Yao-Shen Chen

List of Publications by Year in descending order

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394421 501196 1,420 110 19 28 citations h-index g-index papers 114 114 114 2157 docs citations times ranked citing authors all docs

#	Article	IF	Citations
1	Recommendations and guidelines for the treatment of pneumonia in Taiwan. Journal of Microbiology, Immunology and Infection, 2019, 52, 172-199.	3.1	78
2	Airborne Transmission of Melioidosis to Humans from Environmental Aerosols Contaminated with B. pseudomallei. PLoS Neglected Tropical Diseases, 2015, 9, e0003834.	3.0	55
3	Nationwide surveillance of antimicrobial resistance among clinically important Gram-negative bacteria, with an emphasis on carbapenems and colistin: Results from the Surveillance of Multicenter Antimicrobial Resistance in Taiwan (SMART) in 2018. International Journal of Antimicrobial Agents, 2019, 54, 318-328.	2.5	41
4	Immunogenicity and anti-Burkholderia pseudomallei activity in Balb/c mice immunized with plasmid DNA encoding flagellin. Vaccine, 2006, 24, 750-758.	3.8	38
5	The Antimicrobial Susceptibility of Klebsiella pneumoniae from Community Settings in Taiwan, a Trend Analysis. Scientific Reports, 2016, 6, 36280.	3.3	36
6	Abbreviated duration of superheat-and-flush and disinfection of taps for Legionella disinfection: Lessons learned from failure. American Journal of Infection Control, 2005, 33, 606-610.	2.3	35
7	Distribution of Melioidosis Cases and Viable <i>Burkholderia pseudomallei</i> in Soil: Evidence for Emerging Melioidosis in Taiwan. Journal of Clinical Microbiology, 2010, 48, 1432-1434.	3.9	33
8	Orbital apex syndrome: an unusual complication of herpes zoster ophthalmicus. BMC Infectious Diseases, 2015, 15, 33.	2.9	33
9	The use of statins was associated with reduced COVID-19 mortality: a systematic review and meta-analysis. Annals of Medicine, 2021, 53, 874-884.	3.8	33
10	Pseudomonas aeruginosa infective endocarditis in patients who do not use intravenous drugs: Analysis of risk factors and treatment outcomes. Journal of Microbiology, Immunology and Infection, 2016, 49, 516-522.	3.1	32
11	Impact of implementation of the World Health Organization multimodal hand hygiene improvement strategy in a teaching hospital in Taiwan. American Journal of Infection Control, 2016, 44, 222-227.	2.3	30
12	Prevalence of latent tuberculosis infection in BCG-vaccinated healthcare workers by using an interferon-gamma release assay and the tuberculin skin test in an intermediate tuberculosis burden country. Journal of Microbiology, Immunology and Infection, 2015, 48, 147-152.	3.1	29
13	Identifying heterogeneity in the Hawthorne effect on hand hygiene observation: a cohort study of overtly and covertly observed results. BMC Infectious Diseases, 2018, 18, 369.	2.9	27
14	Recombinant Truncated Flagellin of Burkholderia pseudomallei as a Molecular Probe for Diagnosis of Melioidosis. Vaccine Journal, 2003, 10, 423-425.	3.1	26
15	Recommendations and guidelines for the treatment of infections due to multidrug resistant organisms. Journal of Microbiology, Immunology and Infection, 2022, 55, 359-386.	3.1	25
16	Bloodstream infection with extended-spectrum beta-lactamase–producing Escherichia coli: The role of virulence genes. Journal of Microbiology, Immunology and Infection, 2019, 52, 947-955.	3.1	24
17	Randomized Noninferiority Trial of Cefoperazone-Sulbactam versus Cefepime in the Treatment of Hospital-Acquired and Healthcare-Associated Pneumonia. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	23
18	Activity of ceftolozane-tazobactam against Gram-negative pathogens isolated from lower respiratory tract infections in the Asia-Pacific region: SMART 2015-2016. International Journal of Antimicrobial Agents, 2020, 55, 105883.	2.5	23

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19	Synergy of Î ² -Lactams with Vancomycin against Methicillin-Resistant Staphylococcus aureus: Correlation of Disk Diffusion and Checkerboard Methods. Journal of Clinical Microbiology, 2016, 54, 565-568.	3.9	22
20	High daily doses of trimethoprim/sulfamethoxazole are an independent risk factor for adverse reactions in patients with pneumocystis pneumonia and AIDS. Journal of the Chinese Medical Association, 2016, 79, 314-319.	1.4	20
21	Recommendations and guidelines for the treatment of Clostridioides difficile infection in Taiwan. Journal of Microbiology, Immunology and Infection, 2020, 53, 191-208.	3.1	20
22	Extended-spectrum \hat{l}^2 -lactamase-producing Escherichia coli bacteremia: Comparison of pediatric and adult populations. Journal of Microbiology, Immunology and Infection, 2018, 51, 723-731.	3.1	19
23	Clinical characteristics of patients with bacteraemia due to the emergence of mcr-1-harbouring Enterobacteriaceae in humans and pigs in Taiwan. International Journal of Antimicrobial Agents, 2018, 52, 651-657.	2.5	19
24	Antimicrobial Non-Susceptibility of Escherichia coli from Outpatients and Patients Visiting Emergency Rooms in Taiwan. PLoS ONE, 2015, 10, e0144103.	2.5	18
25	Rates of susceptibility of carbapenems, ceftobiprole, and colistin against clinically important bacteria collected from intensive care units in 2007: Results from the Surveillance of Multicenter Antimicrobial Resistance in Taiwan (SMART). Journal of Microbiology, Immunology and Infection, 2016, 49, 969-976.	3.1	18
26	Development of a prediction model for bacteremia in hospitalized adults with cellulitis to aid in the efficient use of blood cultures: a retrospective cohort study. BMC Infectious Diseases, 2016, 16, 581.	2.9	17
27	Prevalence and risk factors for colonization by extended-spectrum \hat{l}^2 -lactamase-producing or ST 131 Escherichia coli among asymptomatic adults in community settings in Southern Taiwan. Infection and Drug Resistance, 2019, Volume 12, 1063-1071.	2.7	17
28	Transmission and Demographic Dynamics of Coxsackievirus B1. PLoS ONE, 2015, 10, e0129272.	2.5	17
29	Genome and Infection Characteristics of Human Parechovirus Type 1: The Interplay between Viral Infection and Type I Interferon Antiviral System. PLoS ONE, 2015, 10, e0116158.	2.5	16
30	Inhibition of the Mycobacterium tuberculosis reserpine-sensitive efflux pump augments intracellular concentrations of ciprofloxacin and enhances susceptibility of some clinical isolates. Journal of the Formosan Medical Association, 2013, 112, 789-794.	1.7	15
31	Comparison of Acute Lobar Nephronia and Acute Pyelonephritis in Children: A Single-Center Clinical Analysis in Southern Taiwan. Pediatrics and Neonatology, 2015, 56, 176-182.	0.9	15
32	A nationwide covert observation study using a novel method for hand hygiene compliance in health care. American Journal of Infection Control, 2017, 45, 240-244.	2.3	15
33	High rate of HIV-1 drug resistance in treatment failure patients in Taiwan, 2009–2014. Infection and Drug Resistance, 2017, Volume 10, 343-352.	2.7	15
34	National Surveillance of Antimicrobial Susceptibility of Bacteremic Gram-Negative Bacteria with Emphasis on Community-Acquired Resistant Isolates: Report from the 2019 Surveillance of Multicenter Antimicrobial Resistance in Taiwan (SMART). Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	15
35	InÂvitro activity of cefiderocol, cefepime/enmetazobactam, cefepime/zidebactam, eravacycline, omadacycline, and other comparative agents against carbapenem-non-susceptible Pseudomonas aeruginosa and Acinetobacter baumannii isolates associated from bloodstream infection in Taiwan between 2018–2020. lournal of Microbiology. Immunology and Infection. 2022, 55, 888-895.	3.1	15
36	Dexamethasone inhibits brain apoptosis in mice with eosinophilic meningitis caused by Angiostrongylus cantonensis infection. Parasites and Vectors, 2015, 8, 200.	2.5	14

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37	Clinical and microbiological characteristics of purulent and non-purulent cellulitis in hospitalized Taiwanese adults in the era of community-associated methicillin-resistant Staphylococcus aureus. BMC Infectious Diseases, 2015, 15, 311.	2.9	14
38	Prevalence of latent tuberculosis infection in persons with and without human immunodeficiency virus infection using two interferon-gamma release assays and tuberculin skin test in a low human immunodeficiency virus prevalence, intermediate tuberculosis-burden country. Journal of Microbiology, Immunology and Infection, 2016, 49, 729-736.	3.1	14
39	Comparison of long-term mortality in patients with acute myocardial infarction associated with or without sepsis. International Journal of Infectious Diseases, 2019, 79, 169-178.	3.3	14
40	Rapid establishment of a COVID-19 biobank in NHRI by National Biobank Consortium of Taiwan. Biomedical Journal, 2020, 43, 314-317.	3.1	14
41	Emergence of sporadic non-clustered cases of hospital-associated listeriosis among immunocompromised adults in southern Taiwan from 1992 to 2013; effect of precipitating immunosuppressive agents. BMC Infectious Diseases, 2014, 14, 145.	2.9	13
42	Higher rate of hepatitis events in patients with human immunodeficiency virus, hepatitis B, and hepatitis D genotype II infection: A cohort study in a medical center in southern Taiwan. Journal of Microbiology, Immunology and Infection, 2015, 48, 20-27.	3.1	13
43	Patient assessment of diabetes care in a pay-for-performance program. International Journal for Quality in Health Care, 2016, 28, 183-190.	1.8	13
44	Urinary tract infection in infants caused by extended-spectrum beta-lactamase-producing Escherichia coli: comparison between urban and rural hospitals. Pediatric Nephrology, 2016, 31, 1305-1312.	1.7	13
45	Uveitis as an initial manifestation of acquired immunodeficiency syndrome. International Journal of STD and AIDS, 2017, 28, 1224-1228.	1.1	13
46	Relationship between the distribution of cefepime minimum inhibitory concentrations and detection of extended-spectrum β-lactamase production among clinically important Enterobacteriaceae isolates obtained from patients in intensive care units in Taiwan: Results from the Surveillance of Multicenter Antimicrobial Resistance in Taiwan (SMART) in 2007. Journal of Microbiology, Immunology and	3.1	12
47	Infection, 2015, 48, 85-91. Trend of HIV transmitted drug resistance before and after implementation of HAART regimen restriction in the treatment of HIV-1 infected patients in southern Taiwan. BMC Infectious Diseases, 2019, 19, 741.	2.9	12
48	In-vitro activity of cefiderocol, cefepime/zidebactam, cefepime/enmetazobactam, omadacycline, eravacycline and other comparative agents against carbapenem-nonsusceptible Enterobacterales: results from the Surveillance of Multicenter Antimicrobial Resistance in Taiwan (SMART) in 2017–2020. International Journal of Antimicrobial Agents, 2021, 58, 106377.	2.5	12
49	Comparison of diagnostic tools with multiplex polymerase chain reaction for pediatric lower respiratory tract infection: A single center study. Journal of Microbiology, Immunology and Infection, 2013, 46, 413-418.	3.1	11
50	Alteration of the Phenotypic and Pathogenic Patterns of Burkholderia pseudomallei that Persist in a Soil Environment. American Journal of Tropical Medicine and Hygiene, 2014, 90, 469-479.	1.4	11
51	Molecular Epidemiology of Tuberculosis in Kaohsiung City Located at Southern Taiwan, 2000-2008. PLoS ONE, 2015, 10, e0117061.	2.5	11
52	Prevalence and associated factors for HIV-1 transmitted drug resistance in voluntary clients for counseling and testing in Southern Taiwan. Journal of Microbiology, Immunology and Infection, 2016, 49, 487-493.	3.1	11
53	Involvement of L-selectin expression in <i>Burkholderia pseudomallei</i> infected monocytes invading the brain during murine melioidosis. Virulence, 2017, 8, 751-766.	4.4	11
54	Phenotypic characteristics and pathogenic ability across distinct morphotypes of Burkholderia pseudomallei DT. Microbiology and Immunology, 2009, 53, 184-189.	1.4	11

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55	Isolation of dengue virus from the upper respiratory tract of four patients with dengue fever. PLoS Neglected Tropical Diseases, 2017, 11, e0005520.	3.0	11
56	Detection of Aichi virus with antibody targeting of conserved viral protein 1 epitope. Applied Microbiology and Biotechnology, 2013, 97, 8529-8536.	3.6	10
57	Rapid Control of a SARS-CoV-2 B.1.617.2 (Delta) Variant COVID-19 Community Outbreak: The Successful Experience in Pingtung County of Taiwan. International Journal of Environmental Research and Public Health, 2022, 19, 1421.	2.6	10
58	Comparison of Whole-Genome Sequences from Two Colony Morphovars of Burkholderia pseudomallei. Genome Announcements, 2015, 3, .	0.8	9
59	Transmission Modes of Melioidosis in Taiwan. Tropical Medicine and Infectious Disease, 2018, 3, 26.	2.3	9
60	National surveillance of antimicrobial susceptibilities to dalbavancin, telavancin, tedizolid, eravacycline, omadacycline and other comparator antibiotics and serotype distribution of invasive Streptococcus pneumoniae isolates in adults: results from the Surveillance of Multicenter Antimicrobial Resistance in Taiwan (SMART) programme in 2017–2020. Journal of Global Antimicrobial	2,2	9
61	Resistance, 2021, 26, 308-316. Chemokine co-receptor usage in HIV-1-infected treatment-naive voluntary counselling and testing clients in Southern Taiwan. BMJ Open, 2015, 5, e007334-e007334.	1.9	8
62	Rapid onset of rhabdomyolysis after switching to a raltegravir-based antiretroviral regimen. Journal of Microbiology, Immunology and Infection, 2016, 49, 286-288.	3.1	8
63	Human Parechovirus Infection in Children in Taiwan: a Retrospective, Single-Hospital Study. Japanese Journal of Infectious Diseases, 2018, 71, 291-297.	1.2	8
64	HIV-1 integrase strand-transfer inhibitor resistance in southern Taiwan. Oncotarget, 2018, 9, 24927-24935.	1.8	8
65	Burkholderia pseudomallei-loaded cells act as a Trojan horse to invade the brain during endotoxemia. Scientific Reports, 2018, 8, 13632.	3.3	8
66	Use of 3-hydroxy fatty acid concentrations in a murine air pouch infection model as a surrogate marker for LPS activity: A feasibility study using environmental Burkholderia cenocepacia isolates. Journal of Microbiological Methods, 2011, 87, 368-374.	1.6	7
67	Dexamethasone downregulated the expression of CSF 14 - 3 - $3\hat{l}^2$ protein in mice with eosinophilic meningitis caused by Angiostrongylus cantonensis infection. Acta Tropica, 2014, 131, 98-103.	2.0	7
68	Ocular Manifestations of Human Immunodeficiency Virus Infection at a Tertiary Referral Center in Taiwan. Ocular Immunology and Inflammation, 2019, 27, 1071-1076.	1.8	7
69	Antimicrobial susceptibility of bacteremic vancomycin-resistant Enterococcus faecium to eravacycline, omadacycline, lipoglycopeptides, and other comparator antibiotics: Results from the 2019â€"2020 Nationwide Surveillance of Multicenter Antimicrobial Resistance in Taiwan (SMART).	2.5	7
70	International lournal of Antimicrobial Agents, 2021, 58, 106353. Trend in vancomycin susceptibility and correlation with molecular characteristics of methicillin-resistant Staphylococcus aureus causing invasive infections in Taiwan: results from the Tigecycline in vitro Surveillance in Taiwan (TIST) study, 2006–2010. Diagnostic Microbiology and Infectious Disease, 2014, 80, 162-167.	1.8	6
71	Phylodynamic reconstruction of the spatiotemporal transmission and demographic history of coxsackievirus B2. BMC Bioinformatics, 2015, 16, 302.	2.6	6
72	Highly active antiretroviral therapy-related hepatotoxicity in human immunodeficiency virus and hepatitis C virus co-infected patients with advanced liver fibrosis in Taiwan. Journal of Microbiology, Immunology and Infection, 2016, 49, 546-553.	3.1	6

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73	Comparisons of etiology and diagnostic tools of lower respiratory tract infections in hospitalized young children in Southern Taiwan in two seasons. Journal of Microbiology, Immunology and Infection, 2016, 49, 539-545.	3.1	6
74	<p>Rectovaginal Colonization With Pathogenic Escherichia coli During Pregnancy And Neonatal Outcomes</p> . Infection and Drug Resistance, 2019, Volume 12, 3103-3112.	2.7	6
75	Use of prophylactic antibiotics in surgery at a medical center in southern Taiwan. Journal of the Formosan Medical Association, 2002, 101, 741-8.	1.7	6
76	The Clinical Outcomes of Antimicrobial Therapy in Pediatric Patients With Nontyphoid Salmonellosis With Different Levels of Severity. Clinical Pediatrics, 2014, 53, 967-974.	0.8	5
77	Carbapenem susceptibility among Escherichia coli, Klebsiella pneumoniae, and Enterobacter cloacae isolates obtained from patients in intensive care units in Taiwan in 2005, 2007, and 2009. Diagnostic Microbiology and Infectious Disease, 2015, 81, 290-295.	1.8	5
78	Evolutionary histories of coxsackievirus B5 and swine vesicular disease virus reconstructed by phylodynamic and sequence variation analyses. Scientific Reports, 2018, 8, 8821.	3.3	5
79	Nationwide surveillance of antimicrobial resistance in invasive isolates of Streptococcus pneumoniae in Taiwan from 2017 to 2019. Journal of Microbiology, Immunology and Infection, 2022, 55, 215-224.	3.1	5
80	High Baseline C-Reactive Protein Level Can Predict the Occurrence of the Jarisch–Herxheimer Reaction in Patients with Active Syphilis. Infection and Drug Resistance, 2021, Volume 14, 5121-5129.	2.7	5
81	A Positive Correlation between Steroid Injections and Cuff Tendon Tears: A Cohort Study Using a Clinical Database. International Journal of Environmental Research and Public Health, 2022, 19, 4520.	2.6	5
82	Elevated cerebrospinal fluid nitrite level in human immunodeficiency virus-infected patients with neurosyphilis. Journal of Microbiology, Immunology and Infection, 2014, 47, 512-517.	3.1	4
83	Genomic Sequence of Burkholderia multivorans NKI379, a Soil Bacterium That Inhibits the Growth of Burkholderia pseudomallei. Genome Announcements, 2015, 3, .	0.8	4
84	A Clinical Algorithm to Identify HIV Patients at High Risk for Incident Active Tuberculosis: A Prospective 5-Year Cohort Study. PLoS ONE, 2015, 10, e0135801.	2.5	4
85	Disseminated tuberculosis presenting as tuberculous peritonitis and sepsis tuberculosa gravissima in a patient with cirrhosis of the liver: A diagnosis of challenge. Journal of Microbiology, Immunology and Infection, 2016, 49, 608-612.	3.1	4
86	Two Genome Sequences of Klebsiella pneumoniae Strains with Sequence Type 23 and Capsular Serotype K1. Genome Announcements, 2016, 4, .	0.8	4
87	Parechovirus a Detection by a Comprehensive Approach in a Clinical Laboratory. Viruses, 2018, 10, 711.	3.3	4
88	Identifying predictors for bacterial and fungal coinfection on chest computed tomography in patients with Pneumocystis pneumonia. Journal of Microbiology, Immunology and Infection, 2021, 54, 701-709.	3.1	4
89	Seroprevalence of anti-flagellin antibody against Burkholderia pseudomallei in Taiwan. Japanese Journal of Infectious Diseases, 2004, 57, 224-5.	1.2	4
90	Nomogram for diagnosing acute pyelonephritis in pediatric urinary tract infection. Pediatrics and Neonatology, 2022, , .	0.9	4

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91	A lack of ongoing diabetes is an important factor in preserving eyes from late or suboptimally treated endogenous endophthalmitis secondary to Klebsiella pneumoniae liver abscess. Taiwan Journal of Ophthalmology, 2015, 5, 23-27.	0.7	3
92	Complete genome sequence of the first human parechovirus type 3 isolated in Taiwan. Journal of the Chinese Medical Association, 2017, 80, 737-739.	1.4	3
93	Prevalence of HIV-1 Integrase Strand Transfer Inhibitor Resistance in Treatment-Na \tilde{A} ve Voluntary Counselling and Testing Clients by Population Sequencing and Illumina Next-Generation Sequencing in Taiwan. Infection and Drug Resistance, 2020, Volume 13, 4519-4529.	2.7	3
94	Performance and educational training of radiographers in lung nodule or mass detection. Medicine (United States), 2021, 100, e26270.	1.0	3
95	Bloodstream Infections Caused by Extended-Spectrum Beta-Lactamase-Producing Escherichia coli in Patients with Liver Cirrhosis. Pathogens, 2021, 10, 37.	2.8	3
96	561. Safety of Remdesivir vs Standard Care in Patients with Moderate Covid-19. Open Forum Infectious Diseases, 2020, 7, S345-S346.	0.9	3
97	Dexamethasone Downregulates Expressions of $14-3-3\hat{l}^2$ and \hat{l}^3 -Isoforms in Mice with Eosinophilic Meningitis Caused by Angiostrongylus cantonensis Infection. Korean Journal of Parasitology, 2019, 57, 249-256.	1.3	3
98	Efficacy and tolerability of linezolid in treating severe skin and soft tissue infections caused by Gram-positive pathogens. Journal of the Formosan Medical Association, 2004, 103, 349-54.	1.7	3
99	Phenotypic characteristics and pathogenic ability across distinct morphotypes of <i>Burkholderia pseudomallei</i> DT. Microbiology and Immunology, 2009, 53, 184-189.	1.4	2
100	Emergence of a strain of methicillin-resistant Staphylococcus aureus with decreased susceptibility to vancomycin 7 months after treatment with glycopeptide antibiotics. Journal of Microbiology, Immunology and Infection, 2016, 49, 142-145.	3.1	2
101	Efficacy and safety of switching from nevirapine immediate-release twice daily to nevirapine extended-release once daily in virologically suppressed HIV-infected patients: a retrospective cohort study in Taiwan. BMC Infectious Diseases, 2017, 17, 261.	2.9	2
102	Aichi Virus Induces Antiviral Host Defense in Primary Murine Intestinal Epithelial Cells. Viruses, 2019, 11, 763.	3.3	2
103	Distinct Pathogenic Patterns of Burkholderia pseudomallei Isolates Selected from Caenorhabditis elegans and Dictyostelium discoideum Models. American Journal of Tropical Medicine and Hygiene, 2019, 101, 736-745.	1.4	2
104	Improvement in T helper 1â€related immune responses in BALB/c mice immunized with an HIVâ€1 gag plasmid combined with a chimeric plasmid encoding interleukinâ€18 and flagellin. Microbiology and Immunology, 2015, 59, 483-494.	1.4	1
105	HIV-1 genotypic drug resistance in patients with virological failure to single-tablet antiretroviral regimens in southern Taiwan. Infection and Drug Resistance, 2018, Volume 11, 1061-1071.	2.7	1
106	Discordant molecular characterization results in a Mycobacterium avium complex strain isolated from an AIDS patient. Journal of Medical Microbiology, 2005, 54, 681-683.	1.8	0
107	Transmitted Drug Resistance in Treatment-naÃ⁻ve HIV-Infected VCT clients in Taiwan, 2007–2016. Open Forum Infectious Diseases, 2017, 4, S423-S424.	0.9	0
108	Increased 14-3-3 \hat{l}^2 and \hat{l}^3 protein isoform expressions in parasitic eosinophilic meningitis caused by Angiostrongylus cantonensis infection in mice. PLoS ONE, 2019, 14, e0213244.	2.5	0

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109	Reply to Zhou and Wu, "Be Careful with Adverse Events Caused by Cefoperazone-Sulbactam― Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	О
110	Low Seroprevalence of Aichi Virus Infection in Taiwan. Pathogens, 2021, 10, 553.	2.8	0