

# Daisuke Sano

## List of Publications by Year in descending order

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134  
papers

4,024  
citations

136950

32  
h-index

138484

58  
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140  
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140  
docs citations

140  
times ranked

4056  
citing authors

#	ARTICLE	IF	CITATIONS
1	Minimizing errors in RT-PCR detection and quantification of SARS-CoV-2 RNA for wastewater surveillance. <i>Science of the Total Environment</i> , 2022, 805, 149877.	8.0	153
2	Comparison of five polyethylene glycol precipitation procedures for the RT-qPCR based recovery of murine hepatitis virus, bacteriophage phi6, and pepper mild mottle virus as a surrogate for SARS-CoV-2 from wastewater. <i>Science of the Total Environment</i> , 2022, 807, 150722.	8.0	51
3	The water temperature changes the effect of pH on copper toxicity to the green microalgae <i>Raphidocelis subcapitata</i> . <i>Chemosphere</i> , 2022, 291, 133110.	8.2	8
4	Disinfection efficacy and mechanism of olanexidine gluconate against norovirus. <i>American Journal of Infection Control</i> , 2022, 50, 764-771.	2.3	5
5	Unveiling the characterization and development of prokaryotic community during the start-up and long-term operation of a pilot-scale anaerobic membrane bioreactor for the treatment of real municipal wastewater. <i>Science of the Total Environment</i> , 2022, 813, 152643.	8.0	17
6	Virus removal during sewage treatment by anaerobic membrane bioreactor (AnMBR): The role of membrane fouling. <i>Water Research</i> , 2022, 211, 118055.	11.3	10
7	COVID-19 case prediction via wastewater surveillance in a low-prevalence urban community: a modeling approach. <i>Journal of Water and Health</i> , 2022, 20, 459-470.	2.6	24
8	Experimental Adaptation of Murine Norovirus to Calcium Hydroxide. <i>Frontiers in Microbiology</i> , 2022, 13, 848439.	3.5	4
9	Human papillomavirus-related oropharyngeal carcinoma. <i>Japanese Journal of Clinical Oncology</i> , 2022, 52, 700-706.	1.3	1
10	Recent developments of anaerobic membrane bioreactors for municipal wastewater treatment and bioenergy recovery: Focusing on novel configurations and energy balance analysis. <i>Journal of Cleaner Production</i> , 2022, 356, 131856.	9.3	23
11	Partial Substitution of Glucose with Xylitol Prolongs Survival and Suppresses Cell Proliferation and Glycolysis of Mice Bearing Orthotopic Xenograft of Oral Cancer. <i>Nutrients</i> , 2022, 14, 2023.	4.1	0
12	Interface behavior and removal mechanisms of human pathogenic viruses in anaerobic membrane bioreactor (AnMBR). <i>Water Research</i> , 2022, 219, 118596.	11.3	5
13	Improvement of Analytical Method for Heavy Metals in Sediment by Microwave Digestion. <i>Journal of Japan Society on Water Environment</i> , 2022, 45, 171-180.	0.4	0
14	Biochar and GAC intensify anaerobic phenol degradation via distinctive adsorption and conductive properties. <i>Journal of Hazardous Materials</i> , 2021, 405, 124183.	12.4	53
15	Human norovirus disease burden of consuming <i>Crassostrea gigas</i> oysters: A case-study from Japan. <i>Food Control</i> , 2021, 121, 107556.	5.5	4
16	Virus removal by membrane bioreactors: A review of mechanism investigation and modeling efforts. <i>Water Research</i> , 2021, 188, 116522.	11.3	26
17	Effectiveness and safety of nivolumab in patients with head and neck cancer in Japanese real-world clinical practice: a multicenter retrospective clinical study. <i>International Journal of Clinical Oncology</i> , 2021, 26, 494-506.	2.2	40
18	The incidence of newly diagnosed secondary cancer; sub-analysis the prospective study of the second-look procedure for transoral surgery in patients with T1 and T2 head and neck cancer. <i>International Journal of Clinical Oncology</i> , 2021, 26, 59-65.	2.2	6

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19	Early Warning of COVID-19 in Tokyo via Wastewater-based Epidemiology: How Feasible It Really Is?. <i>Journal of Water and Environment Technology</i> , 2021, 19, 170-183.	0.7	9
20	Viral Interference as a Factor of False-Negative in the Infectious Adenovirus Detection Using Integrated Cell Culture-PCR with a BGM Cell Line. <i>Food and Environmental Virology</i> , 2021, 13, 84-92.	3.4	1
21	Hierarchical Bayesian modeling for predictive environmental microbiology toward a safe use of human excreta: Systematic review and meta-analysis. <i>Journal of Environmental Management</i> , 2021, 284, 112088.	7.8	5
22	Pathogenic Role of Immune Evasion and Integration of Human Papillomavirus in Oropharyngeal Cancer. <i>Microorganisms</i> , 2021, 9, 891.	3.6	4
23	Effectiveness of nivolumab affected by prior cetuximab use and neck dissection in Japanese patients with recurrent or metastatic head and neck cancer: results from a retrospective observational study in a real-world setting. <i>International Journal of Clinical Oncology</i> , 2021, 26, 1049-1056.	2.2	4
24	Predictive water virology using regularized regression analyses for projecting virus inactivation efficiency in ozone disinfection. <i>Water Research X</i> , 2021, 11, 100093.	6.1	11
25	Virus Disinfection and Population Genetics: Toward the Control of Waterborne Virus Diseases by Water Engineering. <i>Current Pollution Reports</i> , 2021, 7, 407-416.	6.6	6
26	Early warning of COVID-19 via wastewater-based epidemiology: potential and bottlenecks. <i>Science of the Total Environment</i> , 2021, 767, 145124.	8.0	126
27	Treatment outcomes of transoral robotic and non-robotic surgeries to treat oropharyngeal, hypopharyngeal, and supraglottic squamous cell carcinoma: A multi-center retrospective observational study in Japan. <i>Auris Nasus Larynx</i> , 2021, 48, 502-510.	1.2	12
28	Olanexidine gluconate formulations as environmental disinfectants for enveloped viruses infection control. <i>Journal of Hospital Infection</i> , 2021, 112, 37-41.	2.9	4
29	Tissue-specific expression of the SARS-CoV-2 receptor, angiotensin-converting enzyme 2, in mouse models of chronic kidney disease. <i>Scientific Reports</i> , 2021, 11, 16843.	3.3	7
30	Establishment of PDX-derived salivary adenoid cystic carcinoma cell lines using organoid culture method. <i>International Journal of Cancer</i> , 2021, 148, 193-202.	5.1	16
31	Induction chemotherapy in locally advanced squamous cell carcinoma of the head and neck. <i>Japanese Journal of Clinical Oncology</i> , 2021, 51, 173-179.	1.3	15
32	Combination of Performance Status and Lymphocyte-monocyte Ratio as a Novel Prognostic Marker for Patients With Recurrent/Metastatic Squamous Cell Carcinoma of the Head and Neck. <i>Cancer Diagnosis &amp; Prognosis</i> , 2021, 1, 353-361.	0.7	2
33	Outcomes of long-term nivolumab and subsequent chemotherapy in Japanese patients with head and neck cancer: 2-year follow-up from a multicenter real-world study. <i>International Journal of Clinical Oncology</i> , 2021, 27, 95.	2.2	7
34	Current Status of Transoral Surgery for Patients With Early-Stage Pharyngeal and Laryngeal Cancers in Japan. <i>Frontiers in Oncology</i> , 2021, 11, 804933.	2.8	4
35	Understanding human health risks caused by antibiotic resistant bacteria (ARB) and antibiotic resistance genes (ARG) in water environments: Current knowledge and questions to be answered. <i>Critical Reviews in Environmental Science and Technology</i> , 2020, 50, 2016-2059.	12.8	322
36	The Effect of GD1a Ganglioside-Expressing Bacterial Strains on Murine Norovirus Infectivity. <i>Molecules</i> , 2020, 25, 4084.	3.8	4

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37	Effects of chemical interaction of nutrients and EDTA on metals toxicity to <i>Pseudokirckneriella subcapitata</i> . <i>Ecotoxicology and Environmental Safety</i> , 2020, 203, 110966.	6.0	12
38	Regularized regression analysis for the prediction of virus inactivation efficiency by chloramine disinfection. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 3341-3350.	2.4	5
39	Long-term treatment outcome of type 1 thyroplasty using novel titanium medialization laryngoplasty implant combined with arytenoid adduction for unilateral vocal cord paralysis: single-arm interventional study at a single institution. <i>Laryngoscope Investigative Otolaryngology</i> , 2020, 5, 895-902.	1.5	9
40	Bottleneck Size-Dependent Changes in the Genetic Diversity and Specific Growth Rate of a Rotavirus A Strain. <i>Journal of Virology</i> , 2020, 94, .	3.4	13
41	Improvement of Electrochemical Conditions for Detecting Redox Reaction of $K_3[Fe(CN)_6]$ toward the Application in Norovirus Aptasensor. <i>Electrochemistry</i> , 2020, 88, 205-209.	1.4	2
42	Optimization of therapeutic strategy for p16-positive oropharyngeal squamous cell carcinoma: Multi-institutional observational study based on the national Head and Neck Cancer Registry of Japan. <i>Cancer</i> , 2020, 126, 4177-4187.	4.1	19
43	Assessment of microbial risks by characterization of <i>Escherichia coli</i> presence to analyze the public health risks from poor water quality in Nepal. <i>International Journal of Hygiene and Environmental Health</i> , 2020, 226, 113484.	4.3	31
44	Virucidal Efficacy of Olanexidine Gluconate as a Hand Antiseptic Against Human Norovirus. <i>Food and Environmental Virology</i> , 2020, 12, 180-190.	3.4	8
45	Required Chlorination Doses to Fulfill the Credit Value for Disinfection of Enteric Viruses in Water: A Critical Review. <i>Environmental Science &amp; Technology</i> , 2020, 54, 2068-2077.	10.0	47
46	Identification of novel norovirus polymerase genotypes from pediatric fecal samples collected between the year 1997 and 2000 in Japan. <i>Infection, Genetics and Evolution</i> , 2020, 82, 104313.	2.3	1
47	Inactivation kinetics modeling of <i>Escherichia coli</i> in concentrated urine for implementing predictive environmental microbiology in sanitation safety planning. <i>Journal of Environmental Management</i> , 2020, 268, 110672.	7.8	4
48	Editorial: bacterial antibiotic resistance in the water environment. <i>Journal of Water and Health</i> , 2020, 18, 855-857.	2.6	3
49	Updated research agenda for water, sanitation and antimicrobial resistance. <i>Journal of Water and Health</i> , 2020, 18, 858-866.	2.6	15
50	Instruction for the Patient to Speak Out for the Monitoring the Voice During Type I Thyroplasty. <i>Koutou (the LARYNX JAPAN)</i> , 2020, 32, 116-116.	0.1	0
51	NATURAL INACTIVATION KINETICS MODELING FOR A WATERBORNE ENTERIC VIRUS IN SURFACE WATER USING SPARSE REGRESSION AND HIERARCHICAL BAYESIAN ESTIMATION. <i>Journal of Japan Society of Civil Engineers Ser G (Environmental Research)</i> , 2020, 76, III_449-III_460.	0.1	1
52	A prospective clinical trial of the second-look procedure for transoral surgery in patients with T1 and T2 laryngeal, oropharyngeal, and hypopharyngeal cancer. <i>Cancer Medicine</i> , 2019, 8, 7197-7206.	2.8	8
53	Fecal Source Tracking in A Wastewater Treatment and Reclamation System Using Multiple Waterborne Gastroenteritis Viruses. <i>Pathogens</i> , 2019, 8, 170.	2.8	5
54	Addition of S-1 to radiotherapy for treatment of T2N0 glottic cancer: Results of the multiple-center retrospective cohort study in Japan with a propensity score analysis. <i>Oral Oncology</i> , 2019, 99, 104454.	1.5	2

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55	Predictive Water Virology: Hierarchical Bayesian Modeling for Estimating Virus Inactivation Curve. <i>Water (Switzerland)</i> , 2019, 11, 2187.	2.7	9
56	Lymph node ratio as a prognostic factor for survival in patients with head and neck squamous cell carcinoma. <i>Journal of Otolaryngology of Japan</i> , 2019, 122, 1009-1010.	0.1	0
57	Revisiting the effects of powdered activated carbon on membrane fouling mitigation in an anaerobic membrane bioreactor by evaluating long-term impacts on the surface layer. <i>Water Research</i> , 2019, 167, 115137.	11.3	50
58	Sign-constrained linear regression for prediction of microbe concentration based on water quality datasets. <i>Journal of Water and Health</i> , 2019, 17, 404-415.	2.6	8
59	Specific Interactions between Human Norovirus and Environmental Matrices: Effects on the Virus Ecology. <i>Viruses</i> , 2019, 11, 224.	3.3	23
60	Assays for the Specific Growth Rate and Cell-binding Ability of Rotavirus. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	3
61	Real-world Treatment Outcomes of the EXTREME Regimen as First-line Therapy for Recurrent/Metastatic Squamous Cell Carcinoma of the Head and Neck: A Multi-center Retrospective Cohort Study in Japan. <i>Anticancer Research</i> , 2019, 39, 6819-6827.	1.1	21
62	Specific interactions of rotavirus HAL1166 with <i>Enterobacter cloacae</i> SENG-6 and their contribution on rotavirus HAL1166 removal. <i>Water Science and Technology</i> , 2019, 79, 342-348.	2.5	2
63	The advantages and limitations of animal models of head and neck cancers. <i>Japanese Journal of Head and Neck Cancer</i> , 2019, 45, 366-368.	0.1	0
64	Pretreatment prognostic factor for patients with human papillomavirus related oropharyngeal cancer. <i>Translational Cancer Research</i> , 2019, 8, 354-356.	1.0	3
65	A review on recent progress in the detection methods and prevalence of human enteric viruses in water. <i>Water Research</i> , 2018, 135, 168-186.	11.3	303
66	Disinfection as a Selection Pressure on RNA Virus Evolution. <i>Environmental Science &amp; Technology</i> , 2018, 52, 2434-2435.	10.0	3
67	Reverse transcription-quantitative PCR assays for genotype-specific detection of human noroviruses in clinical and environmental samples. <i>International Journal of Hygiene and Environmental Health</i> , 2018, 221, 578-585.	4.3	11
68	Sapovirus in Wastewater Treatment Plants in Tunisia: Prevalence, Removal, and Genetic Characterization. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	3.1	27
69	Virus Particle Detection by Convolutional Neural Network in Transmission Electron Microscopy Images. <i>Food and Environmental Virology</i> , 2018, 10, 201-208.	3.4	29
70	Predictive value of the Hyodo score in endoscopic evaluation of aspiration during swallowing. <i>Auris Nasus Larynx</i> , 2018, 45, 1214-1220.	1.2	37
71	Free-Chlorine Disinfection as a Selection Pressure on Norovirus. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	3.1	23
72	Lymph node ratio as a prognostic factor for survival in patients with head and neck squamous cell carcinoma. <i>Auris Nasus Larynx</i> , 2018, 45, 846-853.	1.2	19

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73	Selection of cellular genetic markers for the detection of infectious poliovirus. <i>Journal of Applied Microbiology</i> , 2018, 124, 1001-1007.	3.1	2
74	The applicability of new TNM classification for humanpapilloma virus-related oropharyngeal cancer in the 8th edition of the AJCC/UICC TNM staging system in Japan: A single-centre study. <i>Auris Nasus Larynx</i> , 2018, 45, 558-565.	1.2	18
75	Transoral removal of an extra-pharyngeal fish bone using Sato-type curved laryngoscope: a case report. <i>Journal of Japan Society for Head and Neck Surgery</i> , 2018, 27, 325-328.	0.0	0
76	Microfluidic PCR Amplification and MiSeq Amplicon Sequencing Techniques for High-Throughput Detection and Genotyping of Human Pathogenic RNA Viruses in Human Feces, Sewage, and Oysters. <i>Frontiers in Microbiology</i> , 2018, 9, 830.	3.5	29
77	Postoperative Bio-Chemoradiotherapy Using Cetuximab and Docetaxel in Patients With Cis-Platinum Intolerant Core High-Risk Head and Neck Cancer: Protocol of a Phase 2 Nonrandomized Clinical Trial. <i>JMIR Research Protocols</i> , 2018, 7, e11003.	1.0	3
78	Identification of the inactivating factors and mechanisms exerted on MS2 coliphage in concentrated synthetic urine. <i>Science of the Total Environment</i> , 2017, 598, 213-219.	8.0	5
79	Bacteriophage removal efficiency as a validation and operational monitoring tool for virus reduction in wastewater reclamation: Review. <i>Water Research</i> , 2017, 121, 258-269.	11.3	54
80	Efficacy and safety of postoperative bio-chemoradiotherapy using cetuximab and docetaxel for high-risk head and neck cancer patients in Japan. <i>Cancer Chemotherapy and Pharmacology</i> , 2017, 80, 203-207.	2.3	9
81	Target virus log10 reduction values determined for two reclaimed wastewater irrigation scenarios in Japan based on tolerable annual disease burden. <i>Water Research</i> , 2017, 125, 438-448.	11.3	20
82	Removal of human pathogenic viruses in a down-flow hanging sponge (DHS) reactor treating municipal wastewater and health risks associated with utilization of the effluent for agricultural irrigation. <i>Water Research</i> , 2017, 110, 389-398.	11.3	34
83	The Second-Look Procedure for Transoral Videolaryngoscopic Surgery for T1 and T2 Laryngeal, Oropharyngeal, and Hypopharyngeal Cancer Patients: Protocol for a Nonrandomized Clinical Trial. <i>JMIR Research Protocols</i> , 2017, 6, e235.	1.0	5
84	Genome Sequence of <i>Enterobacter cloacae</i> Strain SENG-6, a Bacterium Producing Histo-Blood Group Antigen-Like Substances That Can Bind with Human Noroviruses. <i>Genome Announcements</i> , 2016, 4, .	0.8	0
85	EVIDENCE-BASED DETERMINATION OF THE HYGIENE STANDARD VALUE IN ENVIRONMENTAL WATER. <i>Journal of Japan Society of Civil Engineers Ser G (Environmental Research)</i> , 2016, 72, 40-49.	0.1	1
86	Evaluation of virus reduction efficiency in wastewater treatment unit processes as a credit value in the multiple-barrier system for wastewater reclamation and reuse. <i>Journal of Water and Health</i> , 2016, 14, 879-889.	2.6	10
87	Estimation of concentration ratio of indicator to pathogen-related gene in environmental water based on left-censored data. <i>Journal of Water and Health</i> , 2016, 14, 14-25.	2.6	7
88	Effect of Leaf Surface Chemical Properties on Efficacy of Sanitizer for Rotavirus Inactivation. <i>Applied and Environmental Microbiology</i> , 2016, 82, 6214-6222.	3.1	19
89	Bactericidal and virucidal mechanisms in the alkaline disinfection of compost using calcium lime and ash. <i>Journal of Environmental Management</i> , 2016, 181, 721-727.	7.8	17
90	DETERMINATION OF PERFORMANCE TARGET VALUES FOR ENTERIC VIRUS REMOVAL IN WASTEWATER RECLAMATION. <i>Journal of Japan Society of Civil Engineers Ser G (Environmental Research)</i> , 2016, 72, III_305-III_313.	0.1	0

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91	The molecular mechanism of human papillomavirus-induced carcinogenesis in head and neck squamous cell carcinoma. <i>International Journal of Clinical Oncology</i> , 2016, 21, 819-826.	2.2	60
92	Bacterial histo-blood group antigens contributing to genotype-dependent removal of human noroviruses with a microfiltration membrane. <i>Water Research</i> , 2016, 95, 383-391.	11.3	23
93	Risk management of viral infectious diseases in wastewater reclamation and reuse: Review. <i>Environment International</i> , 2016, 91, 220-229.	10.0	127
94	Bayesian modeling of virus removal efficiency in wastewater treatment processes. <i>Water Science and Technology</i> , 2015, 72, 1789-1795.	2.5	11
95	An Aerodynamic Study of Phonations in Patients With Parkinson Disease (PD). <i>Journal of Voice</i> , 2015, 29, 273-280.	1.5	16
96	Removal properties of human enteric viruses in a pilot-scale membrane bioreactor (MBR) process. <i>Water Research</i> , 2015, 75, 282-291.	11.3	61
97	Culture-Independent Evaluation of Nonenveloped-Virus Infectivity Reduced by Free-Chlorine Disinfection. <i>Applied and Environmental Microbiology</i> , 2015, 81, 2819-2826.	3.1	17
98	Molecular epidemiology of noroviruses detected in Nepalese children with acute diarrhea between 2005 and 2011: Increase and predominance of minor genotype GII.13. <i>Infection, Genetics and Evolution</i> , 2015, 30, 27-36.	2.3	23
99	Microfluidic Quantitative PCR for Simultaneous Quantification of Multiple Viruses in Environmental Water Samples. <i>Applied and Environmental Microbiology</i> , 2014, 80, 7505-7511.	3.1	90
100	To "œGrow"or "œGo" TMEM16A Expression as a Switch between Tumor Growth and Metastasis in SCCHN. <i>Clinical Cancer Research</i> , 2014, 20, 4673-4688.	7.0	86
101	Estimation of Contamination Sources of Human Enteroviruses in a Wastewater Treatment and Reclamation System by PCR"DGGE. <i>Food and Environmental Virology</i> , 2014, 6, 99-109.	3.4	9
102	External CO <sub>2</sub> and Water Supplies for Enhancing Electrical Power Generation of Air-Cathode Microbial Fuel Cells. <i>Environmental Science &amp; Technology</i> , 2014, 48, 11204-11210.	10.0	8
103	Water Quality Monitoring and Risk Assessment by Simultaneous Multipathogen Quantification. <i>Environmental Science &amp; Technology</i> , 2014, 48, 4744-4749.	10.0	57
104	Chicken- and duck-associated Bacteroides"Prevotella genetic markers for detecting fecal contamination in environmental water. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 7427-7437.	3.6	40
105	Use of a genetically-engineered Escherichia coli strain as a sample process control for quantification of the host-specific bacterial genetic markers. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 9165-9173.	3.6	13
106	Bayesian Modeling of Enteric Virus Density in Wastewater Using Left-Censored Data. <i>Food and Environmental Virology</i> , 2013, 5, 185-193.	3.4	22
107	A new approach for evaluating the infectivity of noncultivable enteric viruses without cell culture. <i>Water Science and Technology</i> , 2013, 67, 2236-2240.	2.5	9
108	Effects of temperature and predator on the persistence of host-specific Bacteroides-Prevotella genetic markers in water. <i>Water Science and Technology</i> , 2013, 67, 838-845.	2.5	7



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109	Histo-Blood Group Antigen-Like Substances of Human Enteric Bacteria as Specific Adsorbents for Human Noroviruses. <i>Journal of Virology</i> , 2013, 87, 9441-9451.	3.4	159
110	Occurrence of Hand-Foot-and-Mouth Disease Pathogens in Domestic Sewage and Secondary Effluent in Xi'an, China. <i>Microbes and Environments</i> , 2012, 27, 288-292.	1.6	21
111	Human norovirus occurrence and diversity in the Llobregat river catchment, Spain. <i>Environmental Microbiology</i> , 2012, 14, 494-502.	3.8	81
112	Development and validation of a microarray for the confirmation and typing of norovirus RT-PCR products. <i>Journal of Virological Methods</i> , 2011, 173, 233-250.	2.1	16
113	Identification and characterization of coagulation inhibitor proteins derived from cyanobacterium <i>Microcystis aeruginosa</i> . <i>Chemosphere</i> , 2011, 82, 1096-1102.	8.2	27
114	Analytical Methods for Virus Detection in Water and Food. <i>Food Analytical Methods</i> , 2011, 4, 4-12.	2.6	105
115	Adsorption characteristics of an enteric virus-binding protein to norovirus, rotavirus and poliovirus. <i>BMC Biotechnology</i> , 2011, 11, 123.	3.3	12
116	Development of an Effective Method for Recovery of Viral Genomic RNA from Environmental Silty Sediments for Quantitative Molecular Detection. <i>Applied and Environmental Microbiology</i> , 2011, 77, 3975-3981.	3.1	29
117	Quantification and Genotyping of Human Sapoviruses in the Llobregat River Catchment, Spain. <i>Applied and Environmental Microbiology</i> , 2011, 77, 1111-1114.	3.1	59
118	Detection of Sapovirus in oysters. <i>Microbiology and Immunology</i> , 2010, 54, 483-486.	1.4	36
119	Norovirus-binding proteins recovered from activated sludge micro-organisms with an affinity to a noroviral capsid peptide. <i>Journal of Applied Microbiology</i> , 2010, 109, 1923-1928.	3.1	6
120	Detection of Oxidative Damages on Viral Capsid Protein for Evaluating Structural Integrity and Infectivity of Human Norovirus. <i>Environmental Science &amp; Technology</i> , 2010, 44, 808-812.	10.0	71
121	Surface-retained organic matter of <i>Microcystis aeruginosa</i> inhibiting coagulation with polyaluminum chloride in drinking water treatment. <i>Water Research</i> , 2010, 44, 3781-3786.	11.3	96
122	New tools for the study and direct surveillance of viral pathogens in water. <i>Current Opinion in Biotechnology</i> , 2008, 19, 295-301.	6.6	185
123	Persistence of Caliciviruses in Artificially Contaminated Oysters during Depuration. <i>Applied and Environmental Microbiology</i> , 2007, 73, 5698-5701.	3.1	97
124	Cellular proteins of <i>Microcystis aeruginosa</i> inhibiting coagulation with polyaluminum chloride. <i>Water Research</i> , 2007, 41, 1653-1658.	11.3	86
125	Sapovirus in Water, Japan. <i>Emerging Infectious Diseases</i> , 2007, 13, 133-135.	4.3	36
126	Human Sapovirus in Clams, Japan. <i>Emerging Infectious Diseases</i> , 2007, 13, 620-622.	4.3	37



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127	Genetic Variation in the Conservative Gene Region of Norovirus Genogroup II Strains in Environmental and Stool Samples. <i>Environmental Science &amp; Technology</i> , 2006, 40, 7423-7427.	10.0	11
128	Cloning of a Heavy-Metal-Binding Protein Derived from Activated-Sludge Microorganisms. <i>Applied and Environmental Microbiology</i> , 2006, 72, 6377-6380.	3.1	3
129	Construction of a Cloning System for the Mass Production of a Virus-Binding Protein Specific for Poliovirus Type 1. <i>Applied and Environmental Microbiology</i> , 2005, 71, 2608-2615.	3.1	4
130	Norovirus pathway in water environment estimated by genetic analysis of strains from patients of gastroenteritis, sewage, treated wastewater, river water and oysters. <i>Water Research</i> , 2005, 39, 4271-4280.	11.3	125
131	Virus-Binding Proteins Recovered from Bacterial Culture Derived from Activated Sludge by Affinity Chromatography Assay Using a Viral Capsid Peptide. <i>Applied and Environmental Microbiology</i> , 2004, 70, 3434-3442.	3.1	19
132	Detection of enteric viruses in municipal sewage sludge by a combination of the enzymatic virus elution method and RT-PCR. <i>Water Research</i> , 2003, 37, 3490-3498.	11.3	38
133	Predictive Environmental Microbiology for Safe Use of Sanitation Products in Agriculture: Challenges and Perspectives. <i>Environmental Science and Technology Letters</i> , 0, , .	8.7	5
134	The Intrapopulation Genetic Diversity of RNA Virus May Influence the Sensitivity of Chlorine Disinfection. <i>Frontiers in Microbiology</i> , 0, 13, .	3.5	1