

# Vlad C Sandulache

## List of Publications by Year in descending order

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Version: 2024-02-01

103  
papers

3,357  
citations

186265

28  
h-index

168389

53  
g-index

111  
all docs

111  
docs citations

111  
times ranked

4860  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reconstructive Outcomes of Multilayered Closure of Large Skull Base Dural Defects Following Open Anterior Craniofacial Resection. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2022, 83, 359-366.	0.8	1
2	Head and neck cancer survivorship consensus statement from the American Head and Neck Society. <i>Laryngoscope Investigative Otolaryngology</i> , 2022, 7, 70-92.	1.5	35
3	An Imaging Biomarker of Tumor-Infiltrating Lymphocytes to Risk-Stratify Patients With HPV-Associated Oropharyngeal Cancer. <i>Journal of the National Cancer Institute</i> , 2022, 114, 609-617.	6.3	23
4	p16 Represses DNA Damage Repair via a Novel Ubiquitin-Dependent Signaling Cascade. <i>Cancer Research</i> , 2022, 82, 916-928.	0.9	13
5	Oropharyngeal cancer outcomes correlate with p16 status, multinucleation and immune infiltration. <i>Modern Pathology</i> , 2022, 35, 1045-1054.	5.5	16
6	Integrative genomic analysis reveals low T-cell infiltration as the primary feature of tobacco use in HPV-positive oropharyngeal cancer. <i>IScience</i> , 2022, 25, 104216.	4.1	6
7	Safety of microvascular free tissue transfer reconstruction of the head and neck in the setting of chronic pharmacologic immunosuppression. <i>Head and Neck</i> , 2022, , .	2.0	0
8	Immune-related adverse events and immunotherapy efficacy in patients with cancer: A retrospective study.. <i>Journal of Clinical Oncology</i> , 2022, 40, 2654-2654.	1.6	2
9	Association between body mass index and treatment efficacy with immune checkpoint inhibitor therapy: A retrospective study.. <i>Journal of Clinical Oncology</i> , 2022, 40, 2598-2598.	1.6	1
10	Biomarkers for Malignant Potential in Vocal Fold Leukoplakia: A State of the Art Review. <i>Otolaryngology - Head and Neck Surgery</i> , 2021, 164, 751-758.	1.9	6
11	National trends in oropharyngeal cancer incidence and survival within the Veterans Affairs Health Care System. <i>Head and Neck</i> , 2021, 43, 108-115.	2.0	12
12	Institutional financial toxicity of failure to adhere to treatment guidelines for head and neck squamous cell carcinoma. <i>Head and Neck</i> , 2021, 43, 816-824.	2.0	3
13	Free Flap Inset Techniques in Salvage Laryngopharyngectomy Repair: Impact on Fistula Formation and Function. <i>Laryngoscope</i> , 2021, 131, E875-E881.	2.0	14
14	Human epidermal growth factor receptor 2 expression in head and neck squamous cell carcinoma: Variation within and across primary tumor sites, and implications for antigen-specific immunotherapy. <i>Head and Neck</i> , 2021, 43, 1983-1994.	2.0	4
15	Development of a rational strategy for integration of lactate dehydrogenase A suppression into therapeutic algorithms for head and neck cancer. <i>British Journal of Cancer</i> , 2021, 124, 1670-1679.	6.4	7
16	Computerized tumor multinucleation index (MuNI) is prognostic in p16+ oropharyngeal carcinoma. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	24
17	A phase II study of PRV111 nanoengineered cisplatin patch as a neoadjuvant therapy for early-stage oral squamous cell carcinoma (OSCC).. <i>Journal of Clinical Oncology</i> , 2021, 39, 6056-6056.	1.6	3
18	A High-throughput Approach to Identify Effective Systemic Agents for the Treatment of Anaplastic Thyroid Carcinoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 2962-2978.	3.6	10

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19	Metformin generates profound alterations in systemic and tumor immunity with associated antitumor effects. , 2021, 9, e002773.		28
20	Esomeprazole enhances the effect of ionizing radiation to improve tumor control. Oncotarget, 2021, 12, 1339-1353.	1.8	10
21	Abstract 870: Immunogenetic determinants of head and neck cancer in Veterans in the Million Veteran Program cohort. , 2021, , .		0
22	Combined anterior cervical spine fusion and total laryngopharyngectomy with free flap reconstruction: A technical note. Interdisciplinary Neurosurgery: Advanced Techniques and Case Management, 2021, 25, 101238.	0.3	0
23	Consistent multimodality approach to oral cavity and high-risk oropharyngeal cancer in veterans. American Journal of Otolaryngology - Head and Neck Medicine and Surgery, 2021, 42, 103166.	1.3	7
24	Early glottic cancer in a veteran population: Impact of race on management and outcomes. Laryngoscope, 2020, 130, 1733-1739.	2.0	8
25	Emotional disclosure and cognitive processing in couples coping with head and neck cancer. Journal of Behavioral Medicine, 2020, 43, 411-425.	2.1	5
26	Gastrostomy Utilization by Oropharyngeal Cancer Patients Is Partially Driven by Swallowing Function. Laryngoscope, 2020, 130, 2153-2159.	2.0	6
27	Using Ligand-Accelerated Catalysis to Repurpose Fluorogenic Reactions for Platinum or Copper. ACS Central Science, 2020, 6, 1772-1788.	11.3	16
28	Quantitative Dynamic Contrast-Enhanced MRI Identifies Radiation-Induced Vascular Damage in Patients With Advanced Osteoradionecrosis: Results of a Prospective Study. International Journal of Radiation Oncology Biology Physics, 2020, 108, 1319-1328.	0.8	13
29	Incidence and survival for oropharynx and nonâ€uropharynx head and neck cancers among veterans living with HIV. Cancer Medicine, 2020, 9, 9326-9335.	2.8	8
30	Tobacco exposure as a major modifier of oncologic outcomes in human papillomavirus (HPV) associated oropharyngeal squamous cell carcinoma. BMC Cancer, 2020, 20, 912.	2.6	31
31	Oncolytic Adenovirus Armed with BiTE, Cytokine, and Checkpoint Inhibitor Enables CAR T Cells to Control the Growth of Heterogeneous Tumors. Molecular Therapy, 2020, 28, 1251-1262.	8.2	89
32	Demographic and Tumor Characteristic Impact on Laryngeal Cancer Outcomes in a Minority Underserved Patient Population. Otolaryngology - Head and Neck Surgery, 2020, 162, 888-896.	1.9	12
33	Acquisition of Cisplatin Resistance Shifts Head and Neck Squamous Cell Carcinoma Metabolism toward Neutralization of Oxidative Stress. Cancers, 2020, 12, 1670.	3.7	33
34	High expression of oxidative phosphorylation genes predicts improved survival in squamous cell carcinomas of the head and neck and lung. Scientific Reports, 2020, 10, 6380.	3.3	25
35	Prognostic factors associated with achieving total oral diet following osteocutaneous microvascular free tissue transfer reconstruction of the oral cavity. Oral Oncology, 2019, 98, 1-7.	1.5	8
36	Prognostic factors associated with achieving total oral diet after glossectomy with microvascular free tissue transfer reconstruction. Oral Oncology, 2019, 92, 59-66.	1.5	19

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37	Swallowing Function in Survivors of Oropharyngeal Cancer Is Associated With Advanced T Classification. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2019, 128, 696-703.	1.1	7
38	A Hidden Epidemic of "Intermediate Risk" Oropharynx Cancer. <i>Laryngoscope Investigative Otolaryngology</i> , 2019, 4, 617-623.	1.5	11
39	Self-management intervention for head and neck cancer couples: Results of a randomized pilot trial. <i>Cancer</i> , 2019, 125, 1176-1184.	4.1	31
40	Abstract 574: Overexpression of HER2 in head and neck cancer represents a potential target for T cell immunotherapy. <i>Cancer Research</i> , 2019, 79, 574-574.	0.9	4
41	ERR1- and PGC1 $\beta$ -associated mitochondrial alterations correlate with pan-cancer disparity in African Americans. <i>Journal of Clinical Investigation</i> , 2019, 129, 2351-2356.	8.2	24
42	High-Risk TP53 Mutations Are Associated with Extranodal Extension in Oral Cavity Squamous Cell Carcinoma. <i>Clinical Cancer Research</i> , 2018, 24, 1727-1733.	7.0	36
43	Cisplatin generates oxidative stress which is accompanied by rapid shifts in central carbon metabolism. <i>Scientific Reports</i> , 2018, 8, 4306.	3.3	77
44	Immunometabolic Determinants of Chemoradiotherapy Response and Survival in Head and Neck Squamous Cell Carcinoma. <i>American Journal of Pathology</i> , 2018, 188, 72-83.	3.8	22
45	Tracheoesophageal Prosthesis Use Is Associated With Improved Overall Quality of Life in Veterans With Laryngeal Cancer. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2018, 127, 421-428.	1.1	15
46	Incompletely treated malignancies of the major salivary gland: Toward evidence-based care. <i>Head and Neck</i> , 2018, 40, 1630-1638.	2.0	8
47	Treatment Patterns in Veterans with Laryngeal and Oropharyngeal Cancer and Impact on Survival. <i>Laryngoscope Investigative Otolaryngology</i> , 2018, 3, 275-282.	1.5	12
48	Temporal Bone Paraganglioma Presenting as a Bezold's Abscess and Necrotizing Fasciitis. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2018, 79, S1-S188.	0.8	0
49	Patterns of Treatment Failure in Anaplastic Thyroid Carcinoma. <i>Thyroid</i> , 2017, 27, 672-681.	4.5	111
50	Radiation therapy dose is associated with improved survival for unresected anaplastic thyroid carcinoma: Outcomes from the National Cancer Data Base. <i>Cancer</i> , 2017, 123, 1653-1661.	4.1	55
51	Dose-volume correlates of mandibular osteoradionecrosis in Oropharynx cancer patients receiving intensity-modulated radiotherapy: Results from a case-matched comparison. <i>Radiotherapy and Oncology</i> , 2017, 124, 232-239.	0.6	69
52	Real-Time Genomic Characterization Utilizing Circulating Cell-Free DNA in Patients with Anaplastic Thyroid Carcinoma. <i>Thyroid</i> , 2017, 27, 81-87.	4.5	69
53	Metabolic interrogation as a tool to optimize chemotherapeutic regimens. <i>Oncotarget</i> , 2017, 8, 18154-18165.	1.8	8
54	Salvage total laryngectomy after external beam radiotherapy: A 20-year experience. <i>Head and Neck</i> , 2016, 38, E1962-8.	2.0	50

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55	Treatment and survival of patients with insular thyroid carcinoma: 508 cases from the National Cancer Data Base. <i>Head and Neck</i> , 2016, 38, 906-912.	2.0	14
56	Magnetic resonance imaging of swallowing-related structures in nasopharyngeal carcinoma patients receiving IMRT: Longitudinal dose-response characterization of quantitative signal kinetics. <i>Radiotherapy and Oncology</i> , 2016, 118, 315-322.	0.6	21
57	Impact of race on oropharyngeal squamous cell carcinoma presentation and outcomes among veterans. <i>Head and Neck</i> , 2016, 38, 44-50.	2.0	28
58	Clinical genomic testing of anaplastic thyroid carcinoma (ATC) and need for integration into future prospective clinical trials. <i>Journal of Clinical Oncology</i> , 2016, 34, 6085-6085.	1.6	1
59	Prognostic Significance of p16 Cellular Localization in Oropharyngeal Squamous Cell Carcinoma. <i>Annals of Clinical and Laboratory Science</i> , 2016, 46, 132-9.	0.2	14
60	Oropharyngeal squamous cell carcinoma in the veteran population: Association with traditional carcinogen exposure and poor clinical outcomes. <i>Head and Neck</i> , 2015, 37, 1246-1253.	2.0	40
61	Acute Tumor Lactate Perturbations as a Biomarker of Genotoxic Stress: Development of a Biochemical Model. <i>Molecular Cancer Therapeutics</i> , 2015, 14, 2901-2908.	4.1	17
62	High-throughput hyperpolarized <sup>13</sup> C metabolic investigations using a multi-channel acquisition system. <i>Journal of Magnetic Resonance</i> , 2015, 260, 20-27.	2.1	11
63	Kinetic Modeling and Constrained Reconstruction of Hyperpolarized [1- <sup>13</sup> C]-Pyruvate Offers Improved Metabolic Imaging of Tumors. <i>Cancer Research</i> , 2015, 75, 4708-4717.	0.9	69
64	Causes and consequences of adult laryngotracheal stenosis. <i>Laryngoscope</i> , 2015, 125, 1137-1143.	2.0	239
65	Evaluation of Hyperpolarized [1- <sup>13</sup> C]-Pyruvate by Magnetic Resonance to Detect Ionizing Radiation Effects in Real Time. <i>PLoS ONE</i> , 2014, 9, e87031.	2.5	36
66	Radial spectroscopic MRI of hyperpolarized [ <sup>13</sup> C] pyruvate at 7 tesla. <i>Magnetic Resonance in Medicine</i> , 2014, 72, 986-995.	3.0	28
67	Association between metformin use and improved survival in patients with laryngeal squamous cell carcinoma. <i>Head and Neck</i> , 2014, 36, 1039-1043.	2.0	54
68	Management of Obstructive Sleep Apnea in the Indigent Population. <i>Otolaryngology - Head and Neck Surgery</i> , 2014, 150, 346-347.	1.9	0
69	Gain-of-Function Mutant p53 Promotes Cell Growth and Cancer Cell Metabolism via Inhibition of AMPK Activation. <i>Molecular Cell</i> , 2014, 54, 960-974.	9.7	196
70	Evaluating Response to Metformin/Cisplatin Combination in Cancer Cells via Metabolic Measurement and Clonogenic Survival. <i>Methods in Molecular Biology</i> , 2014, 1165, 11-18.	0.9	6
71	Use of Biguanides to Improve Response to Chemotherapy. <i>Methods in Molecular Biology</i> , 2014, 1165, 3-9.	0.9	0
72	Abstract B07: Using magnetic resonance and hyperpolarized tracers to monitor solid tumor progression, metastasis, and response to treatment. , 2014, , .		0

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73	Residual nodal disease in patients with advanced-stage oropharyngeal squamous cell carcinoma treated with definitive radiation therapy and posttreatment neck dissection: Association with locoregional recurrence, distant metastasis, and decreased survival. <i>Head and Neck</i> , 2013, 35, 1454-1460.	2.0	12
74	Integration of cancer genomics with treatment selection. <i>Cancer</i> , 2013, 119, 3914-3928.	4.1	15
75	Metformin use and improved response to therapy in esophageal adenocarcinoma. <i>Acta Oncologica</i> , 2013, 52, 1002-1009.	1.8	99
76	Metformin use and improved response to therapy in rectal cancer. <i>Cancer Medicine</i> , 2013, 2, 99-107.	2.8	85
77	Impact of race/ethnicity on laryngeal cancer in patients treated at a Veterans Affairs Medical Center. <i>Laryngoscope</i> , 2013, 123, 2170-2175.	2.0	30
78	Glycolytic Inhibition Alters Anaplastic Thyroid Carcinoma Tumor Metabolism and Improves Response to Conventional Chemotherapy and Radiation. <i>Molecular Cancer Therapeutics</i> , 2012, 11, 1373-1380.	4.1	57
79	<i>TP53</i> Disruptive Mutations Lead to Head and Neck Cancer Treatment Failure through Inhibition of Radiation-Induced Senescence. <i>Clinical Cancer Research</i> , 2012, 18, 290-300.	7.0	254
80	Cyclooxygenase-2 Inhibition for the Prevention of Subglottic Stenosis. <i>JAMA Otolaryngology</i> , 2012, 138, 962.	1.2	3
81	Individualizing antimetabolic treatment strategies for head and neck squamous cell carcinoma based on <i>TP53</i> mutational status. <i>Cancer</i> , 2012, 118, 711-721.	4.1	50
82	Altered metabolism in head and neck squamous cell carcinoma: an opportunity for identification of novel biomarkers and drug targets. <i>Head and Neck</i> , 2012, 34, 282-290.	2.0	23
83	Phosphoproteomic Analysis of Signaling Pathways in Head and Neck Squamous Cell Carcinoma Patient Samples. <i>American Journal of Pathology</i> , 2011, 178, 548-571.	3.8	50
84	Glucocorticoids regulate extracellular matrix metabolism in human vocal fold fibroblasts. <i>Laryngoscope</i> , 2011, 121, 1915-1919.	2.0	29
85	Prostaglandin (PG)E <sub>2</sub> exhibits antifibrotic activity in vocal fold fibroblasts. <i>Laryngoscope</i> , 2011, 121, 1261-1265.	2.0	14
86	Glucose, not glutamine, is the dominant energy source required for proliferation and survival of head and neck squamous carcinoma cells. <i>Cancer</i> , 2011, 117, 2926-2938.	4.1	112
87	Disruptive <i>TP53</i> Mutation Is Associated with Aggressive Disease Characteristics in an Orthotopic Murine Model of Oral Tongue Cancer. <i>Clinical Cancer Research</i> , 2011, 17, 6658-6670.	7.0	94
88	Subglottic Stenosis Examined as a Fibrotic Response to Airway Injury Characterized by Altered Mucosal Fibroblast Activity. <i>JAMA Otolaryngology</i> , 2010, 136, 163.	1.2	49
89	Cyclooxygenase-2 signaling in vocal fold fibroblasts. <i>Laryngoscope</i> , 2010, 120, 1826-1831.	2.0	12
90	Prostaglandin E2 is activated by airway injury and regulates fibroblast cytoskeletal dynamics. <i>Laryngoscope</i> , 2009, 119, 1365-1373.	2.0	12

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91	Prostaglandin E2 differentially regulates contraction and structural reorganization of anchored collagen gels by human adult and fetal dermal fibroblasts. <i>Wound Repair and Regeneration</i> , 2009, 17, 88-98.	3.0	32
92	Migrating Cells Retain Gap Junction Plaque Structure and Function. <i>Cell Communication and Adhesion</i> , 2008, 15, 273-288.	1.0	18
93	Fetal Dermal Fibroblasts Retain a Hyperactive Migratory and Contractile Phenotype Under 2-and 3-Dimensional Constraints Compared to Normal Adult Fibroblasts. <i>Tissue Engineering</i> , 2007, 13, 2791-2801.	4.6	27
94	Elucidating the Role of Interleukin 1 $\beta$ and Prostaglandin E2 in Upper Airway Mucosal Wound Healing. <i>JAMA Otolaryngology</i> , 2007, 133, 365.	1.2	23
95	Graded Carbon Dioxide Laser-Induced Subglottic Injury in the Rabbit Model. <i>JAMA Otolaryngology</i> , 2007, 133, 358.	1.2	22
96	Differential regulation of free-floating collagen gel contraction by human fetal and adult dermal fibroblasts in response to prostaglandin E2 mediated by an EP2/cAMP-dependent mechanism. <i>Wound Repair and Regeneration</i> , 2007, 15, 390-398.	3.0	21
97	Prostaglandin E2 inhibition of keloid fibroblast migration, contraction, and transforming growth factor (TGF) $\beta$ 1-induced collagen synthesis. <i>Wound Repair and Regeneration</i> , 2007, 15, 122-133.	3.0	77
98	Vocal Fold Wound Healing: A Review for Clinicians. <i>Journal of Voice</i> , 2006, 20, 432-442.	1.5	105
99	Prostaglandin E2 differentially modulates human fetal and adult dermal fibroblast migration and contraction: implication for wound healing. <i>Wound Repair and Regeneration</i> , 2006, 14, 633-643.	3.0	48
100	Fibroblast Transplantation in the Airway. <i>JAMA Otolaryngology</i> , 2005, 131, 1090.	1.2	3
101	Adult-Fetal Fibroblast Interactions: Effects on Cell Migration and Implications for Cell Transplantation. <i>Cell Transplantation</i> , 2005, 14, 331-337.	2.5	13
102	Mucosal Wound Healing in a Rabbit Model of Subglottic Stenosis. <i>JAMA Otolaryngology</i> , 2005, 131, 153.	1.2	23
103	Primary vs delayed surgery for spontaneous pneumothorax in children: which is better?. <i>Journal of Pediatric Surgery</i> , 2005, 40, 166-169.	1.6	62