic. <i>Future Medicinal Chemistry</i> , 2020, 12, 1521-1523.	1.1	1
76	Nanostring-Based Identification of the Gene Expression Profile in Trigger Finger Samples. <i>Healthcare (Switzerland)</i> , 2021, 9, 1592.	1.0	1
77	Gene signatures with therapeutic value: emerging perspective for personalized immunotherapy in renal cancer. <i>Immunotherapy</i> , 2021, 13, 1535-1547.	1.0	1
78	Optical Genome Mapping and Single Nucleotide Polymorphism Microarray: An Integrated Approach for Investigating Products of Conception. <i>Genes</i> , 2022, 13, 643.	1.0	1
79	COVID-19 diagnostic assay sensitivity: lessons for the upcoming wave or next pandemic. <i>Future Medicinal Chemistry</i> , 2021, 13, 1713-1715.	1.1	0
80	A simple but effective model to decrease early deaths in acute promyelocytic leukemia (APL).. <i>Journal of Clinical Oncology</i> , 2012, 30, 6573-6573.	0.8	0
81	miRNA expression profiling of CD20+ plasma cell myeloma (PCM): Upregulation of miR-155 shedding new insight into disease biology and clinicopathologic behavior.. <i>Journal of Clinical Oncology</i> , 2012, 30, 8108-8108.	0.8	0