

# Dale R Webster

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

10,382  
citations

535685

17  
h-index

759306

22  
g-index

25  
all docs

25  
docs citations

25  
times ranked

15857  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Learning to Detect OCT-derived Diabetic Macular Edema from Color Retinal Photographs. <i>Ophthalmology Retina</i> , 2022, 6, 398-410.	1.2	22
2	Race- and Ethnicity-Stratified Analysis of an Artificial Intelligence-Based Tool for Skin Condition Diagnosis by Primary Care Physicians and Nurse Practitioners. <i>Proceedings</i> , 2022, 8, e36885.	0.1	0
3	Detection of signs of disease in external photographs of the eyes via deep learning. <i>Nature Biomedical Engineering</i> , 2022, 6, 1370-1383.	11.6	31
4	Predicting the risk of developing diabetic retinopathy using deep learning. <i>The Lancet Digital Health</i> , 2021, 3, e10-e19.	5.9	127
5	Development and Assessment of an Artificial Intelligence-Based Tool for Skin Condition Diagnosis by Primary Care Physicians and Nurse Practitioners in Teledermatology Practices. <i>JAMA Network Open</i> , 2021, 4, e217249.	2.8	61
6	A quality assessment tool for artificial intelligence-centered diagnostic test accuracy studies: QUADAS-AI. <i>Nature Medicine</i> , 2021, 27, 1663-1665.	15.2	76
7	Predicting optical coherence tomography-derived diabetic macular edema grades from fundus photographs using deep learning. <i>Nature Communications</i> , 2020, 11, 130.	5.8	79
8	Detection of anaemia from retinal fundus images via deep learning. <i>Nature Biomedical Engineering</i> , 2020, 4, 18-27.	11.6	130
9	A deep learning system for differential diagnosis of skin diseases. <i>Nature Medicine</i> , 2020, 26, 900-908.	15.2	356
10	AI papers in ophthalmology made simple. <i>Eye</i> , 2020, 34, 1947-1949.	1.1	2
11	Scientific Discovery by Generating Counterfactuals Using Image Translation. <i>Lecture Notes in Computer Science</i> , 2020, , 273-283.	1.0	12
12	Remote Tool-Based Adjudication for Grading Diabetic Retinopathy. <i>Translational Vision Science and Technology</i> , 2019, 8, 40.	1.1	17
13	Prediction of cardiovascular risk factors from retinal fundus photographs via deep learning. <i>Nature Biomedical Engineering</i> , 2018, 2, 158-164.	11.6	1,114
14	Grader Variability and the Importance of Reference Standards for Evaluating Machine Learning Models for Diabetic Retinopathy. <i>Ophthalmology</i> , 2018, 125, 1264-1272.	2.5	347
15	Deep Learning for Predicting Refractive Error From Retinal Fundus Images. , 2018, 59, 2861.		127
16	Development and Validation of a Deep Learning Algorithm for Detection of Diabetic Retinopathy in Retinal Fundus Photographs. <i>JAMA - Journal of the American Medical Association</i> , 2016, 316, 2402.	3.8	4,738
17	A hybrid approach for the automated finishing of bacterial genomes. <i>Nature Biotechnology</i> , 2012, 30, 701-707.	9.4	178
18	Origins of the <i>E. coli</i> Strain Causing an Outbreak of Hemolytic Uremic Syndrome in Germany. <i>New England Journal of Medicine</i> , 2011, 365, 709-717.	13.9	778

#	ARTICLE	IF	CITATIONS
19	The Origin of the Haitian Cholera Outbreak Strain. <i>New England Journal of Medicine</i> , 2011, 364, 33-42.	13.9	676
20	Direct detection of DNA methylation during single-molecule, real-time sequencing. <i>Nature Methods</i> , 2010, 7, 461-465.	9.0	1,337
21	An Enhanced Single Base Extension Technique for the Analysis of Complex Viral Populations. <i>PLoS ONE</i> , 2009, 4, e7453.	1.1	11
22	Distinguishing Molecular Features and Clinical Characteristics of a Putative New Rhinovirus Species, Human Rhinovirus C (HRV C). <i>PLoS ONE</i> , 2008, 3, e1847.	1.1	131
23	The Long March: A Sample Preparation Technique that Enhances Contig Length and Coverage by High-Throughput Short-Read Sequencing. <i>PLoS ONE</i> , 2008, 3, e3495.	1.1	25