Andrew I Spielman

List of Publications by Year
in descending order

45 papers	1,562 citations	567281 15 h-index	302126 39 g-index
48 all docs	48 docs citations	48 times ranked	1544 citing authors

#	Article	IF	Citations
1	Analyses of volatile organic compounds from human skin. British Journal of Dermatology, 2008, 159, 780-791.	1.5	352
2	GÎ³13 colocalizes with gustducin in taste receptor cells and mediates IP3 responses to bitter denatonium. Nature Neuroscience, 1999, 2, 1055-1062.	14.8	318
3	Analysis of characteristic human female axillary odors: Qualitative comparison to males. Journal of Chemical Ecology, 1996, 22, 237-257.	1.8	115
4	Bitter taste transduced by PLC-Î²₂-dependent rise in IP₃ and Î±-gustducin-dependent fall in cyclic nucleotides. American Journal of Physiology - Cell Physiology, 2001, 280, C742-C751.	4.6	111
5	Ceramide triggers intracellular calcium release via the IP₃receptor inXenopus laevisoocytes. American Journal of Physiology - Cell Physiology, 1999, 277, C665-C672.	4.6	85
6	Possible Novel Mechanism for Bitter Taste Mediated Through cGMP. Journal of Neurophysiology, 1999, 81, 1661-1665.	1.8	82
7	A method for isolating and patch-clamping single mammalian taste receptor cells. Brain Research, 1989, 503, 326-329.	2.2	67
8	Dentistry, Nursing, and Medicine: A Comparison of Core Competencies. Journal of Dental Education, 2005, 69, 1257-1271.	1.2	56
9	Personâ€Centered Care: Opportunities and Challenges for Academic Dental Institutions and Programs. Journal of Dental Education, 2017, 81, 1265-1272.	1.2	45
10	Assessment of Teaching Effectiveness in U.S. Dental Schools and the Value of Triangulation. Journal of Dental Education, 2008, 72, 707-718.	1.2	38
11	Caffeine Bitterness is Related to Daily Caffeine Intake and Bitter Receptor mRNA Abundance in Human Taste Tissue. Perception, 2017, 46, 245-256.	1.2	33
12	Mammalian Taste Cells Express Functional Olfactory Receptors. Chemical Senses, 2019, 44, 289-301.	2.0	33
13	Comparison of the Kinetic Effects of Phospholamban Phosphorylation and Anti-phospholamban Monoclonal Antibody on the Calcium Pump in Purified Cardiac Sarcoplasmic Reticulum Membranes. Biochemistry, 1997, 36, 12903-12910.	2.5	24
14	Arginyl dipeptides increase the frequency of NaCl-elicited responses via epithelial sodium channel alpha and delta subunits in cultured human fungiform taste papillae cells. Scientific Reports, 2017, 7, 7483.	3.3	22
15	Technique to Collect Fungiform (Taste) Papillae from Human Tongue. Journal of Visualized Experiments, 2010, , .	0.3	19
16	Dentistry, nursing, and medicine: a comparison of core competencies. Journal of Dental Education, 2005, 69, 1257-71.	1.2	15
17	Sophorolipid Biosurfactants Activate Taste Receptor Type 1 Member 3â€Mediated Taste Responses and Block Responses to Bitter Taste In Vitro and In Vivo. Journal of Surfactants and Detergents, 2019, 22, 441-449.	2.1	14
18	The Birth of the Most Important 18th Century Dental Text: Pierre Fauchardâ€™s Le Chirurgien Dentist. Journal of Dental Research, 2007, 86, 922-926.	5.2	13

#	Article	IF	Citations
19	Three Modeling Applications to Promote Automatic Item Generation for Examinations in Dentistry. Journal of Dental Education, 2016, 80, 339-347.	1.2	12
20	Chemosensory loss in <scp>COVID</scp>â€19. Oral Diseases, 2022, 28, 2337-2346.	3.0	12
21	Tissue-dependent expression of bitter receptor TAS2R38 mRNA. Chemical Senses, 2019, 44, 33-40.	2.0	10
22	The future of oral medicine. Oral Diseases, 2018, 24, 285-288.	3.0	9
23	Pandemics and education: A historical review. Journal of Dental Education, 2021, 85, 741-746.	1.2	9
24	The Arginine Taste Receptor: Physiology, Biochemistry, and Immunohistochemistrya. Annals of the New York Academy of Sciences, 1998, 855, 134-142.	3.8	7
25	Zika virus infection in chemosensory cells. Journal of NeuroVirology, 2020, 26, 371-381.	2.1	7
26	Nicotinic acetylcholine receptor (CHRN) expression and function in cultured human adult fungiform (HBO) taste cells. PLoS ONE, 2018, 13, e0194089.	2.5	6
27	Kinetic Differences in the Phospholamban-Regulated Calcium Pump When Studied in Crude and Purified Cardiac Sarcoplasmic Reticulum Vesicles. Journal of Membrane Biology, 1999, 167, 257-265.	2.1	5
28	The Era of Personalized Dentistry Is Upon Us: It's Time to Include It in Dental Curricula. Journal of Dental Education, 2017, 81, 363-365.	1.2	5
29	Resemblance of Tongue Anatomy in Twins. Twin Research and Human Genetics, 2011, 14, 277-282.	0.6	4
30	Membrane-permeable tastants amplify Î²2-adrenergic receptor signaling and delay receptor desensitization via intracellular inhibition of GRK2â€™s kinase activity. Biochimica Et Biophysica Acta - General Subjects, 2015, 1850, 1375-1388.	2.4	4
31	Wiring taste receptor cells to the central gustatory system. Oral Diseases, 2018, 24, 1388-1389.	3.0	4
32	Cyclic-AMP regulates postnatal development of neural and behavioral responses to NaCl in rats. PLoS ONE, 2017, 12, e0171335.	2.5	4
33	Three Modeling Applications to Promote Automatic Item Generation for Examinations in Dentistry. Journal of Dental Education, 2016, 80, 339-47.	1.2	4
34	Overcoming Barriers to Implementing Evidence-Based Dentistry. Journal of Dental Education, 2008, 72, 263-264.	1.2	3
35	12-Year Use of a Digital Reference Library (VitalBook) at a U.S. Dental School: Studentsâ€™ and Alumni Perceptions. Journal of Dental Education, 2017, 81, 1243-1251.	1.2	3
36	Restructuring of dental education in a postâ€COVIDâ€19 era. Oral Diseases, 2022, 28, 920-921.	3.0	3

#	Article	IF	Citations
37	Reporting School Data on the Dental Licensure Examination. Journal of Dental Education, 2013, 77, 1581-1587.	1.2	2
38	Is tasting innate?. Oral Diseases, 2016, 22, 251-252.	3.0	2
39	Dental, Dental Hygiene, and Advanced Dental Studentsâ€™ Use, Knowledge, and Beliefs Regarding Tobacco Products. Journal of Dental Education, 2017, 81, 1317-1326.	1.2	1
40	The Teaching of Personalized Dentistry in North American Dental Schools: Changes from 2014 to 2017. Journal of Dental Education, 2019, 83, 1065-1075.	1.2	1
41	Sophorolipid Reduces Bitter Taste in Humans In Vivo and In Vitro. Journal of Surfactants and Detergents, 0, , .	2.1	1
42	An Overview of the Models in Reporting School Data on Dental Credentialing Examinations. Journal of Dental Education, 2017, 81, 178-189.	1.2	0
43	Taste and Smell. , 2020, , 612-619.		0
44	An Overview of the Models in Reporting School Data on Dental Credentialing Examinations. Journal of Dental Education, 2017, 81, 178-189.	1.2	0
45	Digital Access to the Weinberger Rare Book Collection at NYU College of Dentistry. Journal of the History of Dentistry, 2018, 66, 115-125.	0.1	0