

David Jenkins

List of Publications by Year in descending order

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67
papers

3,782
citations

185998

28
h-index

138251

58
g-index

67
all docs

67
docs citations

67
times ranked

2365
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of Polyphosphate-Accumulating Organisms and Design of 16S rRNA-Directed Probes for Their Detection and Quantitation. <i>Applied and Environmental Microbiology</i> , 2000, 66, 1175-1182.	1.4	691
2	Population Studies on Red Grouse, <i>Lagopus lagopus scoticus</i> (Lath.) in North-East Scotland. <i>Journal of Animal Ecology</i> , 1963, 32, 317.	1.3	321
3	A rapid physical-chemical method for the determination of readily biodegradable soluble COD in municipal wastewater. <i>Water Research</i> , 1993, 27, 195-197.	5.3	244
4	The effect of organic loading on process performance and membrane fouling in a submerged membrane bioreactor treating municipal wastewater. <i>Water Research</i> , 2006, 40, 2675-2683.	5.3	181
5	Manual on the Causes and Control of Activated Sludge Bulking, Foaming, and Other Solids Separation Problems. , 0, , .		172
6	Brucine Method for the Determination of Nitrate in Ocean, Estuarine, and Fresh Waters.. <i>Analytical Chemistry</i> , 1964, 36, 610-612.	3.2	150
7	Enhanced Biological Phosphorus Removal from Wastewater by Biomass with Different Phosphorus Contents, Part I: Experimental Results and Comparison with Metabolic Models. <i>Water Environment Research</i> , 2003, 75, 485-498.	1.3	136
8	Polyphosphate Kinase from Activated Sludge Performing Enhanced Biological Phosphorus Removal. <i>Applied and Environmental Microbiology</i> , 2002, 68, 4971-4978.	1.4	121
9	Influence of mixed liquor properties and aeration intensity on membrane fouling in a submerged membrane bioreactor at high mixed liquor suspended solids concentrations. <i>Water Research</i> , 2007, 41, 947-958.	5.3	121
10	The viability and activity of activated sludge. <i>Water Research</i> , 1971, 5, 621-640.	5.3	114
11	Population Fluctuations in the Red Grouse <i>Lagopus lagopus scoticus</i> . <i>Journal of Animal Ecology</i> , 1967, 36, 97.	1.3	112
12	Excitation of rat colonic afferent fibres by 5-HT ₃ receptors. <i>Journal of Physiology</i> , 2002, 544, 861-869.	1.3	102
13	Experiments on Population Control by Territorial Behaviour in Red Grouse. <i>Journal of Animal Ecology</i> , 1968, 37, 595.	1.3	96
14	Ecology of Otters in Northern Scotland. III. The Use of Faeces as Indicators of Otter (<i>Lutra lutra</i>) Density and Distribution. <i>Journal of Animal Ecology</i> , 1980, 49, 755.	1.3	93
15	Predation and Red Grouse Populations. <i>Journal of Applied Ecology</i> , 1964, 1, 183.	1.9	90
16	Polyphosphate kinase genes from full-scale activated sludge plants. <i>Applied Microbiology and Biotechnology</i> , 2007, 77, 167-173.	1.7	78
17	Biological removal of phosphorus from wastewater. <i>Critical Reviews in Environmental Control</i> , 1985, 15, 25-64.	0.7	60
18	Ecology of Otters in Northern Scotland: II. Analyses of Otter (<i>Lutra lutra</i> .) and Mink (<i>Mustela vison</i>) Faeces from Deeside, N.E. Scotland in 1977-78. <i>Journal of Animal Ecology</i> , 1980, 49, 737.	1.3	57

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19	Evaluation of alternative sludge settleability indices. <i>Water Research</i> , 1983, 17, 1421-1426.	5.3	53
20	What factors predict length of stay in a neonatal unit: a systematic review. <i>BMJ Open</i> , 2016, 6, e010466.	0.8	52
21	The half-saturation coefficient for dissolved oxygen: A dynamic method for its determination and its effect on dual species competition. <i>Biotechnology and Bioengineering</i> , 1983, 25, 403-416.	1.7	43
22	Activated Sludge “100 Years and Counting. <i>Water Intelligence Online</i> , 0, 13, .	0.3	43
23	Increased replication of dissimilatory nitrate-reducing bacteria leads to decreased anammox bioreactor performance. <i>Microbiome</i> , 2020, 8, 7.	4.9	42
24	Physical Characteristics of Activated Sludge Flocs. <i>Critical Reviews in Environmental Control</i> , 1986, 17, 53-87.	0.7	41
25	Heather Performance and Red Grouse Populations. I. Visual Estimates of Heather Performance. <i>Journal of Applied Ecology</i> , 1966, 3, 313.	1.9	40
26	Process control factors influencing <i>Nocardia</i> populations in activated sludge. <i>Water Environment Research</i> , 1992, 64, 37-43.	1.3	40
27	Mass and Viability Estimations of <i>Nocardia</i> in Activated Sludge and Anaerobic Digesters Using Conventional Stains and Immunofluorescent Methods. <i>Water Science and Technology</i> , 1994, 29, 249-259.	1.2	35
28	Ecology of Otters in Northern Scotland: I. Otter (<i>Lutra lutra</i>) Breeding and Dispersion in Mid-Deeside, Aberdeenshire in 1974-79. <i>Journal of Animal Ecology</i> , 1980, 49, 713.	1.3	34
29	A REFLECTING TEAM APPROACH TO FAMILY THERAPY: A DELPHI STUDY. <i>Journal of Marital and Family Therapy</i> , 1996, 22, 219-238.	0.6	32
30	A Comparison of the Physical, Chemical, and Biological Properties of Sludges from a Complete-Mix Activated Sludge Reactor and a Submerged Membrane Bioreactor. <i>Water Environment Research</i> , 2007, 79, 320-328.	1.3	30
31	A nitrification model for the contact stabilization activated sludge process. <i>Water Research</i> , 1975, 9, 561-566.	5.3	29
32	Coming Out in Mid-Adulthood. <i>Journal of Gay and Lesbian Social Services</i> , 2004, 16, 19-42.	0.9	27
33	<i>Nocardia</i> control in activated sludge by classifying selectors. <i>Water Environment Research</i> , 1996, 68, 235-239.	1.3	23
34	The contact stabilization activated sludge process’s oxygen utilization, sludge production and efficiency. <i>Water Research</i> , 1975, 9, 553-560.	5.3	22
35	The inclusion of real world evidence in clinical development planning. <i>Trials</i> , 2018, 19, 468.	0.7	20
36	The Differentiation, Analysis, and Preservation of Nitrogen and Phosphorus Forms in Natural Waters. <i>Advances in Chemistry Series</i> , 1968, , 265-280.	0.6	19

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37	Polymer addition as a solution to Nocardia foaming problems. <i>Water Environment Research</i> , 1997, 69, 25-27.	1.3	19
38	The Use of Anoxic Selectors for the Control of Low F/M Activated Sludge Bulking. <i>Water Science and Technology</i> , 1989, 21, 609-619.	1.2	19
39	The persistence of ethion and Zolone residues on grape foliage in the central valley of California. <i>Archives of Environmental Contamination and Toxicology</i> , 1975, 3, 40-54.	2.1	17
40	Explicit causal reasoning is needed to prevent prognostic models being victims of their own success. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2019, 26, 1675-1676.	2.2	17
41	QUALITATIVE STUDIES IN FAMILY PSYCHOTHERAPY. <i>Journal of Family Psychotherapy</i> , 1995, 6, 49-70.	0.5	15
42	Lesbians and Gay Men Embrace Their Sexual Orientation After Conversion Therapy and Ex-Gay Ministries. <i>Social Work in Mental Health</i> , 2006, 4, 61-82.	0.7	15
43	The Breeding of the Red-Legged Partridge. <i>Bird Study</i> , 1957, 4, 97-100.	0.4	14
44	Stress levels and failure modes of tantalum-clad tungsten targets at ISIS. <i>Journal of Nuclear Materials</i> , 2018, 506, 76-82.	1.3	14
45	From Total Suspended Solids to Molecular Biology Tools—A Personal View of Biological Wastewater Treatment Process Population Dynamics. <i>Water Environment Research</i> , 2008, 80, 677-687.	1.3	9
46	The nightmare and the narrative.. <i>Dreaming</i> , 2012, 22, 101-114.	0.3	9
47	A Lesbian Older Adult Managing Identity Disclosure: A Case Study. <i>Journal of Gerontological Social Work</i> , 2010, 53, 402-420.	0.6	8
48	Practical results of research for management of red grouse. <i>Biological Conservation</i> , 1970, 2, 266-272.	1.9	7
49	Simple device for level control with subsurface drawoff in chemostats. <i>Biotechnology and Bioengineering</i> , 1980, 22, 2433-2435.	1.7	7
50	Application of Batch Kinetic Data to the Sizing of Continuous-Flow Activated Sludge Reactors. <i>Water Science and Technology</i> , 1987, 19, 505-516.	1.2	7
51	Advanced primary treatment: An alternative to biological secondary treatment. The city of Los Angeles hyperion treatment plant experience. <i>Water Science and Technology</i> , 1996, 34, 223-233.	1.2	6
52	5-HT3 receptor mediated excitation of colonic afferent endings: Functional and anatomical correlates. <i>Gastroenterology</i> , 2001, 120, A6.	0.6	6
53	Ecology of otters in Northern Scotland IV. A model scheme for otter <i>Lutra lutra</i> L. conservation in a freshwater system in aberdeenshire. <i>Biological Conservation</i> , 1981, 20, 123-132.	1.9	5
54	THE ROLE OF DISPERSED NOCARDIOFORM FILAMENTS IN ACTIVATED SLUDGE FOAMING. <i>Proceedings of the Water Environment Federation</i> , 2003, 2003, 724-739.	0.0	5

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55	THE EFFECT OF ORGANIC LOADING ON MEMBRANE FOULING IN A SUBMERGED MEMBRANE BIOREACTOR TREATING MUNICIPAL WASTEWATER. Proceedings of the Water Environment Federation, 2004, 2004, 696-716.	0.0	4
56	Effects of Sludge Properties on the Thickening and Dewatering of Waste Activated Sludge. Water Environment Research, 2007, 79, 2412-2419.	1.3	4
57	An Older Transgender Woman's Quest for Identity. Journal of Psychosocial Nursing and Mental Health Services, 2016, 54, 31-38.	0.3	3
58	Changes in Mixed Liquor and Organic Foulant Properties Affect Membrane Fouling for Non-Nitrifying and Nitrifying Biological Conditions. Water Environment Research, 2009, 81, 255-264.	1.3	2
59	THE ANALYSIS OF NITROGEN FORMS IN WATERS AND WASTEWATERS. , 2013, , 31-53.		2
60	An Experiment Using Neutron Diffraction to Investigate Residual Strain Distribution in a Hot Isostatic Pressed (HIPPED) Target Plate. Materials Today: Proceedings, 2015, 2, S267-S273.	0.9	2
61	A Comparison of Strains Induced by Manufacturing and Operational Conditions of a Tantalum Clad Tungsten Plate of an ISIS TS1 Solid Target. Journal of Physics: Conference Series, 2018, 1021, 012086.	0.3	1
62	Nightmare resolution: Where to begin, where to end? A commentary on "The mechanisms of action underlying the efficacy of psychological nightmare treatments: A systematic review and thematic analysis of discussed hypotheses". Sleep Medicine Reviews, 2019, 45, 129-130.	3.8	1
63	THE USE OF ANOXIC SELECTORS FOR THE CONTROL OF LOW F/M ACTIVATED SLUDGE BULKING. , 1988, , 609-619.		0
64	Phytofences and Algae Harvesting as Control Strategies for H ₂ S Emissions from Saline Ponds. Lake and Reservoir Management, 1994, 10, 149-154.	0.4	0
65	POLYPHOSPHATE KINASE GENES FROM ACTIVATED SLUDGE CARRYING OUT ENHANCED BIOLOGICAL PHOSPHORUS REMOVAL. Proceedings of the Water Environment Federation, 2001, 2001, 20-33.	0.0	0
66	GENETIC AND BIOCHEMICAL MARKERS FOR ENHANCED BIOLOGICAL PHOSPHORUS REMOVAL. Proceedings of the Water Environment Federation, 2003, 2003, 529-549.	0.0	0
67	Measurement of residual strain in tantalum-clad tungsten after hot isostatic pressing. Journal of Neutron Research, 2020, 22, 287-297.	0.4	0