

Gopal Iyer

List of Publications by Year in descending order

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116
papers

7,418
citations

117453

34
h-index

54797

84
g-index

124
all docs

124
docs citations

124
times ranked

12917
citing authors

#	ARTICLE	IF	CITATIONS
1	Loss of acetylation at Lys16 and trimethylation at Lys20 of histone H4 is a common hallmark of human cancer. <i>Nature Genetics</i> , 2005, 37, 391-400.	9.4	1,710
2	p300/CBP and cancer. <i>Oncogene</i> , 2004, 23, 4225-4231.	2.6	547
3	Safety Recommendations for Evaluation and Surgery of the Head and Neck During the COVID-19 Pandemic. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2020, 146, 579.	1.2	430
4	Particle Size, Surface Coating, and PEGylation Influence the Biodistribution of Quantum Dots in Living Mice. <i>Small</i> , 2009, 5, 126-134.	5.2	418
5	The mutational landscape of adenoid cystic carcinoma. <i>Nature Genetics</i> , 2013, 45, 791-798.	9.4	394
6	Rising incidence of second cancers in patients with low-risk (T1N0) thyroid cancer who receive radioactive iodine therapy. <i>Cancer</i> , 2011, 117, 4439-4446.	2.0	265
7	Changing epidemiology of oral squamous cell carcinoma of the tongue: A global study. <i>Head and Neck</i> , 2017, 39, 297-304.	0.9	253
8	The Extracellular Matrix Protein TGFBI Induces Microtubule Stabilization and Sensitizes Ovarian Cancers to Paclitaxel. <i>Cancer Cell</i> , 2007, 12, 514-527.	7.7	202
9	microPET-Based Biodistribution of Quantum Dots in Living Mice. <i>Journal of Nuclear Medicine</i> , 2007, 48, 1511-1518.	2.8	182
10	Randomized trial comparing surgery and adjuvant radiotherapy versus concurrent chemoradiotherapy in patients with advanced, nonmetastatic squamous cell carcinoma of the head and neck: 10-year update and subset analysis. <i>Cancer</i> , 2015, 121, 1599-1607.	2.0	163
11	Dynamic Partitioning of a Glycosylated Phosphatidylinositol-Anchored Protein in Glycosphingolipid-Rich Microdomains Imaged by Single-Quantum Dot Tracking. <i>Traffic</i> , 2009, 10, 691-712.	1.3	153
12	Long noncoding RNA EGFR-AS1 mediates epidermal growth factor receptor addiction and modulates treatment response in squamous cell carcinoma. <i>Nature Medicine</i> , 2017, 23, 1167-1175.	15.2	141
13	Longitudinal single-cell RNA sequencing of patient-derived primary cells reveals drug-induced infidelity in stem cell hierarchy. <i>Nature Communications</i> , 2018, 9, 4931.	5.8	134
14	p300 regulates p53-dependent apoptosis after DNA damage in colorectal cancer cells by modulation of PUIMA/p21 levels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 7386-7391.	3.3	133
15	Serglycin Is a Theranostic Target in Nasopharyngeal Carcinoma that Promotes Metastasis. <i>Cancer Research</i> , 2011, 71, 3162-3172.	0.4	133
16	Microfluidic enrichment for the single cell analysis of circulating tumor cells. <i>Scientific Reports</i> , 2016, 6, 22076.	1.6	109
17	Recommendations for head and neck surgical oncology practice in a setting of acute severe resource constraint during the COVID-19 pandemic: an international consensus. <i>Lancet Oncology</i> , The, 2020, 21, e350-e359.	5.1	96
18	VIB-1 Is Required for Expression of Genes Necessary for Programmed Cell Death in <i>Neurospora crassa</i> . <i>Eukaryotic Cell</i> , 2006, 5, 2161-2173.	3.4	84

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19	Detailed Analysis of Clinicopathologic Factors Demonstrate Distinct Difference in Outcome and Prognostic Factors Between Surgically Treated HPV-Positive and Negative Oropharyngeal Cancer. <i>Annals of Surgical Oncology</i> , 2015, 22, 4411-4421.	0.7	80
20	Phenotype-driven precision oncology as a guide for clinical decisions one patient at a time. <i>Nature Communications</i> , 2017, 8, 435.	5.8	75
21	Mutational landscapes of tongue carcinoma reveal recurrent mutations in genes of therapeutic and prognostic relevance. <i>Genome Medicine</i> , 2015, 7, 98.	3.6	74
22	Paracrine Factors of Human Fetal MSCs Inhibit Liver Cancer Growth Through Reduced Activation of IGF-1R/PI3K/Akt Signaling. <i>Molecular Therapy</i> , 2015, 23, 746-756.	3.7	72
23	An eleven gene molecular signature for extra-capsular spread in oral squamous cell carcinoma serves as a prognosticator of outcome in patients without nodal metastases. <i>Oral Oncology</i> , 2015, 51, 355-362.	0.8	64
24	Target Volume Delineation in Oropharyngeal Cancer: Impact of PET, MRI, and Physical Examination. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 83, 220-227.	0.4	60
25	Prognostic significance of lymph node density in squamous cell carcinoma of the tongue. <i>Head and Neck</i> , 2016, 38, E859-66.	0.9	58
26	Prognostic Significance of Invasion Depth in Oral Tongue Squamous Cell Carcinoma. <i>Orl</i> , 2012, 74, 264-270.	0.6	57
27	Factors Predicting Outcome in Malignant Minor Salivary Gland Tumors of the Oropharynx. <i>JAMA Otolaryngology</i> , 2010, 136, 1240.	1.5	56
28	Incidence and Significance of Delphian Node Metastasis in Papillary Thyroid Cancer. <i>Annals of Surgery</i> , 2011, 253, 988-991.	2.1	52
29	Radiation-induced sarcomas of the head and neck. <i>World Journal of Clinical Oncology</i> , 2014, 5, 973.	0.9	51
30	Reviewing the genetic alterations in high-risk cutaneous squamous cell carcinoma: A search for prognostic markers and therapeutic targets. <i>Head and Neck</i> , 2017, 39, 1462-1469.	0.9	47
31	Defining Reprogramming Checkpoints from Single-Cell Analyses of Induced Pluripotency. <i>Cell Reports</i> , 2019, 27, 1726-1741.e5.	2.9	44
32	Nonself recognition is mediated by HET-C heterocomplex formation during vegetative incompatibility. <i>EMBO Journal</i> , 2002, 21, 4841-4850.	3.5	38
33	Solubilization of Quantum Dots with a Recombinant Peptide from <i>Escherichia coli</i> . <i>Small</i> , 2007, 3, 793-798.	5.2	38
34	GNA13 expression promotes drug resistance and tumor-initiating phenotypes in squamous cell cancers. <i>Oncogene</i> , 2018, 37, 1340-1353.	2.6	37
35	Aromatic Aldehyde and Hydrazine Activated Peptide Coated Quantum Dots for Easy Bioconjugation and Live Cell Imaging. <i>Bioconjugate Chemistry</i> , 2011, 22, 1006-1011.	1.8	36
36	Outcomes following parotidectomy for metastatic squamous cell carcinoma with microscopic residual disease: Implications for facial nerve preservation. <i>Head and Neck</i> , 2009, 31, 21-27.	0.9	35

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37	Small Molecule Inhibition of MDM2-p53 Interaction Augments Radiation Response in Human Tumors. <i>Molecular Cancer Therapeutics</i> , 2015, 14, 1994-2003.	1.9	35
38	High Affinity scFv-Hapten Pair as a Tool for Quantum Dot Labeling and Tracking of Single Proteins in Live Cells. <i>Nano Letters</i> , 2008, 8, 4618-4623.	4.5	34
39	Tongue carcinoma infrequently harbor common actionable genetic alterations. <i>BMC Cancer</i> , 2014, 14, 679.	1.1	32
40	Characterization of colibactin-associated mutational signature in an Asian oral squamous cell carcinoma and in other mucosal tumor types. <i>Genome Research</i> , 2020, 30, 803-813.	2.4	32
41	Identification of stable housekeeping genes in response to ionizing radiation in cancer research. <i>Scientific Reports</i> , 2017, 7, 43763.	1.6	31
42	Internal mammary artery perforator flap for head and neck reconstruction. <i>ANZ Journal of Surgery</i> , 2009, 79, 799-803.	0.3	30
43	Establishment and Characterization of Humanized Mouse NPC-PDX Model for Testing Immunotherapy. <i>Cancers</i> , 2020, 12, 1025.	1.7	30
44	Delphian node metastasis in head and neck cancers—Oracle or myth?. <i>Journal of Surgical Oncology</i> , 2010, 102, 354-358.	0.8	28
45	The mutational landscape of early and typical onset oral tongue squamous cell carcinoma. <i>Cancer</i> , 2021, 127, 544-553.	2.0	27
46	Outcomes and Prognostic Factors of Post-irradiation and de novo Sarcomas of the Head and Neck: A Histologically Matched Case-Control Study. <i>Annals of Surgical Oncology</i> , 2013, 20, 3066-3075.	0.7	26
47	Management of orocutaneous fistulas using a vacuum-assisted closure system. <i>Head and Neck</i> , 2014, 36, 873-881.	0.9	24
48	Role of pretreatment ¹⁸ F-FDG PET/CT in surgical decision-making for head and neck cancers. <i>Head and Neck</i> , 2010, 32, 1202-1208.	0.9	23
49	Targeting Cancer Stem Cell Plasticity Through Modulation of Epidermal Growth Factor and Insulin-Like Growth Factor Receptor Signaling in Head and Neck Squamous Cell Cancer. <i>Stem Cells Translational Medicine</i> , 2014, 3, 1055-1065.	1.6	23
50	Compartmentalization of HP1 Proteins in Pluripotency Acquisition and Maintenance. <i>Stem Cell Reports</i> , 2018, 10, 627-641.	2.3	20
51	A preliminary investigation of circulating extracellular vesicles and biomarker discovery associated with treatment response in head and neck squamous cell carcinoma. <i>BMC Cancer</i> , 2019, 19, 373.	1.1	20
52	¹⁷⁷ Lu-NM600 Targeted Radionuclide Therapy Extends Survival in Syngeneic Murine Models of Triple-Negative Breast Cancer. <i>Journal of Nuclear Medicine</i> , 2020, 61, 1187-1194.	2.8	20
53	Central compartment dissection for well differentiated thyroid cancer and the band plays on. <i>Current Opinion in Otolaryngology and Head and Neck Surgery</i> , 2011, 19, 106-112.	0.8	18
54	Surgical management of squamous cell carcinoma of the soft palate: Factors predictive of outcome. <i>Head and Neck</i> , 2012, 34, 1071-1080.	0.9	17

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55	Survival of patients with head and neck squamous cell carcinoma by housing subsidy in a tiered public housing system. <i>Cancer</i> , 2017, 123, 1998-2005.	2.0	17
56	Multidisciplinary team meetings – challenges of implementation science. <i>Nature Reviews Clinical Oncology</i> , 2019, 16, 205-206.	12.5	17
57	Notice of Violation of IEEE Publication Principles: Peptide coated quantum dots for biological applications. <i>IEEE Transactions on Nanobioscience</i> , 2006, 5, 231-238.	2.2	16
58	Hot or cold: Bioengineering immune contextures into in vitro patient-derived tumor models. <i>Advanced Drug Delivery Reviews</i> , 2021, 175, 113791.	6.6	16
59	FGFR Inhibition Enhances Sensitivity to Radiation in Non-Small Cell Lung Cancer. <i>Molecular Cancer Therapeutics</i> , 2020, 19, 1255-1265.	1.9	15
60	Serglycin expression: An independent marker of distant metastases in nasopharyngeal carcinoma. <i>Head and Neck</i> , 2016, 38, 21-28.	0.9	14
61	Comparing the Utility and Surgical Outcomes of Harmonic Focus Ultrasonic Scalpel with Ligasure Small Jaw Bipolar Device in Thyroidectomies: A Prospective Randomized Controlled Trial. <i>Annals of Surgical Oncology</i> , 2019, 26, 4414-4422.	0.7	14
62	Effect of age and gender in non-smokers with oral squamous cell carcinoma: Multi-institutional study. <i>Oral Oncology</i> , 2021, 116, 105210.	0.8	14
63	Stratification of follicular thyroid tumours using data-independent acquisition proteomics and a comprehensive thyroid tissue spectral library. <i>Molecular Oncology</i> , 2022, 16, 1611-1624.	2.1	14
64	Outcome of patients with early T1 and T2 squamous cell carcinoma of the base of tongue managed by conventional surgery with adjuvant postoperative radiation. <i>Head and Neck</i> , 2013, 35, 999-1006.	0.9	13
65	Salivary fistula: Blue dye testing as part of an algorithm for early diagnosis. <i>Laryngoscope Investigative Otolaryngology</i> , 2017, 2, 363-368.	0.6	13
66	Meta-analysis of induction chemotherapy as a selection marker for chemoradiation in the head and neck. <i>Laryngoscope</i> , 2018, 128, 1594-1601.	1.1	13
67	Insulin growth factor 1 like receptor (IGF-1R). <i>BMC Cancer</i> , 2016, 16, 773.	1.1	12
68	Complications of thyroid surgery: prevention and management. <i>Minerva Chirurgica</i> , 2010, 65, 71-82.	0.8	12
69	Outcomes and Prognostic Factors of Radiation-Induced and De Novo Head and Neck Squamous Cell Carcinomas. <i>Otolaryngology - Head and Neck Surgery</i> , 2016, 154, 880-887.	1.1	11
70	Validity and reliability of the MD Anderson dysphagia inventory in English and Chinese in head and neck cancer patients. <i>Asia-Pacific Journal of Clinical Oncology</i> , 2020, 16, 372-379.	0.7	11
71	A three gene immunohistochemical panel serves as an adjunct to clinical staging of patients with head and neck cancer. <i>Oncotarget</i> , 2017, 8, 79556-79566.	0.8	11
72	Novel technique of creating a seal for the vacuum-assisted closure system application in complex head and neck wounds. <i>Head and Neck</i> , 2016, 38, E2523-E2526.	0.9	10

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73	Comprehensive Mutational and Phenotypic Characterization of New Metastatic Cutaneous Squamous Cell Carcinoma Cell Lines Reveal Novel Drug Susceptibilities. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9536.	1.8	10
74	A chemical genetic screen identifies Aurora kinases as a therapeutic target in EGFR T790M negative, gefitinib-resistant head and neck squamous cell carcinoma (HNSCC). <i>EBioMedicine</i> , 2021, 64, 103220.	2.7	10
75	Electronic Synoptic Operative Reporting for Thyroid Surgery using an Electronic Data Management System: Potential for Prospective Multicenter Data Collection. <i>Annals of Surgical Oncology</i> , 2011, 18, 762-766.	0.7	9
76	Metastasectomy for metachronous pulmonary and hepatic metastases from nasopharyngeal carcinoma: Report of 6 cases and review of the literature. <i>Head and Neck</i> , 2016, 38, E37-E40.	0.9	9
77	Circulating extracellular vesicle-associated TGF β 3 modulates response to cytotoxic therapy in head and neck squamous cell carcinoma. <i>Carcinogenesis</i> , 2019, 40, 1452-1461.	1.3	9
78	Factors associated with returning to work in head and neck cancer survivors in Singapore: A preliminary exploratory mixed-methods approach study. <i>Head and Neck</i> , 2021, 43, 1451-1464.	0.9	9
79	Squamous cell carcinoma of the ear arising in patients after radiotherapy for nasopharyngeal carcinoma. <i>European Archives of Oto-Rhino-Laryngology</i> , 2014, 271, 149-156.	0.8	8
80	Phenotype Classification using Proteome Data in a Data-Independent Acquisition Tensor Format. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 2296-2304.	1.2	7
81	Adherence of head and neck squamous cell carcinoma patients to tumor board recommendations. <i>Cancer Medicine</i> , 2020, 9, 5124-5133.	1.3	7
82	Engineering stromal heterogeneity in cancer. <i>Advanced Drug Delivery Reviews</i> , 2021, 175, 113817.	6.6	7
83	Subcutaneous injection is a simple and reproducible option to restore parathyroid function after total parathyroidectomy in patients with secondary hyperparathyroidism. <i>Surgery</i> , 2014, 155, 682-688.	1.0	6
84	Pairing a prognostic target with potential therapeutic strategy for head and neck cancer. <i>Oral Oncology</i> , 2020, 111, 105035.	0.8	6
85	The effect of parathyroidectomy on patients' symptoms in tertiary hyperparathyroidism. <i>Head and Neck</i> , 2019, 41, 2748-2755.	0.9	5
86	Electronic tumor board presentations as the basis for the development of a head and neck cancer database. <i>Laryngoscope Investigative Otolaryngology</i> , 2020, 5, 46-54.	0.6	5
87	Analysis of T cell receptor clonotypes in tumor microenvironment identifies shared cancer-type-specific signatures. <i>Cancer Immunology, Immunotherapy</i> , 2022, 71, 989-998.	2.0	5
88	Incorporation of adverse features in advanced oral cancer improves precision in staging and patient prognostication. <i>Head and Neck</i> , 2022, 44, 964-974.	0.9	5
89	Tracking Single Proteins in Live Cells Using Single-Chain Antibody Fragment-Fluorescent Quantum Dot Affinity Pair. <i>Methods in Enzymology</i> , 2010, 475, 61-79.	0.4	4
90	Enhanced Radiosensitivity in Solid Tumors using a Tumor-selective Alkyl Phospholipid Ether Analog. <i>Molecular Cancer Therapeutics</i> , 2018, 17, 2320-2328.	1.9	4

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91	Elderly Patients with Advanced Head and Neck Carcinoma: Does Aggressive Treatment Result in Better Outcomes?. <i>Otolaryngology - Head and Neck Surgery</i> , 2019, 160, 642-650.	1.1	4
92	Implementing the Biodesign Process for Medical Device Innovation in Head and Neck Surgery. <i>Surgical Innovation</i> , 2020, 27, 653-658.	0.4	4
93	Impact of Radiotherapy on Neck Dissection Nodal Count in Patients With Head and Neck Cancer. <i>Laryngoscope</i> , 2020, 130, 1947-1953.	1.1	4
94	Individualized Molecular Profiling for Allocation to Clinical Trials Singapore Studyâ€”An Asian Tertiary Cancer Center Experience. <i>JCO Precision Oncology</i> , 2021, 5, 859-875.	1.5	4
95	Prognostic Matrisomal Gene Panel and Its Association with Immune Cell Infiltration in Head and Neck Carcinomas. <i>Cancers</i> , 2021, 13, 5761.	1.7	4
96	Controversies and challenges in the management of well-differentiated thyroid cancer. <i>Indian Journal of Surgery</i> , 2009, 71, 299-307.	0.2	3
97	Factors driving frequent attendance at emergency departments for patients with head and neck cancer. <i>Head and Neck</i> , 2019, 41, 3798-3805.	0.9	3
98	Genomics of radiation sensitivity in squamous cell carcinomas. <i>Pharmacogenomics</i> , 2019, 20, 457-466.	0.6	3
99	High expression of MLANA in the plasma of patients with head and neck squamous cell carcinoma as a predictor of tumor progression. <i>Head and Neck</i> , 2019, 41, 1199-1205.	0.9	3
100	High-Dimensional Characterization of the Systemic Immune Landscape Informs on Synergism Between Radiation Therapy and Immune Checkpoint Blockade. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 108, 70-80.	0.4	3
101	Matrisomal genes in squamous cell carcinoma of head and neck influence tumor cell motility and response to cetuximab treatment. <i>Cancer Communications</i> , 2022, , .	3.7	3
102	Diagnostic pitfall: Adenoid cystic carcinoma of the tongue presenting as an isolated hypoglossal nerve palsy, case report and literature review. <i>International Journal of Surgery Case Reports</i> , 2016, 25, 102-105.	0.2	2
103	Single-cell analysis of EphA clustering phenotypes to probe cancer cell heterogeneity. <i>Communications Biology</i> , 2020, 3, 429.	2.0	2
104	Young age is not a predictor of disease specific survival in oral cancer: A multi-institutional study. <i>Oral Oncology</i> , 2021, 115, 105162.	0.8	2
105	Abstract 3946: Androgen receptor drives differential gene expression in KRAS-mediated non-small cell lung cancer. <i>Cancer Research</i> , 2018, 78, 3946-3946.	0.4	2
106	Near-infrared peptide-coated quantum dots for small animal imaging. , 2006, 6096, 29.		1
107	Single-Step Conjugation of Antibodies to Quantum Dots for Labeling Cell Surface Receptors in Mammalian Cells. <i>Methods in Molecular Biology</i> , 2011, 751, 553-563.	0.4	1
108	Abstract 4121: Androgen receptor as a potential target in non-small cell lung cancer. <i>Cancer Research</i> , 2017, 77, 4121-4121.	0.4	1

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109	Next Generation Tumor Models Guiding Cancer Therapy. <i>Advanced Drug Delivery Reviews</i> , 2021, 179, 114047.	6.6	1
110	Abstract 2258: Germline variants associated with poorer disease prognosis in nasopharyngeal carcinoma. , 2021, , .		0
111	Management of Thyroid Lymphomas, Metastatic Lesions and Other Rare Tumors. , 2011, , 101-108.		0
112	Abstract 4660: Temporal interrogation of EGFR signaling in head and neck cancer reveals highly distinct phosphorylation waves for individual EGFR inhibitors. , 2014, , .		0
113	Abstract 827: Statistical analyses of stable housekeeping gene expression in cancer post-irradiation. , 2017, , .		0
114	Abstract 5796: Modulation of transcription factor landscape through BET family protein inhibition is dependent on specific driver mutations in pancreatic cancer. , 2018, , .		0
115	Early quality of life outcomes after surgery in head and neck cancer survivors with EORTC QLQ-C30 and EORTC QLQ-HN35 in an Asian tertiary centre. <i>Supportive Care in Cancer</i> , 2022, , 1.	1.0	0
116	Comparison of the use of allogenic acellular dermal matrix on rates of Frey syndrome post parotidectomy â€“ A systematic review and meta-analysis. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2021, , .	0.2	0