

# Arja M Kullaa

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

582  
citations

567281

15  
h-index

677142

22  
g-index

41  
all docs

41  
docs citations

41  
times ranked

775  
citing authors

#	ARTICLE	IF	CITATIONS
1	Irradiation affects the structural, cellular and molecular components of jawbones. <i>International Journal of Radiation Biology</i> , 2022, 98, 136-147.	1.8	4
2	Irradiation Induced Biochemical Changes in Human Mandibular Bone: A Raman Spectroscopic Study. <i>Applied Spectroscopy</i> , 2022, 76, 1165-1173.	2.2	1
3	Oral mucosal pellicle as an immune protection against micro-organisms in patients with recurrent aphthous stomatitis: A hypothesis. <i>Medical Hypotheses</i> , 2021, 146, 110449.	1.5	2
4	Variability of salivary metabolite levels in patients with Sjögren's syndrome. <i>Journal of Oral Science</i> , 2021, 63, 22-26.	1.7	21
5	Compensatory IgM to the Rescue: Patients with Selective IgA Deficiency Have Increased Natural IgM Antibodies to MAA's LDL and No Changes in Oral Microbiota. <i>ImmunoHorizons</i> , 2021, 5, 170-181.	1.8	2
6	Salivary Metabolomics for Diagnosis and Monitoring Diseases: Challenges and Possibilities. <i>Metabolites</i> , 2021, 11, 587.	2.9	32
7	Effects of irradiation in the mandibular bone loaded with dental implants. An experimental study with a canine model. <i>Ultrastructural Pathology</i> , 2021, 45, 276-285.	0.9	4
8	Low-Dose Doxycycline Treatment Normalizes Levels of Some Salivary Metabolites Associated with Oral Microbiota in Patients with Primary Sjögren's Syndrome. <i>Metabolites</i> , 2021, 11, 595.	2.9	7
9	Feasibility of Near-Infrared Spectroscopy for Identification of L-Fucose and L-Proline Towards Detecting Cancer Biomarkers from Saliva. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9662.	2.5	2
10	Computational Filters for Dental and Oral Lesion Visualization in Spectral Images. <i>IEEE Access</i> , 2021, 9, 145148-145160.	4.2	4
11	Regulation of mucin 1 expression and its relationship with oral diseases. <i>Archives of Oral Biology</i> , 2020, 117, 104791.	1.8	15
12	Oral and Dental Spectral Image Database ODSI-DB. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7246.	2.5	17
13	Metabolome of canine and human saliva: a non-targeted metabolomics study. <i>Metabolomics</i> , 2020, 16, 90.	3.0	17
14	Prevalence of oral mucosal normal variations and lesions in a middle-aged population: a Northern Finland Birth Cohort 1966 study. <i>BMC Oral Health</i> , 2020, 20, 357.	2.3	17
15	<sup>1</sup> H NMR Based Metabolomics in Human Sepsis and Healthy Serum. <i>Metabolites</i> , 2020, 10, 70.	2.9	31
16	Effect of Radiotherapy on Expression of Transmembrane Mucin MUC1 in Oral Mucosal Cells. <i>International Journal of Oral-Medical Sciences</i> , 2020, 19, 99-108.	0.1	2
17	Biochemical Changes in Irradiated Oral Mucosa: A FTIR Spectroscopic Study. <i>Biosensors</i> , 2019, 9, 12.	4.7	3
18	Deep Learning for Dental Hyperspectral Image Analysis. <i>Color and Imaging Conference</i> , 2019, 2019, 295-299.	0.2	5

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19	Localization of transmembrane mucin MUC1 on the apical surface of oral mucosal cells. <i>Ultrastructural Pathology</i> , 2019, 43, 184-189.	0.9	5
20	Bioimpedance spectroscopy and spectral camera techniques in detection of oral mucosal diseases: a narrative review of the state-of-the-art. <i>Journal of Medical Engineering and Technology</i> , 2019, 43, 474-491.	1.4	12
21	Optical implementation of partially negative filters using a spectrally tunable light source, and its application to contrast enhanced oral and dental imaging. <i>Optics Express</i> , 2019, 27, 34022.	3.4	8
22	Alveolar bone remodeling after tooth extraction in irradiated mandible: An experimental study with canine model. <i>Ultrastructural Pathology</i> , 2018, 42, 124-132.	0.9	6
23	Potential role of nuclear magnetic resonance spectroscopy to identify salivary metabolite alterations in patients with head and neck cancer. <i>Oncology Letters</i> , 2018, 16, 6795-6800.	1.8	34
24	Concentric Ring Probe for Bioimpedance Spectroscopic Measurements: Design and Ex Vivo Feasibility Testing on Pork Oral Tissues. <i>Sensors</i> , 2018, 18, 3378.	3.8	9
25	Acid-etching technique of non-decalcified bone samples for visualizing osteocyte-lacuno-canalicular network using scanning electron microscope. <i>Ultrastructural Pathology</i> , 2018, 42, 74-79.	0.9	7
26	Contrast Enhancement of Dental Lesions by Light Source Optimisation. <i>Lecture Notes in Computer Science</i> , 2018, , 499-507.	1.3	2
27	Spectral Image Enhancement for the Visualization of Dental Lesions. <i>Lecture Notes in Computer Science</i> , 2018, , 490-498.	1.3	3
28	Cross-reactive saliva IgA antibodies to oxidized LDL and periodontal pathogens in humans. <i>Journal of Clinical Periodontology</i> , 2017, 44, 682-691.	4.9	15
29	Objective identification of dental abnormalities with multispectral fluorescence imaging. <i>Journal of Biophotonics</i> , 2017, 10, 1279-1286.	2.3	12
30	Radiation-induced changes in the microstructure of epithelial cells of the oral mucosa: A comparative light and electron microscopic study. <i>Journal of Oral Pathology and Medicine</i> , 2017, 46, 1004-1010.	2.7	10
31	Oral mucosal epithelial cells express the membrane anchored mucin MUC1. <i>Archives of Oral Biology</i> , 2017, 73, 269-273.	1.8	21
32	Salivary metabolomics in the diagnosis of oral cancer and periodontal diseases. <i>Journal of Periodontal Research</i> , 2016, 51, 431-437.	2.7	79
33	Fourier Transform Infrared Spectroscopy and Photoacoustic Spectroscopy for Saliva Analysis. <i>Applied Spectroscopy</i> , 2016, 70, 1502-1510.	2.2	22
34	Recent advances in optical diagnosis of oral cancers: Review and future perspectives. <i>Head and Neck</i> , 2016, 38, E2403-11.	2.0	33
35	Altered expression of hyaluronan, HAS1, and HYAL1 in oral lichen planus. <i>Journal of Oral Pathology and Medicine</i> , 2015, 44, 401-409.	2.7	6
36	Microplicae – Specialized Surface Structure of Epithelial Cells of Wet-Surfaced Oral Mucosa. <i>Ultrastructural Pathology</i> , 2015, 39, 299-305.	0.9	16

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37	Surface Morphology of Superficial Cells in Irradiated Oral Mucosa: An Experimental Study in Beagle Dog. <i>Ultrastructural Pathology</i> , 2014, 38, 268-272.	0.9	5
38	Microstructure of the Superficial Epithelial Cells of the Human Oral Mucosa. <i>Ultrastructural Pathology</i> , 2014, 38, 6-12.	0.9	12
39	Microstructure of Oral Epithelial Cells as an Underlying Basis for Salivary Mucosal Pellicle. <i>Ultrastructural Pathology</i> , 2014, 38, 382-386.	0.9	23
40	Fissured tongue: A sign of tongue edema?. <i>Medical Hypotheses</i> , 2014, 82, 709-712.	1.5	18
41	Osseointegration of dental implants in bone irradiated with 40, 50 or 60 Gy doses. An experimental study with beagle dogs.. <i>Clinical Oral Implants Research</i> , 1998, 9, 20-25.	4.5	38