

R D Tyagi

List of Publications by Year in descending order

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166
papers

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61687

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Extracellular polymeric substances of bacteria and their potential environmental applications. <i>Journal of Environmental Management</i> , 2014, 144, 1-25.	3.8	694
2	Ultrasonic pretreatment of sludge: A review. <i>Ultrasonics Sonochemistry</i> , 2011, 18, 1-18.	3.8	630
3	Engineered nanoparticles in wastewater and wastewater sludge – Evidence and impacts. <i>Waste Management</i> , 2010, 30, 504-520.	3.7	591
4	Cheese whey: A potential resource to transform into bioprotein, functional/nutritional proteins and bioactive peptides. <i>Biotechnology Advances</i> , 2015, 33, 756-774.	6.0	300
5	Extracellular polymeric substances (EPS) producing bacterial strains of municipal wastewater sludge: Isolation, molecular identification, EPS characterization and performance for sludge settling and dewatering. <i>Water Research</i> , 2010, 44, 2253-2266.	5.3	293
6	Rapid ethanol fermentation of cellulose hydrolysate. II. Product and substrate inhibition and optimization of fermentor design. <i>Biotechnology and Bioengineering</i> , 1979, 21, 1401-1420.	1.7	264
7	Analysis and advanced oxidation treatment of a persistent pharmaceutical compound in wastewater and wastewater sludge-carbamazepine. <i>Science of the Total Environment</i> , 2014, 470-471, 58-75.	3.9	215
8	Bio-encapsulation of microbial cells for targeted agricultural delivery. <i>Critical Reviews in Biotechnology</i> , 2011, 31, 211-226.	5.1	210
9	Rapid ethanol fermentation of cellulose hydrolysate. I. Batch versus continuous systems. <i>Biotechnology and Bioengineering</i> , 1979, 21, 1387-1400.	1.7	208
10	Thermal Pretreatment of Sewage Sludge to Enhance Anaerobic Digestion: A Review. <i>Critical Reviews in Environmental Science and Technology</i> , 2015, 45, 669-702.	6.6	196
11	Physico-chemical pre-treatment and biotransformation of wastewater and wastewater Sludge – Fate of bisphenol A. <i>Chemosphere</i> , 2010, 78, 923-941.	4.2	164
12	Chemical and biological leaching of aluminum from red mud. <i>Environmental Science & Technology</i> , 1994, 28, 26-30.	4.6	153
13	Potential use of filamentous fungi for wastewater sludge treatment. <i>Bioresource Technology</i> , 2010, 101, 7691-7700.	4.8	145
14	A review on variation in crude glycerol composition, bio-valorization of crude and purified glycerol as carbon source for lipid production. <i>Bioresource Technology</i> , 2019, 293, 122155.	4.8	136
15	Heavy metals removal from anaerobically digested sludge by chemical and microbiological methods. <i>Environmental Pollution</i> , 1988, 50, 295-316.	3.7	132
16	Studies on immobilized <i>Saccharomyces cerevisiae</i> . I. Analysis of continuous rapid ethanol fermentation in immobilized cell reactor. <i>Biotechnology and Bioengineering</i> , 1982, 24, 781-795.	1.7	121
17	Environmental applications of microbial extracellular polymeric substance (EPS): A review. <i>Journal of Environmental Management</i> , 2021, 287, 112307.	3.8	120
18	Agro-industrial waste materials and wastewater sludge for rhizobial inoculant production: A review. <i>Bioresource Technology</i> , 2007, 98, 3535-3546.	4.8	112

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19	Heavy metals removal from wastewater using extracellular polymeric substances produced by <i>Cloacibacterium normanense</i> in wastewater sludge supplemented with crude glycerol and study of extracellular polymeric substances extraction by different methods. <i>Bioresource Technology</i> , 2016, 212, 120-129.	4.8	109
20	Bioremediation of Hazardous Wastes—A Review. <i>Practice Periodical of Hazardous, Toxic and Radioactive Waste Management</i> , 2006, 10, 59-72.	0.4	107
21	Di 2-ethylhexylphtalate in the aquatic and terrestrial environment: A critical review. <i>Journal of Environmental Management</i> , 2013, 127, 36-49.	3.8	107
22	Studies on the production of <i>B. thuringiensis</i> based biopesticides using wastewater sludge as a raw material. <i>Water Research</i> , 2002, 36, 4850-4860.	5.3	101
23	Influence of ultrasonication and Fenton oxidation pre-treatment on rheological characteristics of wastewater sludge. <i>Ultrasonics Sonochemistry</i> , 2010, 17, 38-45.	3.8	92
24	Wastewater treatment sludge as a raw material for the production of bacillus thuringiensis based biopesticides. <i>Water Research</i> , 2001, 35, 3807-3816.	5.3	90
25	Bacterial polymer production using pre-treated sludge as raw material and its flocculation and dewatering potential. <i>Bioresource Technology</i> , 2012, 121, 425-431.	4.8	85
26	Mixed culture of <i>Kluyveromyces marxianus</i> and <i>Candida krusei</i> for single-cell protein production and organic load removal from whey. <i>Bioresource Technology</i> , 2014, 164, 119-127.	4.8	80
27	Cooperation between two <i>Thiobacillus</i> strains for heavy-metal removal from municipal sludge. <i>Canadian Journal of Microbiology</i> , 1992, 38, 181-187.	0.8	77
28	Bioleaching of Metals from Sewage Sludge by Sulfur-Oxidizing Bacteria. <i>Journal of Environmental Engineering, ASCE</i> , 1992, 118, 690-707.	0.7	72
29	Bioconversion of industrial wastewater and wastewater sludge into <i>Bacillus thuringiensis</i> based biopesticides in pilot fermentor. <i>Bioresource Technology</i> , 2006, 97, 1850-1857.	4.8	72
30	Applications of Nanomaterials in Environmental Science and Engineering: Review. <i>Practice Periodical of Hazardous, Toxic and Radioactive Waste Management</i> , 2009, 13, 110-119.	0.4	71
31	Wastewater sludge as a substrate for growth and carrier for rhizobia: the effect of storage conditions on survival of <i>Sinorhizobium meliloti</i> . <i>Bioresource Technology</i> , 2002, 83, 145-151.	4.8	67
32	Treatment of microplastics in water by anodic oxidation: A case study for polystyrene. <i>Environmental Pollution</i> , 2021, 269, 116168.	3.7	67
33	Ultrasonication of wastewater sludge—Consequences on biodegradability and flowability. <i>Journal of Hazardous Materials</i> , 2009, 163, 891-898.	6.5	66
34	Concomitant degradation of bisphenol A during ultrasonication and Fenton oxidation and production of biofertilizer from wastewater sludge. <i>Ultrasonics Sonochemistry</i> , 2011, 18, 1018-1027.	3.8	63
35	Carbamazepine in municipal wastewater and wastewater sludge: Ultrafast quantification by laser diode thermal desorption-atmospheric pressure chemical ionization coupled with tandem mass spectrometry. <i>Talanta</i> , 2012, 99, 247-255.	2.9	59
36	Comparison of Acid and Microbial Leaching for Metal Removal from Municipal Sludge. <i>Water Science and Technology</i> , 1992, 26, 197-206.	1.2	55

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37	Bioconversion of organic wastes into value-added products: A review. <i>Bioresource Technology</i> , 2022, 344, 126398.	4.8	55
38	Polyhydroxyalkanoates (PHA) production using wastewater as carbon source and activated sludge as microorganisms. <i>Water Science and Technology</i> , 2006, 53, 175-180.	1.2	53
39	Pomace waste management scenarios in Quercus Impact on greenhouse gas emissions. <i>Journal of Hazardous Materials</i> , 2011, 192, 1178-1185.	6.5	51
40	Assessment of toxicity reduction after metal removal in bioleached sewage sludge. <i>Water Research</i> , 2001, 35, 1415-1424.	5.3	49
41	Overview of Fenton pre-treatment of sludge aiming to enhance anaerobic digestion. <i>Reviews in Environmental Science and Biotechnology</i> , 2015, 14, 453-472.	3.9	49
42	A New, Pellet-Forming Fungal Strain: Its Isolation, Molecular Identification, and Performance for Simultaneous Sludge-Solids Reduction, Flocculation, and Dewatering. <i>Water Environment Research</i> , 2008, 80, 840-852.	1.3	48
43	Concomitant production of value-added products with polyhydroxyalkanoate (PHA) synthesis: A review. <i>Bioresource Technology</i> , 2021, 337, 125419.	4.8	48
44	Wastewater sludge as a potential raw material for antagonistic fungus (<i>Trichoderma</i> sp.): Role of pre-treatment and solids concentration. <i>Water Research</i> , 2005, 39, 3587-3596.	5.3	47
45	Pre-treatment and bioconversion of wastewater sludge to value-added products-Fate of endocrine disrupting compounds. <i>Science of the Total Environment</i> , 2009, 407, 1471-1488.	3.9	47
46	Production of extracellular polymeric substances (EPS) by <i>Serratia</i> sp.1 using wastewater sludge as raw material and flocculation activity of the EPS produced. <i>Journal of Environmental Management</i> , 2013, 128, 83-91.	3.8	47
47	Enhanced solid-state citric acid bio-production using apple pomace waste through surface response methodology. <i>Journal of Applied Microbiology</i> , 2011, 110, 1045-1055.	1.4	46
48	Efficient centrifugal recovery of <i>Bacillus thuringiensis</i> biopesticides from fermented wastewater and wastewater sludge. <i>Water Research</i> , 2006, 40, 1310-1320.	5.3	45
49	Treatment processes for microplastics and nanoplastics in waters: State-of-the-art review. <i>Marine Pollution Bulletin</i> , 2021, 168, 112374.	2.3	45
50	Dark fermentation: Production and utilization of volatile fatty acid from different wastes- A review. <i>Chemosphere</i> , 2022, 288, 132444.	4.2	44
51	Anaerobic digestion of ultrasonicated sludge at different solids concentrations - Computation of mass-energy balance and greenhouse gas emissions. <i>Journal of Environmental Management</i> , 2016, 166, 374-386.	3.8	43
52	Parameter optimization for production of ligninolytic enzymes using agro-industrial wastes by response surface method. <i>Biotechnology and Bioprocess Engineering</i> , 2011, 16, 343-351.	1.4	42
53	Comparison of natural adsorbents for metal removal from acidic effluent. <i>Environmental Technology (United Kingdom)</i> , 2003, 24, 205-215.	1.2	41
54	Endocrine-Disrupting Compounds in Wastewater, Sludge-Treatment Processes, and Receiving Waters: Overview. <i>Practice Periodical of Hazardous, Toxic and Radioactive Waste Management</i> , 2004, 8, 39-56.	0.4	40

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55	A comparative study of ultrasonication, Fenton's oxidation and ferro-sonication treatment for degradation of carbamazepine from wastewater and toxicity test by Yeast Estrogen Screen (YES) assay. <i>Science of the Total Environment</i> , 2013, 447, 280-285.	3.9	40
56	Biochemical diversity of the bacterial strains and their biopolymer producing capabilities in wastewater sludge. <i>Bioresource Technology</i> , 2012, 121, 304-311.	4.8	38
57	Simultaneous single-cell protein production and COD removal with characterization of residual protein and intermediate metabolites during whey fermentation by <i>K. marxianus</i> . <i>Bioprocess and Biosystems Engineering</i> , 2014, 37, 1017-1029.	1.7	38
58	Aerobic Biofiltration Processes—Advances in Wastewater Treatment. <i>Practice Periodical of Hazardous, Toxic and Radioactive Waste Management</i> , 2006, 10, 264-276.	0.4	37
59	Studies on Microbial Leaching of Heavy Metals from Municipal Sludge. <i>Water Science and Technology</i> , 1990, 22, 229-238.	1.2	36
60	Scale-up of biopesticide production processes using wastewater sludge as a raw material. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2004, 31, 545-552.	1.4	36
61	Production of biopesticides as a novel method of wastewater sludge utilization/disposal. <i>Water Science and Technology</i> , 2000, 42, 211-216.	1.2	35
62	Cost, energy and GHG emission assessment for microbial biodiesel production through valorization of municipal sludge and crude glycerol. <i>Bioresource Technology</i> , 2020, 297, 122404.	4.8	35
63	Batch and multistage continuous ethanol fermentation of cellulose hydrolysate and optimum design of fermentor by graphical analysis. <i>Biotechnology and Bioengineering</i> , 1980, 22, 1907-1928.	1.7	34
64	Growth of Alfalfa in Sludge—Amended Soils and Inoculated with Rhizobia Produced in Sludge. <i>Journal of Environmental Quality</i> , 2002, 31, 1339-1348.	1.0	34
65	Starch industry wastewater as a substrate for antagonist, <i>Trichoderma viride</i> production. <i>Bioresource Technology</i> , 2007, 98, 2154-2162.	4.8	34
66	Bacterial leaching of metals from sewage sludge by indigenous iron-oxidizing bacteria. <i>Environmental Pollution</i> , 1993, 82, 9-12.	3.7	33
67	Effect of ultrasonication and Fenton oxidation on biodegradation of bis(2-ethylhexyl) phthalate (DEHP) in wastewater sludge. <i>Chemosphere</i> , 2011, 82, 923-928.	4.2	33
68	Sludge based <i>Bacillus thuringiensis</i> biopesticides: Viscosity impacts. <i>Water Research</i> , 2005, 39, 3001-3011.	5.3	32
69	Concurrent degradation of dimethyl phthalate (DMP) during production of <i>Bacillus thuringiensis</i> based biopesticides. <i>Journal of Hazardous Materials</i> , 2009, 171, 1016-1023.	6.5	32
70	Bioleaching of Metals from Sewage Sludge: Elemental Sulfur Recovery. <i>Journal of Environmental Engineering, ASCE</i> , 1994, 120, 462-470.	0.7	29
71	Foam control in biopesticide production from sewage sludge. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2000, 25, 86-92.	1.4	29
72	Extraction of Cr(III) and Other Metals from Tannery Sludge by Mineral Acids. <i>Environmental Technology (United Kingdom)</i> , 2001, 22, 1007-1014.	1.2	29

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73	Acid and alkaline treatments for enhancing the growth of rhizobia in sludge. Canadian Journal of Microbiology, 2001, 47, 467-474.	0.8	29
74	<i>Candida krusei</i> : biotechnological potentials and concerns about its safety. Canadian Journal of Microbiology, 2012, 58, 937-952.	0.8	29
75	Identifying economical route for crude glycerol valorization: Biodiesel versus polyhydroxy-butyrates (PHB). Bioresource Technology, 2021, 323, 124565.	4.8	28
76	Effects of medium composition on the bacterial leaching of metals from digested sludge. Environmental Pollution, 1991, 71, 57-67.	3.7	26
77	Pre-Treatment of Wastewater Sludge – Biodegradability and Rheology Study. Environmental Technology (United Kingdom), 2007, 28, 273-284.	1.2	26
78	Parameter optimization of ferro-sonication pre-treatment process for degradation of bisphenol A and biodegradation from wastewater sludge using response surface model. Journal of Hazardous Materials, 2011, 189, 100-107.	6.5	26
79	Production of <i>Bacillus thuringiensis</i> based biopesticide formulation using starch industry wastewater (SIW) as substrate: A techno-economic evaluation. Bioresource Technology, 2019, 294, 122144.	4.8	24
80	Dissolved oxygen as principal parameter for conidia production of biocontrol fungi <i>Trichoderma viride</i> in non-Newtonian wastewater. Journal of Industrial Microbiology and Biotechnology, 2006, 33, 941-952.	1.4	22
81	Thermophilic microbial leaching of heavy metals from municipal sludge using indigenous sulphur-oxidizing microbiota. Applied Microbiology and Biotechnology, 1996, 45, 440-446.	1.7	21
82	Optimization of Fenton oxidation pre-treatment for <i>B. thuringiensis</i> Based production of value added products from wastewater sludge. Journal of Environmental Management, 2010, 91, 1657-1664.	3.8	21
83	Starch Industry Wastewater-Based Stable <i>Bacillus thuringiensis</i> Liquid Formulations. Journal of Economic Entomology, 2005, 98, 1890-1898.	0.8	20
84	<i>Bacillus thuringiensis</i> fermentation of hydrolyzed sludge – Rheology and formulation studies. Chemosphere, 2007, 67, 674-683.	4.2	20
85	Simultaneous sewage sludge digestion and metal leaching ? effect of temperature. Applied Microbiology and Biotechnology, 1996, 46, 422-431.	1.7	19
86	Isolation, Characterization, and Identification of Bacteria from Activated Sludge and Soluble Microbial Products in Wastewater Treatment Systems. Practice Periodical of Hazardous, Toxic and Radioactive Waste Management, 2007, 11, 240-258.	0.4	19
87	Recovery of <i>Bacillus licheniformis</i> Alkaline Protease from Supernatant of Fermented Wastewater Sludge Using Ultrafiltration and Its Characterization. Biotechnology Research International, 2011, 2011, 1-11.	1.4	19
88	Energy balance for biodiesel production processes using microbial oil and scum. Bioresource Technology, 2019, 272, 379-388.	4.8	19
89	Effect of Dissolved Oxygen on Sludge Acidification during the SSDML-process. Water, Air, and Soil Pollution, 1998, 102, 139-155.	1.1	18
90	Bacterial Leaching of Metals from Tannery Sludge by Indigenous Sulphur-Oxidizing Bacteria – Effect of Sludge Solids Concentration. Journal of Environmental Engineering, ASCE, 2003, 129, 513-519.	0.7	18

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91	Simultaneous sewage sludge digestion and metal leaching - effect of temperature. Applied Microbiology and Biotechnology, 1996, 46, 422-431.	1.7	18
92	Value Addition of Wastewater Sludge: Future Course in Sludge Reutilization. Practice Periodical of Hazardous, Toxic and Radioactive Waste Management, 2009, 13, 59-74.	0.4	17
93	Optimization of spray drying process for Bacillus thuringiensis fermented wastewater and wastewater sludge. Bioprocess and Biosystems Engineering, 2011, 34, 237-246.	1.7	17
94	Recovery of residual soluble protein by two-step precipitation process with concomitant COD reduction from the yeast-cultivated cheese whey. Bioprocess and Biosystems Engineering, 2014, 37, 1825-1837.	1.7	17
95	Electrochemical degradation of nanoplastics in water: Analysis of the role of reactive oxygen species. Science of the Total Environment, 2022, 808, 151897.	3.9	17
96	Biolixiviation des métaux lourds et stabilisation des boues d'épuration : essai en bioréacteur opératoire en mode continu. Canadian Journal of Civil Engineering, 1993, 20, 57-64.	0.7	16
97	Metals removal from sewage sludge by indigenous iron-oxidizing bacteria. Journal of Environmental Science and Health Part A: Environmental Science and Engineering, 1993, 28, 443-467.	0.1	16
98	Simultaneous Sewage Sludge Digestion and Metal Leaching at Controlled pH. Environmental Technology (United Kingdom), 1997, 18, 499-508.	1.2	15
99	Production of S. Meliloti Using Wastewater Sludge as a Raw Material: Effect of Nutrient Addition and pH Control. Environmental Technology (United Kingdom), 2002, 23, 623-629.	1.2	15
100	Screening of Different Adjuvants for Wastewater/Wastewater Sludge-Based Bacillus thuringiensis Formulations. Journal of Economic Entomology, 2006, 99, 1065-1079.	0.8	15
101	Bioplastics from Waste Activated Sludge-Batch Process. Practice Periodical of Hazardous, Toxic and Radioactive Waste Management, 2008, 12, 239-248.	0.4	15
102	Entomotoxicity, protease and chitinase activity of Bacillus thuringiensis fermented wastewater sludge with a high solids content. Bioresource Technology, 2009, 100, 4317-4325.	4.8	15
103	Toxic effects of inhibitors in biological wastewater treatment processes. Canadian Journal of Chemical Engineering, 1988, 66, 97-106.	0.9	14
104	Screening of Different Adjuvants for Wastewater/Wastewater Sludge-Based Bacillus thuringiensis Formulations. Journal of Economic Entomology, 2006, 99, 1065-1079.	0.8	14
105	Impact of different pH control agents on biopesticidal activity of Bacillus thuringiensis during the fermentation of starch industry wastewater. Bioprocess and Biosystems Engineering, 2009, 32, 511-519.	1.7	14
106	Functional design of activated sludge processes with heavy metal inhibition. Canadian Journal of Chemical Engineering, 1986, 64, 632-638.	0.9	13
107	Effect of pH on metal solubilization from sewage sludge: a neural-net-based approach. Canadian Journal of Civil Engineering, 1994, 21, 728-735.	0.7	13
108	Starch Industry Wastewater-Based Stable Bacillus thuringiensis Liquid Formulations. Journal of Economic Entomology, 2005, 98, 1890-1898.	0.8	13

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109	Production of thermostable protease enzyme in wastewater sludge using thermophilic bacterial strains isolated from sludge. <i>Water Science and Technology</i> , 2008, 57, 639-645.	1.2	13
110	Biopolymer Production Kinetics of Mixed Culture Using Wastewater Sludge as a Raw Material and the Effect of Different Cations on Biopolymer Applications in Water and Wastewater Treatment. <i>Water Environment Research</i> , 2016, 88, 425-437.	1.3	13
111	Operational Strategy for Metal Bioleaching Based on pH Measurements. <i>Journal of Environmental Engineering, ASCE</i> , 1995, 121, 527-535.	0.7	12
112	Traitement acide pour la stabilisation des boues d'Épuration. <i>Canadian Journal of Civil Engineering</i> , 1996, 23, 76-85.	0.7	12
113	Class A Pathogen Reduction in the SSDML Process. <i>Practice Periodical of Hazardous, Toxic and Radioactive Waste Management</i> , 2001, 5, 48-57.	0.4	12
114	Techno-economic evaluation of simultaneous production of extra-cellular polymeric substance (EPS) and lipids by <i>Cloacibacterium normanense</i> NK6 using crude glycerol and sludge as substrate. <i>Water Science and Technology</i> , 2018, 77, 2228-2241.	1.2	12
115	Effect of Sulphur Concentration on Bioleaching of Cr(III) and Other Metals from Tannery Sludge by Indigenous Sulphur-Oxidizing Bacteria. <i>Practice Periodical of Hazardous, Toxic and Radioactive Waste Management</i> , 2002, 6, 244-249.	0.4	11
116	Treatment of slaughterhouse wastewater in a sequencing batch reactor: Simulation vs experimental studies. <i>Environmental Technology (United Kingdom)</i> , 2004, 25, 23-38.	1.2	11
117	Phosphorus Co-Precipitation in the Biological Treatment of Slaughterhouse Wastewater in a Sequencing Batch Reactor. <i>Practice Periodical of Hazardous, Toxic and Radioactive Waste Management</i> , 2005, 9, 179-192.	0.4	11
118	BACILLUS THURINGIENSIS FERMENTATION OF WASTEWATER AND WASTEWATER SLUDGE – PRESENCE AND CHARACTERIZATION OF CHITINASES. <i>Environmental Technology (United Kingdom)</i> , 2008, 29, 161-170.	1.2	11
119	<i>Bacillus licheniformis</i> proteases as high value added products from fermentation of wastewater sludge: pre-treatment of sludge to increase the performance of the process. <i>Water Science and Technology</i> , 2008, 57, 423-429.	1.2	11
120	SSPRSD Using a Filamentous Fungal Strain <i>Penicillium expansum</i> BS30 Isolated from Wastewater Sludge. <i>Journal of Environmental Engineering, ASCE</i> , 2010, 136, 719-730.	0.7	11
121	Mathematical relationships between spore concentrations, delta-endotoxin levels, and entomotoxicity of <i>Bacillus thuringiensis</i> preparations produced in different fermentation media. <i>Bioresource Technology</i> , 2012, 123, 303-311.	4.8	11
122	Starch industry wastewater for production of biopesticides – ramifications of solids concentrations. <i>Environmental Technology (United Kingdom)</i> , 2009, 30, 393-405.	1.2	10
123	Photostabilization of <i>Bacillus thuringiensis</i> fermented wastewater and wastewater sludge based biopesticides using additives. <i>Acta Tropica</i> , 2009, 111, 7-14.	0.9	10
124	Techno-economic analysis for extracellular-polymeric substances (EPS) production using activated sludge fortified with crude glycerol as substrate and its application in leachate treatment. <i>Bioresource Technology</i> , 2020, 303, 122954.	4.8	10
125	Microbial ecology of simultaneous thermophilic microbial leaching and digestion of sewage sludge. <i>Canadian Journal of Microbiology</i> , 1995, 41, 1071-1080.	0.8	9
126	Microflore hÅ©tÅ©rotrophe impliquÅ©e dans le procÅ©dÅ© simultanÅ© de biolixiviation des mÅ©taux et de digestion des boues d'Å©puration. <i>Canadian Journal of Civil Engineering</i> , 2001, 28, 158-174.	0.7	9

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127	Growth of Four Serovar of <i>Bacillus thuringiensis</i> (Var. <i>Kurstaki</i> , <i>Israelensis</i> , <i>Tenebrionis</i> , and <i>Aizawai</i>) in Wastewater Sludge. <i>Practice Periodical of Hazardous, Toxic and Radioactive Waste Management</i> , 2007, 11, 123-129.	0.4	9
128	Particle Size Variations during Production of Wastewater Sludge-Based <i>Bacillus Thuringiensis</i> Biopesticides. <i>Practice Periodical of Hazardous, Toxic and Radioactive Waste Management</i> , 2008, 12, 30-39.	0.4	8
129	Permeabilization of <i>Kluyveromyces marxianus</i> with Mild Detergent for Whey Lactose Hydrolysis and Augmentation of Mixed Culture. <i>Applied Biochemistry and Biotechnology</i> , 2014, 172, 3207-3222.	1.4	8
130	Analysis of final settling tank in relation to control of metal inhibition in the activated sludge process. <i>Canadian Journal of Chemical Engineering</i> , 1991, 69, 534-543.	0.9	7
131	Polymer production by bacterial strains isolated from activated sludge treating municipal wastewater. <i>Water Science and Technology</i> , 2008, 57, 533-539.	1.2	7
132	Rheological profile of diets produced using agro-industrial wastes for rearing codling moth larvae for baculovirus biopesticides. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2011, 46, 220-230.	0.7	7
133	EFFECT OF EMULSION FORMULATION OF <i>SINORHIZOBIUM MELILOTI</i> AND PRE-INOCULATED SEEDS ON ALFALFA NODULATION AND GROWTH: A POUCH STUDY. <i>Journal of Plant Nutrition</i> , 2013, 36, 231-242.	0.9	7
134	Simultaneous production of biopesticide and alkaline proteases by <i>Bacillus thuringiensis</i> using sewage sludge as a raw material. <i>Water Science and Technology</i> , 2002, 46, 247-54.	1.2	7
135	Prediction of Metal Precipitates in Tannery Sludge Leachate Based on Thermodynamic Calculations. <i>Environmental Technology (United Kingdom)</i> , 2001, 22, 961-970.	1.2	6
136	<i>Bacillus Thuringiensis</i> Fermentation of Primary and Mixed Sludge: Rheology and Process Performance. <i>Journal of Environmental Engineering, ASCE</i> , 2008, 134, 659-670.	0.7	6
137	Biopesticide production using <i>Bacillus thuringiensis kurstaki</i> by valorization of starch industry wastewater and effluent from aerobic, anaerobic digestion. <i>Systems Microbiology and Biomanufacturing</i> , 2021, 1, 494-504.	1.5	6
138	Wastewater Sludge Characteristics. , 2009, , 6-36.		5
139	Optimization of trace elements in purified glycerol for microbial lipid and citric acid production by <i>Yarrowia lipolytica</i> SKY7. <i>Systems Microbiology and Biomanufacturing</i> , 2021, 1, 76-89.	1.5	5
140	Biodiesel production from microbial lipid obtained by intermittent feeding of municipal sludge and treated crude glycerol. <i>Systems Microbiology and Biomanufacturing</i> , 2021, 1, 344-355.	1.5	5
141	Conditionnement et déshydratation de boues d'épuration municipales contaminées par un procédé d'enlèvement des métaux toxiques. <i>Canadian Journal of Civil Engineering</i> , 1997, 24, 716-722.	0.7	4
142	Chromium(III) Isolation from Acid Extract of Tannery Sludge. <i>Practice Periodical of Hazardous, Toxic and Radioactive Waste Management</i> , 2001, 5, 185-193.	0.4	4
143	Comparative study on production and characterisation of extracellular polymeric substances (EPS) using activated sludge fortified with crude glycerol from different biodiesel companies. <i>Systems Microbiology and Biomanufacturing</i> , 2021, 1, 208-222.	1.5	4
144	Greenhouse gas emissions in sludge ultrasonication followed by anaerobic digestion processes. <i>Bioresource Technology</i> , 2021, 341, 125754.	4.8	4

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145	Biological Treatment of Petroleum Refinery Wastewater. , 1991, , 323-340.		4
146	Nanoparticles. , 2009, , 416-445.		3
147	Partial ozonation pre-treatment for sludge solubilization and simultaneous degradation of bisphenol A: quantification studies. Environmental Technology (United Kingdom), 2012, 33, 2699-2708.	1.2	2
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