

Nicola Cirillo

List of Publications by Year in descending order

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118
papers

3,245
citations

159585
30
h-index

189892
50
g-index

120
all docs

120
docs citations

120
times ranked

3707
citing authors

#	ARTICLE	IF	CITATIONS
1	Oral lichen planus: a literature review and update. Archives of Dermatological Research, 2016, 308, 539-551.	1.9	298
2	Prognostic significance of CD68+ and CD163+ tumor associated macrophages in head and neck squamous cell carcinoma: A systematic review and meta-analysis. Oral Oncology, 2019, 93, 66-75.	1.5	115
3	Senescent cancer-associated fibroblasts secrete active MMP-2 that promotes keratinocyte dis-cohesion and invasion. British Journal of Cancer, 2014, 111, 1230-1237.	6.4	106
4	Keratinocytes synthesize and activate cortisol. Journal of Cellular Biochemistry, 2011, 112, 1499-1505.	2.6	103
5	Oral malignant melanoma: a review of the literature. Journal of Oral Pathology and Medicine, 2008, 37, 383-388.	2.7	86
6	Fibroblast gene expression profile reflects the stage of tumour progression in oral squamous cell carcinoma. Journal of Pathology, 2011, 223, 459-469.	4.5	84
7	Progression of genotype-specific oral cancer leads to senescence of cancer-associated fibroblasts and is mediated by oxidative stress and TGF- β 2. Carcinogenesis, 2013, 34, 1286-1295.	2.8	81
8	Guidelines for Diagnosis and Management of Aphthous Stomatitis. Pediatric Infectious Disease Journal, 2007, 26, 728-732.	2.0	80
9	The molecular markers of cancer stem cells in head and neck tumors. Journal of Cellular Physiology, 2020, 235, 65-73.	4.1	77
10	Bell's palsy following COVID-19 vaccination. Journal of Neurology, 2021, 268, 3589-3591.	3.6	75
11	Reported orofacial adverse effects of COVID-19 vaccines: The knowns and the unknowns. Journal of Oral Pathology and Medicine, 2021, 50, 424-427.	2.7	73
12	How does acantholysis occur in pemphigus vulgaris: a critical review. Journal of Cutaneous Pathology, 2006, 33, 401-412.	1.3	71
13	Predictive Prognostic Value of Tissue-Based MicroRNA Expression in Oral Squamous Cell Carcinoma: A Systematic Review and Meta-analysis. Journal of Dental Research, 2018, 97, 759-766.	5.2	71
14	Induction of hyper-adhesion attenuates autoimmune-induced keratinocyte cell detachment and processing of adhesion molecules via mechanisms that involve PKC. Experimental Cell Research, 2010, 316, 580-592.	2.6	63
15	Monopathogenic vs multipathogenic explanations of pemphigus pathophysiology. Experimental Dermatology, 2016, 25, 839-846.	2.9	63
16	Pilot study on recurrent aphthous stomatitis (RAS): a randomized placebo-controlled trial for the comparative therapeutic effects of systemic prednisone and systemic montelukast in subjects unresponsive to topical therapy. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2010, 109, 402-407.	1.4	53
17	Tissue-specific regulation of CXCL9/10/11 chemokines in keratinocytes: Implications for oral inflammatory disease. PLoS ONE, 2017, 12, e0172821.	2.5	52
18	Oral manifestations of adverse drug reactions: guidelines. Journal of the European Academy of Dermatology and Venereology, 2008, 22, 681-691.	2.4	49

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19	The immune phenotype of tongue squamous cell carcinoma predicts early relapse and poor prognosis. <i>Cancer Medicine</i> , 2020, 9, 8333-8344.	2.8	49
20	Evidence of Key Role of Cdk2 Overexpression in Pemphigus Vulgaris. <i>Journal of Biological Chemistry</i> , 2008, 283, 8736-8745.	3.4	44
21	Burning mouth syndrome and burning mouth in hypothyroidism: proposal for a diagnostic and therapeutic protocol. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2008, 105, e22-e27.	1.4	42
22	Serum from pemphigus vulgaris reduces desmoglein 3 half-life and perturbs its de novo assembly to desmosomal sites in cultured keratinocytes. <i>FEBS Letters</i> , 2006, 580, 3276-3281.	2.8	40
23	Urban legends: pemphigus vulgaris. <i>Oral Diseases</i> , 2012, 18, 442-458.	3.0	40
24	Cancer-associated fibroblasts regulate keratinocyte cell-cell adhesion via TGF- β -dependent pathways in genotype-specific oral cancer. <i>Carcinogenesis</i> , 2017, 38, 76-85.	2.8	40
25	Computational analysis of TP53 mutational landscape unveils key prognostic signatures and distinct pathobiological pathways in head and neck squamous cell cancer. <i>British Journal of Cancer</i> , 2020, 123, 1302-1314.	6.4	39
26	A comparison of salivary substitutes versus a natural sialogogue (citric acid) in patients complaining of dry mouth as an adverse drug reaction: a clinical, randomized controlled study. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2011, 112, e15-e20.	1.4	38
27	Coaggregation of <i>Candida albicans</i> , <i>Actinomyces naeslundii</i> and <i>Streptococcus mutans</i> is <i>Candida albicans</i> strain dependent. <i>FEMS Yeast Research</i> , 2015, 15, fov038.	2.3	38
28	The immunopathogenesis of oral lichen planus "Is there a role for mucosal associated invariant T cells?". <i>Journal of Oral Pathology and Medicine</i> , 2019, 48, 552-559.	2.7	36
29	Fibroblast activation and senescence in oral cancer. <i>Journal of Oral Pathology and Medicine</i> , 2017, 46, 82-88.	2.7	34
30	COVID-19 outbreak: succinct advice for dentists and oral healthcare professionals. <i>Clinical Oral Investigations</i> , 2020, 24, 2529-2535.	3.0	34
31	Cleavage of desmoglein 3 can explain its depletion from keratinocytes in pemphigus vulgaris. <i>Experimental Dermatology</i> , 2008, 17, 858-863.	2.9	33
32	A hyaluronic acid-based compound inhibits fibroblast senescence induced by oxidative stress in vitro and prevents oral mucositis in vivo. <i>Journal of Cellular Physiology</i> , 2015, 230, 1421-1429.	4.1	32
33	Bell's palsy and SARS-CoV-2 vaccines "an unfolding story. <i>Lancet Infectious Diseases</i> , The, 2021, 21, 1210-1211.	9.1	32
34	Non-invasive screening of a microRNA-based dysregulation signature in oral cancer and oral potentially malignant disorders. <i>Oral Oncology</i> , 2019, 96, 113-120.	1.5	31
35	Characterisation of the cancer-associated glucocorticoid system: key role of 11 β -hydroxysteroid dehydrogenase type 2. <i>British Journal of Cancer</i> , 2017, 117, 984-993.	6.4	30
36	The most widespread desmosomal cadherin, desmoglein 2, is a novel target of caspase 3-mediated apoptotic machinery. <i>Journal of Cellular Biochemistry</i> , 2008, 103, 598-606.	2.6	29

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37	Desmosomal interactome in keratinocytes: a systems biology approach leading to an understanding of the pathogenesis of skin disease. <i>Cellular and Molecular Life Sciences</i> , 2009, 66, 3517-3533.	5.4	29
38	The Non-Conventional Effects of Glucocorticoids in Cancer. <i>Journal of Cellular Physiology</i> , 2016, 231, 2368-2373.	4.1	29
39	Polymicrobial biofilm formation by <i>Candida albicans</i> , <i>Actinomyces naeslundii</i> , and <i>Streptococcus mutans</i> is <i>Candida albicans</i> strain and medium dependent. <i>Medical Mycology</i> , 2016, 54, 856-864.	0.7	29
40	The Role of Glucose Transporters in Oral Squamous Cell Carcinoma. <i>Biomolecules</i> , 2021, 11, 1070.	4.0	29
41	Changes in desmoglein 1 expression and subcellular localization in cultured keratinocytes subjected to anti-desmoglein 1 pemphigus autoimmunity. <i>Journal of Cellular Physiology</i> , 2007, 210, 411-416.	4.1	28
42	Oral aphthous-like lesions, PFAPA syndrome: a review. <i>Journal of Oral Pathology and Medicine</i> , 2008, 37, 319-323.	2.7	28
43	An Investigation on Micro-Raman Spectra and Wavelet Data Analysis for Pemphigus Vulgaris Follow-up Monitoring. <i>Sensors</i> , 2008, 8, 3656-3664.	3.8	28
44	Predicting the Presence of Oral Squamous Cell Carcinoma Using Commonly Dysregulated MicroRNA in Oral Swirls. <i>Cancer Prevention Research</i> , 2018, 11, 491-502.	1.5	28
45	Metalloproteinase 9 is the outer executioner of desmoglein 3 in apoptotic keratinocytes. <i>Oral Diseases</i> , 2007, 13, 341-345.	3.0	27
46	Pemphigus vulgaris autoimmune globulin induces Src-dependent tyrosine-phosphorylation of plakophilin 3 and its detachment from desmoglein 3. <i>Autoimmunity</i> , 2014, 47, 134-140.	2.6	27
47	Distinct phenolic, alkaloid and antioxidant profile in betel quids from four regions of Indonesia. <i>Scientific Reports</i> , 2020, 10, 16254.	3.3	27
48	The N-Terminal Fraction of Desmoglein 3 Encompassing its Immunodominant Domain is Present in Human Serum: Implications for Pemphigus Vulgaris Autoimmunity. <i>International Journal of Immunopathology and Pharmacology</i> , 2006, 19, 399-407.	2.1	25
49	Defining the involvement of proteinases in pemphigus vulgaris: Evidence of matrix metalloproteinase-9 overexpression in experimental models of disease. <i>Journal of Cellular Physiology</i> , 2007, 212, 36-41.	4.1	24
50	Characterization of a Novel Oral Glucocorticoid System and Its Possible Role in Disease. <i>Journal of Dental Research</i> , 2012, 91, 97-103.	5.2	24
51	The association between COVID-19 vaccination and Bell's palsy. <i>Lancet Infectious Diseases</i> , The, 2022, 22, 5-6.	9.1	24
52	Functional and molecular effects of a green tea constituent on oral cancer cells. <i>Journal of Oral Pathology and Medicine</i> , 2019, 48, 604-610.	2.7	21
53	Pemphigus vulgaris immunoglobulin G can recognize a 130 kDa antigen other than desmoglein 3 on peripheral blood mononuclear cell surface. <i>Immunology</i> , 2007, 121, 377-382.	4.4	20
54	Long-standing oral ulcers: proposal for a new Sâ€œCâ€œD classification systemâ€™. <i>Journal of Oral Pathology and Medicine</i> , 2009, 38, 241-253.	2.7	20

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55	Molecular Mechanisms of Malignant Transformation of Oral Submucous Fibrosis by Different Betel Quid Constituents“Does Fibroblast Senescence Play a Role?. International Journal of Molecular Sciences, 2022, 23, 1637.	4.1	20
56	Caspase-dependent cleavage of desmoglein 1 depends on the apoptotic stimulus. British Journal of Dermatology, 2007, 156, 400-402.	1.5	19
57	Vesicular and Bullous Disorders: Pemphigus. Dermatologic Clinics, 2007, 25, 597-603.	1.7	18
58	Diagnostic patterns and delays in autoimmune blistering diseases of the mouth: A cross-sectional study. Oral Diseases, 2018, 24, 802-808.	3.0	18
59	If pemphigus vulgaris IgG are the cause of acantholysis, new IgG-independent mechanisms are the concause. Journal of Cellular Physiology, 2007, 212, 563-567.	4.1	17
60	Molecular insights into the effects of sodium hyaluronate preparations in keratinocytes. Clinical and Experimental Dermatology, 2012, 37, 516-520.	1.3	17
61	Inhibition of matrix metalloproteinase-2 modulates malignant behaviour of oral squamous cell carcinoma cells. Journal of Oral Pathology and Medicine, 2021, 50, 323-332.	2.7	17
62	Gustatory dysfunction in COVID-19 patients: a rapid systematic review on 27,687 cases. Acta Odontologica Scandinavica, 2021, 79, 418-425.	1.6	17
63	Glucocorticoids reduce chemotherapeutic effectiveness on OSCC cells via glucose-dependent mechanisms. Journal of Cellular Physiology, 2019, 234, 2013-2020.	4.1	16
64	A Scoping Review of the Role of Metalloproteinases in the Pathogenesis of Autoimmune Pemphigus and Pemphigoid. Biomolecules, 2021, 11, 1506.	4.0	15
65	Oxidative Stress and Chemoradiation-Induced Oral Mucositis: A Scoping Review of In Vitro, In Vivo and Clinical Studies. International Journal of Molecular Sciences, 2022, 23, 4863.	4.1	15
66	Deregulation of PERK in the autoimmune disease pemphigus vulgaris occurs via IgG-independent mechanisms. British Journal of Dermatology, 2011, 164, 336-343.	1.5	14
67	Monospecies and polymicrobial biofilms differentially regulate the phenotype of genotype-specific oral cancer cells. Carcinogenesis, 2019, 40, 184-193.	2.8	14
68	Targeting the genetic landscape of oral potentially malignant disorders has the potential as a preventative strategy in oral cancer. Cancer Letters, 2021, 518, 102-114.	7.2	14
69	Smoking habits and clinical patterns can alter the inflammatory infiltrate in oral lichenoid lesions. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2016, 121, 49-57.	0.4	13
70	Heterogeneity of Cancer Stem Cells in Tumorigenesis, Metastasis, and Resistance to Antineoplastic Treatment of Head and Neck Tumours. Cells, 2021, 10, 3068.	4.1	13
71	A Comprehensive Analysis of the Role of Oxidative Stress in the Pathogenesis and Chemoprevention of Oral Submucous Fibrosis. Antioxidants, 2022, 11, 868.	5.1	13
72	Internalization of Non-Clustered Desmoglein 1 without Depletion of Desmoglein 1 from Adhesion Complexes in An Experimental Model of the Autoimmune Disease Pemphigus Foliaceus. International Journal of Immunopathology and Pharmacology, 2007, 20, 355-361.	2.1	12

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73	Are There Betel Quid Mixtures Less Harmful than Others? A Scoping Review of the Association between Different Betel Quid Ingredients and the Risk of Oral Submucous Fibrosis. <i>Biomolecules</i> , 2022, 12, 664.	4.0	12
74	Antimicrobial activity and regulation of CXCL9 and CXCL10 in oral keratinocytes. <i>European Journal of Oral Sciences</i> , 2016, 124, 433-439.	1.5	11
75	Desmosomes in disease: a guide for clinicians. <i>Oral Diseases</i> , 2017, 23, 157-167.	3.0	11
76	150th anniversary series: Desmosomes in physiology and disease. <i>Cell Communication and Adhesion</i> , 2014, 21, 85-88.	1.0	10
77	Pathophysiology of the Desmo-Adhesome. <i>Journal of Cellular Physiology</i> , 2017, 232, 496-505.	4.1	10
78	The specific proteolysis hypothesis of pemphigus: Does the song remain the same?. <i>Medical Hypotheses</i> , 2008, 70, 333-337.	1.5	9
79	Desmosomal adhesion and pemphigus vulgaris: the first half of the story. <i>Cell Communication and Adhesion</i> , 2013, 20, 1-10.	1.0	9
80	Immune receptors CD40 and CD86 in oral keratinocytes and implications for oral lichen planus. <i>Journal of Oral Science</i> , 2017, 59, 373-382.	1.7	9
81	Taste alteration in COVID-19: Significant geographical differences exist in the prevalence of the symptom. <i>Journal of Infection and Public Health</i> , 2021, 14, 1099-1105.	4.1	9
82	Merging experimental data and in silico analysis: a systems-level approach to autoimmune disease and cancer. <i>Expert Review of Clinical Immunology</i> , 2012, 8, 361-372.	3.0	8
83	Oral swirl samples – a robust source of microRNA protected by extracellular vesicles. <i>Oral Diseases</i> , 2017, 23, 312-317.	3.0	8
84	Serum of patients with oral pemphigus vulgaris impairs keratinocyte wound repair in vitro: a time-lapse study on the efficacy of methylprednisolone and pyridostigmine bromide. <i>Oral Diseases</i> , 2009, 15, 478-483.	3.0	7
85	Controversial Role of Antibodies against Linear Epitopes of Desmoglein 3 in Pemphigus Vulgaris, as Revealed by Semiquantitative Living Cell Immunofluorescence Microscopy and in-Cell Elisa. <i>International Journal of Immunopathology and Pharmacology</i> , 2010, 23, 1047-1055.	2.1	7
86	Protective effect of kava constituents in an in vitro model of oral mucositis. <i>Journal of Cancer Research and Clinical Oncology</i> , 2020, 146, 1801-1811.	2.5	7
87	Oral Pigmentation as a Sign of Addison's Disease: A Brief Reappraisal. <i>Open Dermatology Journal</i> , 2009, 3, 3-6.	0.3	7
88	The Local Neuropeptide System of Keratinocytes. <i>Biomedicines</i> , 2021, 9, 1854.	3.2	7
89	At Least Three Phosphorylation Events Induced by Pemphigus Vulgaris Sera are Pathogenically Involved in Keratinocyte Acantholysis. <i>International Journal of Immunopathology and Pharmacology</i> , 2008, 21, 189-195.	2.1	6
90	High-dose pemphigus antibodies against linear epitopes of desmoglein 3 (Dsg3) can induce acantholysis and depletion of Dsg3 from keratinocytes. <i>Immunology Letters</i> , 2009, 122, 208-213.	2.5	6

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91	Role of tissue-specific steroid metabolism in oral disease: Is there any clinical implication?. Oral Diseases, 2018, 24, 224-227.	3.0	6
92	Self-reported smell and taste alteration as the sole clinical manifestation of SARS-CoV-2 infection. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2021, 131, e95-e99.	0.4	6
93	Mechanism-based therapeutic targets of pemphigus vulgaris: A scoping review of pathogenic molecular pathways. Experimental Dermatology, 2022, 31, 154-171.	2.9	6
94	A novel method to investigate pemphigus-induced keratinocyte dysmorphisms through living cell immunofluorescence microscopy. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2007, 450, 683-690.	2.8	5
95	Gaining More Insight into the Determinants of Candida Species Pathogenicity in the Oral Cavity. European Journal of Inflammation, 2014, 12, 227-235.	0.5	5
96	Oral keratinocytes synthesize <scp>CTACK</scp>: A new insight into the pathophysiology of the oral mucosa. Experimental Dermatology, 2018, 27, 207-210.	2.9	5
97	Kava constituents exert selective anticancer effects in oral squamous cell carcinoma cells in vitro. Scientific Reports, 2020, 10, 15904.	3.3	5
98	Do health-care workers need a COVID-19 vaccine booster?. Lancet Infectious Diseases, The, 2022, 22, 20.	9.1	5
99	Searching for experimental models of Pemphigus vulgaris. Archives of Dermatological Research, 2007, 299, 9-12.	1.9	4
100	Desmosome assembly, homeostasis, and desmosomal disease. Cell Health and Cytoskeleton, 0, , 9.	0.7	4
101	A biophysically-defined hyaluronic acid-based compound accelerates migration and stimulates the production of keratinocyte-derived neuromodulators. Cell Adhesion and Migration, 2019, 13, 23-32.	2.7	4
102	The Role of the Glucocorticoid System in Anchorage-independence during Progression of Squamous Cell Carcinoma. American Journal of Oral Medicine, 2015, 1, 8-19.	0.2	4
103	What protein kinases are crucial for acantholysis and blister formation in pemphigus vulgaris? A systematic review. Journal of Cellular Physiology, 0, , .	4.1	4
104	Mucocutaneous pemphigus vulgaris carrying high-titre antidesmoglein 1 antibodies with skin lesions resembling pemphigus erythematosus. Clinical and Experimental Dermatology, 2007, 33, 071106211831002-???	1.3	3
105	Unexpected resilience to experimental gingivitis of subepithelial connective tissue grafts in gingival recession defects: a clinical-molecular evaluation. Journal of Periodontal Research, 2014, 49, 527-535.	2.7	3
106	Delayed Diagnosis of a Nasal Type Lymphoma Misdiagnosed as Persistent Sinusitis. Journal of Adolescent and Young Adult Oncology, 2017, 6, 381-384.	1.3	3
107	Oral pathology follow-up by means of micro-Raman spectroscopy on tissue and blood serum samples: an application of wavelet and multivariate data analysis. Proceedings of SPIE, 2009, , .	0.8	2
108	Oral Lichen Planus. , 2019, , 1043-1082.		2

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109	Suitability of a Progenitor Cell-Enriching Device for In Vitro Applications. Coatings, 2021, 11, 146.	2.6	2
110	Oral Lichen Planus. , 2017, , 1-40.		2
111	Introducing CREATING, a plan for dental higher education in Saudi Arabia. Saudi Dental Journal, 2015, 27, 55-56.	1.6	1
112	Wavelet data analysis of micro-Raman spectra for follow-up monitoring in oral pathologies. Proceedings of SPIE, 2008, , .	0.8	0
113	Long-standing oral ulcers: proposal for a new "S-C-D classification system": Authors' reply. Journal of Oral Pathology and Medicine, 2010, 39, 508-509.	2.7	0
114	Micro-Raman spectroscopy of tissue samples for oral pathology follow-up monitoring. , 2010, , .		0
115	The predictive power of the desmo-adhesome. Cellular and Molecular Life Sciences, 2016, 73, 685-686.	5.4	0
116	Reply to Astarita et al. Comment on "Celentano et al. Suitability of a Progenitor Cell-Enriching Device for In Vitro Applications. Coatings 2021, 11, 146". Coatings, 2021, 11, 741.	2.6	0
117	Caspase Inhibition as a Possible Therapeutic Strategy for Pemphigus Vulgaris: A Systematic Review of Current Evidence. Biology, 2022, 11, 314.	2.8	0
118	Molecules and Biomaterial Technologies Affecting Stem Cell Differentiation. Stem Cells International, 2022, 2022, 1-2.	2.5	0