Dongseok Choi

List of Publications by Year in descending order

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139 papers

5,773 citations

36 h-index 95083 68 g-index

142 all docs 142 docs citations

times ranked

142

7655 citing authors

#	Article	IF	CITATIONS
1	Factors affecting the detection of trends: Statistical considerations and applications to environmental data. Journal of Geophysical Research, 1998, 103, 17149-17161.	3.3	679
2	Standardizing global gene expression analysis between laboratories and across platforms. Nature Methods, 2005, 2, 351-356.	9.0	416
3	Mycobacterial diseases and antitumour necrosis factor therapy in USA. Annals of the Rheumatic Diseases, 2013, 72, 37-42.	0.5	242
4	The Network for the Improvement of Addiction Treatment (NIATx): Enhancing access and retention. Drug and Alcohol Dependence, 2007, 88, 138-145.	1.6	186
5	Trends in the vertical distribution of ozone: A comparison of two analyses of ozonesonde data. Journal of Geophysical Research, 1999, 104, 26373-26399.	3.3	179
6	Molecular architecture of the chick vestibular hair bundle. Nature Neuroscience, 2013, 16, 365-374.	7.1	166
7	Role of the retinal vascular endothelial cell in ocular disease. Progress in Retinal and Eye Research, 2013, 32, 102-180.	7. 3	137
8	Accurate Label-Free Protein Quantitation with High- and Low-Resolution Mass Spectrometers. Journal of Proteome Research, 2014, 13, 1034-1044.	1.8	135
9	High-Throughput Identification of Proteins and Unanticipated Sequence Modifications Using a Mass-Based Alignment Algorithm for MS/MS de Novo Sequencing Results. Analytical Chemistry, 2004, 76, 2220-2230.	3.2	134
10	Methamphetamine Causes Persistent Immune Dysregulation: A Cross-Species, Translational Report. Neurotoxicity Research, 2011, 20, 59-68.	1.3	121
11	Hypothesis: Sarcoidosis is a STAT1-mediated disease. Clinical Immunology, 2009, 132, 174-183.	1.4	84
12	Single-cell proteomics reveals changes in expression during hair-cell development. ELife, 2019, 8, .	2.8	80
13	Replication and sustainability of improved access and retention within the Network for the Improvement of Addiction Treatment. Drug and Alcohol Dependence, 2008, 98, 63-69.	1.6	78
14	Gene expression profiling of whole blood: Comparison of target preparation methods for accurate and reproducible microarray analysis. BMC Genomics, 2009, 10, 2.	1.2	78
15	Stereocilia-staircase spacing is influenced by myosin III motors and their cargos espin-1 and espin-like. Nature Communications, 2016, 7, 10833.	5.8	72
16	Analysis of long-term behavior of ultraviolet radiation measured by Robertson-Berger meters at 14 sites in the United States. Journal of Geophysical Research, 1997, 102, 8737-8754.	3.3	66
17	Patients with Retinal Vasculitis Rarely Suffer from Systemic Vasculitis. Seminars in Arthritis and Rheumatism, 2012, 41, 859-865.	1.6	66
18	Maximum daily rainfall in South Korea. Journal of Earth System Science, 2007, 116, 311-320.	0.6	64

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19	Unique Gene Expression Profiles of Donor-Matched Human Retinal and Choroidal Vascular Endothelial Cells., 2007, 48, 2676.		63
20	Selective thinning of the perifoveal inner retina as an early sign of hydroxychloroquine retinal toxicity. Eye, 2010, 24, 756-763.	1.1	59
21	Days to treatment and early retention among patients in treatment for alcohol and drug disorders. Addictive Behaviors, 2011, 36, 643-647.	1.7	56
22	"lf You Build It, They Will Come― Attitudes of Medical Residents and Fellows About Seeking Services in a Resident Wellness Program. Journal of Graduate Medical Education, 2013, 5, 486-492.	0.6	56
23	Plastin 1 widens stereocilia by transforming actin filament packing from hexagonal to liquid. Journal of Cell Biology, 2016, 215, 467-482.	2.3	54
24	Rituximab for treatment of ocular inflammatory disease: a series of four cases. British Journal of Ophthalmology, 2009, 93, 546-548.	2.1	53
25	Mechanotransduction-Dependent Control of Stereocilia Dimensions and Row Identity in Inner Hair Cells. Current Biology, 2020, 30, 442-454.e7.	1.8	50
26	Oral microbiota species in acute apical endodontic abscesses. Journal of Oral Microbiology, 2016, 8, 30989.	1.2	46
27	Effect of bioactive glass-containing resin composite on dentin remineralization. Journal of Dentistry, 2018, 75, 58-64.	1.7	44
28	Insights in to the pathogenesis of axial spondyloarthropathy based on gene expression profiles. Arthritis Research and Therapy, 2009, 11, R168.	1.6	43
29	PDZD7-MYO7A complex identified in enriched stereocilia membranes. ELife, 2016, 5, .	2.8	40
30	Proteomic profiling of human retinal and choroidal endothelial cells reveals molecular heterogeneity related to tissue of origin. Molecular Vision, 2007, 13, 2058-65.	1.1	40
31	Reducing HIV-Related Risk Behaviors Among Injection Drug Users in Residential Detoxification. AIDS and Behavior, 2011, 15, 30-44.	1.4	39
32	lgG4 Immunostaining and Its Implications in Orbital Inflammatory Disease. PLoS ONE, 2014, 9, e109847.	1.1	39
33	Evaluation of electronic health record implementation in ophthalmology at an academic medical center (an American Ophthalmological Society thesis). Transactions of the American Ophthalmological Society, 2013, 111, 70-92.	1.4	39
34	Cluster Analysis of Patients With Ocular Surface Disease, Blepharitis, and Dry Eye. JAMA Ophthalmology, 2004, 122, 1700.	2.6	38
35	Association of Interleukin 23 Receptor Gene with Sarcoidosis. Disease Markers, 2011, 31, 17-24.	0.6	38
36	The proteome of mouse vestibular hair bundles over development. Scientific Data, 2015, 2, 150047.	2.4	38

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37	Distinguishing Tuberculosis from Nontuberculous Mycobacteria Lung Disease, Oregon, USA. Emerging Infectious Diseases, 2011, 17, 506-509.	2.0	37
38	Test–Retest Variability of Functional and Structural Parameters in Patients with Stargardt Disease Participating in the SAR422459 Gene Therapy Trial. Translational Vision Science and Technology, 2016, 5, 10.	1.1	37
39	Predictive Value of Frequency Doubling Technology Perimetry for Detecting Glaucoma in a Developing Country. Journal of Glaucoma, 2005, 14, 128-134.	0.8	36
40	Risk factors for retinopathy of prematurity: insights from outlier infants. Graefe's Archive for Clinical and Experimental Ophthalmology, 2014, 252, 1669-1677.	1.0	36
41	The course of retinal vasculitis. British Journal of Ophthalmology, 2014, 98, 785-789.	2.1	36
42	Promoting Resident Wellness. Academic Medicine, 2015, 90, 678-683.	0.8	35
43	Causes of Visual Impairment and Common Eye Problems in Northwest American Indians and Alaska Natives. American Journal of Public Health, 2005, 95, 881-886.	1.5	34
44	Impact of an Electronic Health Record Operating Room Management System in Ophthalmology on Documentation Time, Surgical Volume, and Staffing. JAMA Ophthalmology, 2014, 132, 586.	1.4	33
45	Molecular diagnosis of orbital inflammatory disease. Experimental and Molecular Pathology, 2015, 98, 225-229.	0.9	33
46	Orbital pseudotumor can be a localized form of granulomatosis with polyangiitis as revealed by gene expression profiling. Experimental and Molecular Pathology, 2015, 99, 271-278.	0.9	33
47	A Novel Approach to Increase Residents' Involvement in Reporting Adverse Events. Academic Medicine, 2011, 86, 742-746.	0.8	32
48	Distinct energy metabolism of auditory and vestibular sensory epithelia revealed by quantitative mass spectrometry using MS2 intensity. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E268-77.	3.3	32
49	Mortality after Respiratory Isolation of Nontuberculous Mycobacteria: A Comparison of Patients Who Did and Did Not Meet Disease Criteria. Annals of the American Thoracic Society, 2017, 14, 1112-1119.	1.5	32
50	Adipocytokine signaling is altered in flinders sensitive line rats, and adiponectin correlates in humans with some symptoms of depression. Pharmacology Biochemistry and Behavior, 2013, 103, 643-651.	1.3	31
51	Parallel Gene Expression Changes in Sarcoidosis Involving the Lacrimal Gland, Orbital Tissue, or Blood. JAMA Ophthalmology, 2015, 133, 770.	1.4	31
52	Otitis Media Impacts Hundreds of Mouse Middle and Inner Ear Genes. PLoS ONE, 2013, 8, e75213.	1.1	31
53	Isoflurane is an effective alternative to ketamine/xylazine/acepromazine as an anesthetic agent for the mouse electroretinogram. Documenta Ophthalmologica, 2007, 115, 187-201.	1.0	30
54	Barriers to innovation in continuing medical education. Journal of Continuing Education in the Health Professions, 2008, 28, 148-156.	0.4	30

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55	Electronic health record impact on productivity and efficiency in an academic pediatric ophthalmology practice. Journal of AAPOS, 2014, 18, 584-589.	0.2	30
56	Annexin A5 is the Most Abundant Membrane-Associated Protein in Stereocilia but is Dispensable for Hair-Bundle Development and Function. Scientific Reports, 2016, 6, 27221.	1.6	28
57	RNA-Seq of human whole blood: Evaluation of globin RNA depletion on Ribo-Zero library method. Scientific Reports, 2020, 10, 6271.	1.6	28
58	The Effects of Electronic Health Record Implementation on Medical Student Educators. Teaching and Learning in Medicine, 2012, 24, 106-110.	1.3	27
59	Fibrosis, gene expression and orbital inflammatory disease. British Journal of Ophthalmology, 2015, 99, 1424-1429.	2.1	27
60	Characteristics and Visual Outcome of Patients With Retinal Vasculitis. JAMA Ophthalmology, 2012, 130, 1261.	2.6	26
61	Correlation of Actin Crosslinker and Capper Expression Levels with Stereocilia Growth Phases. Molecular and Cellular Proteomics, 2014, 13, 606-620.	2.5	26
62	Tofacitinib as a Steroid-Sparing Therapy in Pulmonary Sarcoidosis, an Open-Label Prospective Proof-of-Concept Study. Lung, 2021, 199, 147-153.	1.4	26
63	The Impact of Eyeglasses on Vision-Related Quality of Life in American Indian/Alaska Natives. American Journal of Ophthalmology, 2011, 151, 175-182.e2.	1.7	25
64	Digenic inheritance of deafness caused by 8J allele of myosin-VIIA and mutations in other Usher I genes. Human Molecular Genetics, 2012, 21, 2588-2598.	1.4	25
65	Sex-specific differences in the salivary microbiome of caries-active children. Journal of Oral Microbiology, 2019, 11, 1653124.	1.2	25
66	Biologics, spondylitis and COVID-19. Annals of the Rheumatic Diseases, 2020, 79, 1663-1665.	0.5	25
67	Personal time off and residents' career satisfaction, attitudes and emotions. Medical Education, 2010, 44, 977-984.	1.1	24
68	Threeâ€Year Safety Results of SAR422459 (EIAVâ€ABCA4) Gene Therapy in Patients With ABCA4â€Associated Stargardt Disease: An Open‣abel Doseâ€Escalation Phase I/IIa Clinical Trial, Cohorts 1â€5. American Journal of Ophthalmology, 2022, 240, 285-301.	1.7	24
69	Predicting outpatient treatment entry following detoxification for injection drug use: The impact of patient and program factors. Journal of Substance Abuse Treatment, 2010, 38, S87-S96.	1.5	23
70	Accuracy and Reliability of Eye-Based vs Quadrant-Based Diagnosis of Plus Disease in Retinopathy of Prematurity. JAMA Ophthalmology, 2018, 136, 648.	1.4	22
71	Gene Expression Profiling and Heterogeneity of Nonspecific Orbital Inflammation Affecting the Lacrimal Gland. JAMA Ophthalmology, 2017, 135, 1156.	1.4	22
72	Association of interleukin 23 receptor gene with sarcoidosis. Disease Markers, 2011, 31, 17-24.	0.6	22

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73	Prediction of cis-regulatory elements controlling genes differentially expressed by retinal and choroidal vascular endothelial cells. Journal of Ocular Biology, Diseases, and Informatics, 2008, 1, 37-45.	0.2	21
74	Non-specific orbital inflammation: Current understanding and unmet needs. Progress in Retinal and Eye Research, 2021, 81, 100885.	7.3	20
75	Patient and provider comfort discussing substance use. Family Medicine, 2013, 45, 109-17.	0.3	20
76	Radiation Pretreatment Does Not Protect the Rat Optic Nerve From Elevated Intraocular Pressure-Induced Injury. Investigative Ophthalmology and Visual Science, 2015, 56, 412-419.	3.3	19
77	The Effect of HLA-B27 on Susceptibility and Severity of COVID-19. Journal of Rheumatology, 2021, 48, 621-622.	1.0	19
78	A Time Course Microarray Study of Gene Expression in the Mouse Lacrimal Gland after Acute Corneal Trauma., 2005, 46, 461.		18
79	Awareness of and participation in maintenance of professional certification: A prospective study. Journal of Continuing Education in the Health Professions, 2007, 27, 164-172.	0.4	18
80	A LargeGLC1CGreek Family with a Myocilin T377M Mutation: Inheritance and Phenotypic Variability., 2006, 47, 620.		17
81	A comparison study of career satisfaction and emotional states between primary care and speciality residents. Medical Education, 2006, 40, 79-86.	1.1	17
82	The Role of the Immune Response in the Pathogenesis of Thyroid Eye Disease: A Reassessment. PLoS ONE, 2015, 10, e0137654.	1.1	17
83	The impact of the implementation of work hour requirements on residents' career satisfaction, attitudes and emotions. BMC Medical Education, 2006, 6, 53.	1.0	16
84	Education to return nonpracticing physicians to clinical activity: A case study in physician reentry. Journal of Continuing Education in the Health Professions, 2010, 30, 89-94.	0.4	16
85	Magnesium-Dependent Promotion of H ₂ O ₂ Production Increases Ecological Competitiveness of Oral Commensal Streptococci. Journal of Dental Research, 2020, 99, 847-854.	2.5	16
86	Reduction in Oregon's Medication Dosing Visits After the SARS-CoV-2 Relaxation of Restrictions on Take-home Medication. Journal of Addiction Medicine, 2021, 15, 516-518.	1.4	16
87	Mass spectrometry quantitation of proteins from small pools of developing auditory and vestibular cells. Scientific Data, 2018, 5, 180128.	2.4	16
88	The Effect of Visual Impairment on Vision-Related Quality of Life in American Indian/Alaska Natives. Ophthalmic Epidemiology, 2009, 16, 128-135.	0.8	15
89	Gender and laterality affect recurrences of acute anterior uveitis. British Journal of Ophthalmology, 2010, 94, 1643-1647.	2.1	15
90	Preliminary Report on Interleukin-22, GM-CSF, and IL-17F in the Pathogenesis of Acute Anterior Uveitis. Ocular Immunology and Inflammation, 2021, 29, 558-565.	1.0	15

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91	A mid year comparison study of career satisfaction and emotional states between residents and faculty at one academic medical center. BMC Medical Education, 2006, 6, 36.	1.0	14
92	A Comparison Between Physicians and Demographically Similar Peers in Accessing Personal Health Care. Academic Medicine, 2012, 87, 327-331.	0.8	14
93	Hair-bundle proteomes of avian and mammalian inner-ear utricles. Scientific Data, 2015, 2, 150074.	2.4	14
94	Characterizing Extravascular Neutrophil Migration In Vivo in the Iris. Inflammation, 2008, 31, 105-111.	1.7	13
95	The Influence of Nurse Home Visits, Including Provision of 3 Months of Contraceptives and Contraceptive Counseling, on Perceived Barriers to Contraceptive Use and Contraceptive Use Self-Efficacy. Women's Health Issues, 2008, 18, 471-481.	0.9	13
96	COMPARISON OF DIGITAL FUNDUS PHOTOGRAPHIC AND ECHOGRAPHIC MEASUREMENTS FOR MAXIMAL LINEAR DIMENSION FROM EYES WITH CHOROIDAL MELANOMA. Retina, 2009, 29, 1321-1327.	1.0	13
97	Identifying RNA Biomarkers and Molecular Pathways Involved in Multiple Subtypes of Uveitis. American Journal of Ophthalmology, 2021, 226, 226-234.	1.7	13
98	Children with autism spectrum disorder: Pilot studies examining the salivary microbiome and implications for gut metabolism and social behavior. Human Microbiome Journal, 2020, 15, 100066.	3.8	12
99	Bleaching toothpaste with two different concentrations of hydrogen peroxide: A randomized double-blinded clinical trial. Journal of Dentistry, 2020, 103, 103508.	1.7	12
100	Assessing rheumatologists' attitudes and utilization of classification criteria for ankylosing spondylitis and axial spondyloarthritis: a global effort. Clinical Rheumatology, 2021, 40, 949-954.	1.0	12
101	Determinants of Patient Satisfaction in an Academic Rheumatology Practice. Journal of Clinical Rheumatology, 2015, 21, 256-262.	0.5	11
102	Intratympanically Delivered Steroids Impact Thousands More Inner Ear Genes Than Systemic Delivery. Annals of Otology, Rhinology and Laryngology, 2019, 128, 134S-138S.	0.6	11
103	Effect of various agitation methods on adhesive layer formation of HEMA-free universal dentin adhesive. Dental Materials Journal, 2019, 38, 101-106.	0.8	11
104	Imaging Retinal Vascular Changes in the Mouse Model of Oxygen-Induced Retinopathy. Translational Vision Science and Technology, 2012, 1, 5.	1.1	10
105	Gene Expression Pathways across Multiple Tissues in Antineutrophil Cytoplasmic Antibody-associated Vasculitis Reveal Core Pathways of Disease Pathology. Journal of Rheumatology, 2019, 46, 609-615.	1.0	10
106	A Highâ∈Resolution Analysis of Process Improvement: Use of Quantile Regression for Wait Time. Health Services Research, 2013, 48, 333-347.	1.0	9
107	Revising the Diagnosis of Idiopathic Uveitis by Peripheral Blood Transcriptomics. American Journal of Ophthalmology, 2021, 222, 15-23.	1.7	9
108	The Interplay Between COVID-19 and Spondyloarthritis or Its Treatment. Journal of Rheumatology, 2022, 49, 225-229.	1.0	9

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109	Relationship of optic disk topography and visual function in patients withlarge cup-to-disk ratios. American Journal of Ophthalmology, 2003, 136, 888-894.	1.7	8
110	Use of a voice and video internet technology as an alternative to in-person urgent care clinic visits. Journal of Telemedicine and Telecare, 2015, 21, 219-226.	1.4	8
111	In silico Single-Cell Analysis of Steroid-Responsive Gene Targets in the Mammalian Cochlea. Frontiers in Neurology, 2021, 12, 818157.	1.1	8
112	T cell–antigen-presenting cell interactions visualized in vivo in a model of antigen-specific inflammation. Clinical Immunology, 2008, 126, 270-276.	1.4	7
113	Long-term follow-up of patients treated with multiple fluocinolone acetonide implants for noninfectious uveitis. Journal of Ophthalmic Inflammation and Infection, 2012, 2, 177-182.	1.2	7
114	Incidence of Retinal Detachment after Fellow-Performed Primary Pars Plana Vitrectomy. ISRN Ophthalmology, 2013, 2013, 1-4.	1.7	7
115	Molecular diagnosis: Implications for ophthalmology. Progress in Retinal and Eye Research, 2016, 50, 25-33.	7.3	7
116	HLA-B27 is associated with reduced disease activity in axial spondyloarthritis. Scientific Reports, 2021, 11, 12331.	1.6	7
117	Determining the cost of tuberculosis case management in a low-incidence state. International Journal of Tuberculosis and Lung Disease, 2008, 12, 301-7.	0.6	7
118	ANKRD24 organizes TRIOBP to reinforce stereocilia insertion points. Journal of Cell Biology, 2022, 221,	2.3	7
119	Condition-specific coregulation with cis-regulatory motifs and modules in the mouse genome. Genomics, 2006, 87, 500-508.	1.3	6
120	Application of Biostatistics and Bioinformatics Tools to Identify Putative Transcription Factor-Gene Regulatory Network of Ankylosing Spondylitis and Sarcoidosis. Communications in Statistics - Theory and Methods, 2009, 38, 3326-3338.	0.6	6
121	Resident wellness: institutional trends over 10 years since 2003. Advances in Medical Education and Practice, 2017, Volume 8, 513-523.	0.7	6
122	Kullback-Leibler Information of the Equilibrium Distribution Function and its Application to Goodness of Fit Test. Communications for Statistical Applications and Methods, 2014, 21, 125-134.	0.1	6
123	Correspondence on †Factors associated with COVID-19-related death in people with rheumatic diseases: results from the COVID-19 Global Rheumatology Alliance physician-reported registry†Annals of the Rheumatic Diseases, 2023, 82, e138-e138.	0.5	4
124	Effect of Novel Bioactive Glass-Containing Dentin Adhesive on the Permeability of Demineralized Dentin. Materials, 2021, 14, 5423.	1.3	4
125	A semiparametric mixture method for local false discovery rate estimation from multiple studies. Annals of Applied Statistics, 2020, 14, .	0.5	4
126	Possible association between scleritis and lymphoma. British Journal of Ophthalmology, 2007, 91, 1728-1729.	2.1	3

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127	A Model for Link Pruning to Establish Correctly Polarized and Oriented Tip Links in Hair Bundles. Biophysical Journal, 2017, 113, 1868-1881.	0.2	3
128	Postoperative Complication Rates in 23- vs 25-Gauge Pars Plana Vitrectomy. Journal of Vitreoretinal Diseases, 2018, 2, 272-275.	0.2	3
129	Adjunctive dental therapies in caries-active children: Shifting the cariogenic salivary microbiome from dysbiosis towards non-cariogenic health. Human Microbiome Journal, 2020, 18, 100077.	3.8	3
130	Radiologic imaging shows variable accuracy in diagnosing orbital inflammatory disease and assessing its activity. Scientific Reports, 2020, 10, 21875.	1.6	3
131	Root Coverage Predictability in the Treatment of Gingival Recessions on Mandibular Anterior Teeth. JDR Clinical and Translational Research, 2022, 7, 224-233.	1.1	3
132	How is the Equity REIT Sector Related to Other Major Equity Sectors in the Presence of Abnormal Returns and Volatilities? A Tail Effect Study. Journal of Real Estate Portfolio Management, 2011, 17, 89-111.	0.5	2
133	Enrichment of IGF-1R and PPARÎ ³ signalling pathways in orbital inflammatory diseases: steps toward understanding pathogenesis. British Journal of Ophthalmology, 2022, 106, 1012-1017.	2.1	2
134	A statistical model for latitudinal correlations of satellite data. Journal of Geophysical Research, 2002, 107, ACL 7-1.	3.3	1
135	Information matrix for a mixture of two Laplace distributions. Statistical Papers, 2009, 50, 1-12.	0.7	1
136	Plug the Leak: Align Public Spending With Public Need. Journal of Graduate Medical Education, 2012, 4, 293-295.	0.6	1
137	Clustering with varying risks of false assignments in discrete latent variable model. Statistical Methods in Medical Research, 2020, 29, 2932-2944.	0.7	1
138	Current Models for Inpatient and Emergency Room Ophthalmology Consultation in U.S. Residency Programs. Journal of Academic Ophthalmology (2017), 2020, 12, e171-e174.	0.2	1
139	AB0744â€Does timing of initiation of anti-tnf agents affect the quality of life outcomes in patients with psoriasis and psoriatic arthritis?. , 2017, , .		O