

Baran D Sumer

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

3,792
citations

218677

26
h-index

138484

58
g-index

68
all docs

68
docs citations

68
times ranked

5768
citing authors

#	ARTICLE	IF	CITATIONS
1	Substance use and mental health burden in head and neck and other cancer survivors: A National Health Interview Survey analysis. <i>Cancer</i> , 2022, 128, 112-121.	4.1	8
2	Clinical and Biologic Characteristics and Outcomes in Young and Middle-Aged Patients With Laryngeal Cancer: A Retrospective Cohort Analysis. <i>Otolaryngology - Head and Neck Surgery</i> , 2022, , 019459982110737.	1.9	1
3	Survival and disease progression following solitary locoregional recurrence after head and neck radiotherapy. <i>Head and Neck</i> , 2022, 44, 1153-1163.	2.0	0
4	Pilot Study of a Wearable Activity Monitor During Head and Neck Radiotherapy to Predict Clinical Outcomes. <i>JCO Clinical Cancer Informatics</i> , 2022, 6, e2100179.	2.1	4
5	Automatic detection of head and neck squamous cell carcinoma on histologic slides using hyperspectral microscopic imaging. <i>Journal of Biomedical Optics</i> , 2022, 27, .	2.6	7
6	Intratumoral administration of STING-activating nanovaccine enhances T cell immunotherapy. , 2022, 10, e003960.		22
7	Tumor-Targeted Inhibition of Monocarboxylate Transporter 1 Improves T-Cell Immunotherapy of Solid Tumors. <i>Advanced Healthcare Materials</i> , 2021, 10, e2000549.	7.6	47
8	Blood-based biomarkers of human papillomavirus-associated cancers: A systematic review and meta-analysis. <i>Cancer</i> , 2021, 127, 850-864.	4.1	24
9	Editorial Comment on "Enhanced Recovery After Surgery (ERAS) in Head and Neck Oncologic Surgery: A Case-Matched Analysis of Perioperative and Pain Outcomes". <i>Annals of Surgical Oncology</i> , 2021, 28, 604-605.	1.5	0
10	Factors Associated with Lymph Node Count in Mucosal Squamous Cell Carcinoma Neck Dissection. <i>Laryngoscope</i> , 2021, 131, 1516-1521.	2.0	1
11	Editorial: Cancer Staging in Squamous Cell Carcinoma of the Vermilion Lip. <i>Annals of Surgical Oncology</i> , 2021, 28, 2944-2945.	1.5	2
12	Prolonged activation of innate immune pathways by a polyvalent STING agonist. <i>Nature Biomedical Engineering</i> , 2021, 5, 455-466.	22.5	157
13	Intraoperative molecular imaging clinical trials: a review of 2020 conference proceedings. <i>Journal of Biomedical Optics</i> , 2021, 26, .	2.6	28
14	Effectiveness of physical activity interventions in improving objective and patient-reported outcomes in head and neck cancer survivors: A systematic review. <i>Oral Oncology</i> , 2021, 117, 105253.	1.5	11
15	Extracapsular extension, pathologic node status, and adjuvant treatment in primary surgery patients with human papillomavirus-mediated oropharyngeal cancer: National hospital-based retrospective cohort analysis. <i>Head and Neck</i> , 2021, 43, 3345-3363.	2.0	2
16	The Changing Demographics and Treatment of Larynx Cancer. <i>Annals of Surgical Oncology</i> , 2021, 28, 6927-6928.	1.5	2
17	Institutional patterns of head and neck oncology care during the early phase of the COVID-19 pandemic: A retrospective, pooled cross-sectional analysis. <i>Oral Oncology</i> , 2021, 122, 105564.	1.5	1
18	Prognostic impact of matted lymphadenopathy in patients with oropharyngeal squamous cell carcinoma treated with definitive chemoradiotherapy. <i>Oral Oncology</i> , 2021, 123, 105623.	1.5	2

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19	Polyvalent design in the cGAS-STING pathway. <i>Seminars in Immunology</i> , 2021, 56, 101580.	5.6	8
20	PET imaging of occult tumours by temporal integration of tumour-acidosis signals from pH-sensitive ⁶⁴ Cu-labelled polymers. <i>Nature Biomedical Engineering</i> , 2020, 4, 314-324.	22.5	48
21	In Reply to Mendenhall et al. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 106, 221.	0.8	0
22	Unique Patterns of Distant Metastases in HPV-Positive Head and Neck Cancer. <i>Oncology</i> , 2020, 98, 179-185.	1.9	20
23	Nano-Immune-Engineering Approaches to Advance Cancer Immunotherapy: Lessons from Ultra-pH-Sensitive Nanoparticles. <i>Accounts of Chemical Research</i> , 2020, 53, 2546-2557.	15.6	34
24	Exploiting nanoscale cooperativity for precision medicine. <i>Advanced Drug Delivery Reviews</i> , 2020, 158, 63-72.	13.7	17
25	COVID-19 Pandemic and Surgical Oncology: Preserving the Academic Mission. <i>Annals of Surgical Oncology</i> , 2020, 27, 2591-2599.	1.5	12
26	Exploiting metabolic acidosis in solid cancers using a tumor-agnostic pH-activatable nanoprobe for fluorescence-guided surgery. <i>Nature Communications</i> , 2020, 11, 3257.	12.8	97
27	Detection of Lymph Node Metastases by Ultra-pH-Sensitive Polymeric Nanoparticles. <i>Theranostics</i> , 2020, 10, 3340-3350.	10.0	19
28	Head and neck oncology during the COVID-19 pandemic: Reconsidering traditional treatment paradigms in light of new surgical and other multilevel risks. <i>Oral Oncology</i> , 2020, 105, 104684.	1.5	104
29	Association between treatment delays and oncologic outcome in patients treated with surgery and radiotherapy for head and neck cancer. <i>Head and Neck</i> , 2019, 41, 315-321.	2.0	16
30	Head and Neck Cancer Detection in Digitized Whole-Slide Histology Using Convolutional Neural Networks. <i>Scientific Reports</i> , 2019, 9, 14043.	3.3	66
31	Phase 1 Fractional Dose-Escalation Study of Equipotent Stereotactic Radiation Therapy Regimens for Early-Stage Glottic Larynx Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 105, 110-118.	0.8	34
32	Synergistic STING activation by PC7A nanovaccine and ionizing radiation improves cancer immunotherapy. <i>Journal of Controlled Release</i> , 2019, 300, 154-160.	9.9	61
33	Targeting NAD ⁺ Metabolism to Enhance Radiation Therapy Responses. <i>Seminars in Radiation Oncology</i> , 2019, 29, 6-15.	2.2	22
34	Comparative effectiveness of primary radiotherapy versus surgery in elderly patients with locally advanced oropharyngeal squamous cell carcinoma. <i>Oral Oncology</i> , 2019, 88, 18-26.	1.5	13
35	Risk of Unplanned Hospital Encounters in Patients Treated With Radiotherapy for Head and Neck Squamous Cell Carcinoma. <i>Journal of Pain and Symptom Management</i> , 2019, 57, 738-745.e3.	1.2	18
36	Hyperspectral imaging for head and neck cancer detection: specular glare and variance of the tumor margin in surgical specimens. <i>Journal of Medical Imaging</i> , 2019, 6, 1.	1.5	25

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37	Detection of squamous cell carcinoma in digitized histological images from the head and neck using convolutional neural networks. , 2019, 10956, .		4
38	Optical molecular imaging for tumor detection and image-guided surgery. Biomaterials, 2018, 157, 62-75.	11.4	178
39	Using Fluorescent Indicators In Cancer Cells To Advance Image-guided Cancer Surgery. , 2018, , .		0
40	Improving patient health engagement with mobile texting: A pilot study in the head and neck postoperative setting. Head and Neck, 2017, 39, 988-995.	2.0	28
41	Phantom-to-clinic development of hypofractionated stereotactic body radiotherapy for early-stage glottic laryngeal cancer. Medical Dosimetry, 2017, 42, 90-96.	0.9	5
42	A transistor-like pH nanoprobe for tumour detection and image-guided surgery. Nature Biomedical Engineering, 2017, 1, .	22.5	163
43	Clinical Practice in PET/CT for the Management of Head and Neck Squamous Cell Cancer. American Journal of Roentgenology, 2017, 209, 289-303.	2.2	103
44	Treatment Deintensification for Human Papillomavirus-Associated Oropharyngeal Cancer. Annals of Surgical Oncology, 2017, 24, 3463-3465.	1.5	0
45	Model to Predict Cause-Specific Mortality in Patients with Head and Neck Adenoid Cystic Carcinoma: A Competing Risk Analysis. Annals of Surgical Oncology, 2017, 24, 2069-2070.	1.5	2
46	Digitization of Endocytic pH by Hybrid Ultra-sensitive Nanoprobes at Single-Organelle Resolution. Advanced Materials, 2017, 29, 1603794.	21.0	69
47	Risk of contralateral nodal failure following ipsilateral IMRT for node-positive tonsillar cancer. Oral Oncology, 2017, 75, 35-38.	1.5	6
48	SBRT for early-stage glottic larynx cancer—Initial clinical outcomes from a phase I clinical trial. PLoS ONE, 2017, 12, e0172055.	2.5	26
49	NQO1-Mediated Tumor-Selective Lethality and Radiosensitization for Head and Neck Cancer. Molecular Cancer Therapeutics, 2016, 15, 1757-1767.	4.1	46
50	Non-covalent interactions in controlling pH-responsive behaviors of self-assembled nanosystems. Polymer Chemistry, 2016, 7, 5949-5956.	3.9	55
51	Patterns of Care and Comparative Effectiveness of Intensified Adjuvant Therapy for Resected Oropharyngeal Squamous Cell Carcinoma in the Human Papillomavirus Era. JAMA Otolaryngology - Head and Neck Surgery, 2016, 142, 777.	2.2	7
52	Molecular basis of cooperativity in pH-triggered supramolecular self-assembly. Nature Communications, 2016, 7, 13214.	12.8	98
53	Successful Translation of Fluorescence Navigation During Oncologic Surgery: A Consensus Report. Journal of Nuclear Medicine, 2016, 57, 144-150.	5.0	125
54	En Bloc Resection of the Temporal Bone and Temporomandibular Joint for Advanced Temporal Bone Carcinoma. Otolaryngology - Head and Neck Surgery, 2015, 152, 571-573.	1.9	6

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55	A nanoparticle-based strategy for the imaging of a broad range of tumours by nonlinear amplification of microenvironment signals. <i>Nature Materials</i> , 2014, 13, 204-212.	27.5	695
56	In vivo optical imaging of folate receptor α in head and neck squamous cell carcinoma. <i>Laryngoscope</i> , 2014, 124, E312-9.	2.0	28
57	Ultra-pH-Sensitive Nanoprobe Library with Broad pH Tunability and Fluorescence Emissions. <i>Journal of the American Chemical Society</i> , 2014, 136, 11085-11092.	13.7	241
58	Transoral robotic surgery and transoral laser microsurgery for oropharyngeal squamous cell cancer. <i>Journal of Robotic Surgery</i> , 2013, 7, 377-383.	1.8	8
59	Multicolored pH-Tunable and Activatable Fluorescence Nanoplatfrom Responsive to Physiologic pH Stimuli. <i>Journal of the American Chemical Society</i> , 2012, 134, 7803-7811.	13.7	312
60	CLINICAL APPLICATIONS OF HEME BIOSYNTHETIC PATHWAY: Photodynamic Therapy with Protoporphyrin IX. , 2011, , 197-209.		1
61	Tunable, Ultrasensitive pH-Responsive Nanoparticles Targeting Specific Endocytic Organelles in Living Cells. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 6109-6114.	13.8	488
62	Head and Neck Cancer. <i>Medical Clinics of North America</i> , 2010, 94, 1031-1046.	2.5	33
63	Correlation Between Intraoperative Hypothermia and Perioperative Morbidity in Patients With Head and Neck Cancer. <i>JAMA Otolaryngology</i> , 2009, 135, 682.	1.2	39
64	Adherence to the American Cancer Society Head and Neck Cancer Survivorship Care Guideline According to Chart Review: A Nested Retrospective Cohort Pilot Study. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 0, , 000348942210984.	1.1	1