

# Prakash Kulkarni

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

1,516  
citations

567281

15  
h-index

345221

36  
g-index

52  
all docs

52  
docs citations

52  
times ranked

2387  
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeting FTO Suppresses Cancer Stem Cell Maintenance and Immune Evasion. <i>Cancer Cell</i> , 2020, 38, 79-96.e11.	16.8	389
2	The Genetic/Non-genetic Duality of Drug "Resistance"™ in Cancer. <i>Trends in Cancer</i> , 2018, 4, 110-118.	7.4	201
3	The Mitochondrion as an Emerging Therapeutic Target in Cancer. <i>Trends in Molecular Medicine</i> , 2020, 26, 119-134.	6.7	121
4	Focal adhesion kinase a potential therapeutic target for pancreatic cancer and malignant pleural mesothelioma. <i>Cancer Biology and Therapy</i> , 2018, 19, 316-327.	3.4	86
5	Intrinsically Disordered Proteins: The Dark Horse of the Dark Proteome. <i>Proteomics</i> , 2018, 18, e1800061.	2.2	66
6	FAK-targeted and combination therapies for the treatment of cancer: an overview of phase I and II clinical trials. <i>Expert Opinion on Investigational Drugs</i> , 2020, 29, 399-409.	4.1	59
7	Intrinsically Disordered Proteins in Chronic Diseases. <i>Biomolecules</i> , 2019, 9, 147.	4.0	52
8	Single Molecule FRET: A Powerful Tool to Study Intrinsically Disordered Proteins. <i>Biomolecules</i> , 2018, 8, 140.	4.0	50
9	Intrinsically Disordered Proteins: Critical Components of the Wetware. <i>Chemical Reviews</i> , 2022, 122, 6614-6633.	47.7	48
10	PAGE4 and Conformational Switching: Insights from Molecular Dynamics Simulations and Implications for Prostate Cancer. <i>Journal of Molecular Biology</i> , 2018, 430, 2422-2438.	4.2	36
11	A Non-genetic Mechanism Involving the Integrin $\beta$ 24/Paxillin Axis Contributes to Chemoresistance in Lung Cancer. <i>IScience</i> , 2020, 23, 101496.	4.1	27
12	Phenotypic Switching of Naïve T Cells to Immune-Suppressive Treg-Like Cells by Mutant KRAS. <i>Journal of Clinical Medicine</i> , 2019, 8, 1726.	2.4	26
13	Combined Checkpoint Inhibition and Chemotherapy: New Era of 1st-Line Treatment for Non-Small-Cell Lung Cancer. <i>Molecular Therapy - Oncolytics</i> , 2019, 13, 1-6.	4.4	26
14	Exploring Energy Landscapes of Intrinsically Disordered Proteins: Insights into Functional Mechanisms. <i>Journal of Chemical Theory and Computation</i> , 2021, 17, 3178-3187.	5.3	21
15	Group Behavior and Emergence of Cancer Drug Resistance. <i>Trends in Cancer</i> , 2021, 7, 323-334.	7.4	21
16	Structural and Dynamical Order of a Disordered Protein: Molecular Insights into Conformational Switching of PAGE4 at the Systems Level. <i>Biomolecules</i> , 2019, 9, 77.	4.0	19
17	Intrinsically disordered proteins: Chronology of a discovery. <i>Biophysical Chemistry</i> , 2021, 279, 106694.	2.8	18
18	EPHA2 mutations with oncogenic characteristics in squamous cell lung cancer and malignant pleural mesothelioma. <i>Oncogenesis</i> , 2019, 8, 49.	4.9	17

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19	EphB4: A promising target for upper aerodigestive malignancies. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2018, 1869, 128-137.	7.4	16
20	Non-Small Cell Lung Cancer from Genomics to Therapeutics: A Framework for Community Practice Integration to Arrive at Personalized Therapy Strategies. <i>Journal of Clinical Medicine</i> , 2020, 9, 1870.	2.4	16
21	Intrinsically disordered proteins and phenotypic switching: Implications in cancer. <i>Progress in Molecular Biology and Translational Science</i> , 2019, 166, 63-84.	1.7	15
22	Integrating Academic and Community Cancer Care and Research through Multidisciplinary Oncology Pathways for Value-Based Care: A Review and the City of Hope Experience. <i>Journal of Clinical Medicine</i> , 2021, 10, 188.	2.4	14
23	Dynamic Phenotypic Switching and Group Behavior Help Non-Small Cell Lung Cancer Cells Evade Chemotherapy. <i>Biomolecules</i> , 2022, 12, 8.	4.0	13
24	Inhibiting crosstalk between MET signaling and mitochondrial dynamics and morphology: a novel therapeutic approach for lung cancer and mesothelioma. <i>Cancer Biology and Therapy</i> , 2018, 19, 1023-1032.	3.4	12
25	Prostate-Associated Gene 4 (PAGE4): Leveraging the Conformational Dynamics of a Dancing Protein Cloud as a Therapeutic Target. <i>Journal of Clinical Medicine</i> , 2018, 7, 156.	2.4	10
26	Activation of EPHA2-ROBO1 Heterodimer by SLIT2 Attenuates Non-canonical Signaling and Proliferation in Squamous Cell Carcinomas. <i>IScience</i> , 2020, 23, 101692.	4.1	9
27	Small Cell Lung Cancer from Traditional to Innovative Therapeutics: Building a Comprehensive Network to Optimize Clinical and Translational Research. <i>Journal of Clinical Medicine</i> , 2020, 9, 2433.	2.4	9
28	Protein Phosphatase 2A as a Therapeutic Target in Small Cell Lung Cancer. <i>Molecular Cancer Therapeutics</i> , 2021, 20, 1820-1835.	4.1	9
29	Protein conformational dynamics and phenotypic switching. <i>Biophysical Reviews</i> , 2021, 13, 1127-1138.	3.2	9
30	Small Cell Lung Cancer Therapeutic Responses Through Fractal Measurements: From Radiology to Mitochondrial Biology. <i>Journal of Clinical Medicine</i> , 2019, 8, 1038.	2.4	8
31	Intrinsically Disordered Proteins: Insights from Poincaré, Waddington, and Lamarck. <i>Biomolecules</i> , 2020, 10, 1490.	4.0	8
32	Association of molecular characteristics with survival in advanced non-small cell lung cancer patients treated with checkpoint inhibitors. <i>Lung Cancer</i> , 2020, 146, 174-181.	2.0	8
33	Intrinsically Disordered Proteins and the Janus Challenge. <i>Biomolecules</i> , 2018, 8, 179.	4.0	7
34	Presence and structure-activity relationship of intrinsically disordered regions across mucins. <i>FASEB Journal</i> , 2020, 34, 1939-1957.	0.5	7
35	Implementing Lung Cancer Screening and Prevention in Academic Centers, Affiliated Network Offices and Collaborating Care Sites. <i>Journal of Clinical Medicine</i> , 2020, 9, 1820.	2.4	7
36	Stromal-epithelial interactions in prostate cancer: Overexpression of PAGE4 in stromal cells inhibits the invasive ability of epithelial cells. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 4406-4418.	2.6	7

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37	Co-opting disorder into order: Intrinsically disordered proteins and the early evolution of complex multicellularity. <i>International Journal of Biological Macromolecules</i> , 2022, 201, 29-36.	7.5	7
38	Coupled Feedback Loops Involving PAGE4, EMT and Notch Signaling Can Give Rise to Non-Genetic Heterogeneity in Prostate Cancer Cells. <i>Entropy</i> , 2021, 23, 288.	2.2	6
39	Monitoring and Determining Mitochondrial Network Parameters in Live Lung Cancer Cells. <i>Journal of Clinical Medicine</i> , 2019, 8, 1723.	2.4	5
40	Integrating Clinical and Translational Research Networksâ€”Building Team Medicine. <i>Journal of Clinical Medicine</i> , 2020, 9, 2975.	2.4	5
41	Complex Oncological Decision-Making Utilizing Fast-and-Frugal Trees in a Community Settingâ€”Role of Academic and Hybrid Modeling. <i>Journal of Clinical Medicine</i> , 2020, 9, 1884.	2.4	5
42	Characterization of RNAâ€”binding motif 3 (RBM3) protein levels and nuclear architecture changes in aggressive and recurrent prostate cancer. <i>Cancer Reports</i> , 2020, 3, e1237.	1.4	4
43	Quantifying Cancer: More Than Just a Numbers Game. <i>Trends in Cancer</i> , 2021, 7, 267-269.	7.4	4
44	Essential role of the histone lysine demethylase KDM4A in the biology of malignant pleural mesothelioma (MPM). <i>British Journal of Cancer</i> , 2021, 125, 582-592.	6.4	4
45	Molecular and Clinical Features of Hospital Admissions in Patients with Thoracic Malignancies on Immune Checkpoint Inhibitors. <i>Cancers</i> , 2021, 13, 2653.	3.7	2
46	Cancer: More than a geneticistâ€™s Pandoraâ€™s box. <i>Journal of Biosciences</i> , 2022, 47, .	1.1	2
47	Intrinsic disorder, extraterrestrial peptides, and prebiotic life on the earth. <i>Journal of Biomolecular Structure and Dynamics</i> , 2023, 41, 5481-5485.	3.5	2
48	Co-stimulatory and co-inhibitory immune markers in solid tumors with MET alterations. <i>Future Science OA</i> , 2021, 7, FSO662.	1.9	1
49	The Boscombe Valley mystery: A lesson in the perils of dogmatism in science. <i>Journal of Biosciences</i> , 2021, 46, 1.	1.1	1
50	Effects of selected deubiquitinating enzyme inhibitors on the proliferation and motility of lung cancer and mesothelioma cell lines. <i>International Journal of Oncology</i> , 2020, 57, 80-86.	3.3	1
51	Differential Response of MET inhibition by Glesatinib (MGCD265) and Sitravatinib (MGCD516) in Nonâ€”small Cell Lung Cancer and Malignant Mesothelioma. <i>FASEB Journal</i> , 2018, 32, 835.9.	0.5	0
52	The Boscombe Valley mystery: A lesson in the perils of dogmatism in science. <i>Journal of Biosciences</i> , 2021, 46, .	1.1	0