

Nicolas Roche

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

180
papers

9,867
citations

51
h-index

94
g-index

211
ext. papers

11,691
ext. citations

6
avg, IF

6.01
L-index

#	Paper	IF	Citations
180	Emerging Pollutants in Moroccan Wastewater: Occurrence, Impact, and Removal Technologies. <i>Journal of Chemistry</i> , 2022 , 2022, 1-24	2.3	3
179	Potential Use of Constructed Wetland Systems for Rural Sanitation and Wastewater Reuse in Agriculture in the Moroccan Context. <i>Energies</i> , 2022 , 15, 156	3.1	2
178	Application of Moving Bed Biofilm Reactor and Fixed Bed Hybrid Biological Reactor for Oilfield Produced Water Treatment: Influence of Total Dissolved Solids Concentration. <i>Energies</i> , 2021 , 14, 7297	3.1	1
177	Removal of Pharmaceuticals from Water by Adsorption and Advanced Oxidation Processes: State of the Art and Trends. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 6659	2.6	17
176	Treated wastewater reuse in micro-irrigation: effect of shear stress on biofilm development kinetics and chemical precipitation. <i>Environmental Technology (United Kingdom)</i> , 2021 , 42, 206-216	2.6	3
175	A comparative study of conventional activated sludge and fixed bed hybrid biological reactor for oilfield produced water treatment: Influence of hydraulic retention time. <i>Chemical Engineering Journal</i> , 2021 , 420, 127611	14.7	10
174	Biological Removal and Fate Assessment of Diclofenac Using <i>Bacillus subtilis</i> and <i>Brevibacillus laterosporus</i> Strains and Ecotoxicological Effects of Diclofenac and 4?-Hydroxy-diclofenac. <i>Journal of Chemistry</i> , 2020 , 2020, 1-12	2.3	15
173	Biological Treatments of Oilfield Produced Water: A Comprehensive Review. <i>SPE Journal</i> , 2019 , 24, 2135-2147	3.1	18
172	Kinetics and capacity of phosphorus extraction from solid residues obtained from wet air oxidation of sewage sludge. <i>Waste Management</i> , 2019 , 89, 275-283	8.6	5
171	Effects of C/N Ratio and DO concentration on Carbon and Nitrogen removals in a Hybrid Biological Reactor. <i>Biochemical Engineering Journal</i> , 2019 , 151, 107313	4.2	11
170	Inhaler technique mastery and maintenance in healthcare professionals trained on different devices. <i>Journal of Asthma</i> , 2018 , 55, 79-88	1.9	14
169	Modelling hydrodynamics of horizontal flow steel slag filters designed to upgrade phosphorus removal in small wastewater treatment plants. <i>Journal of Environmental Management</i> , 2018 , 206, 349-356	7.9	17
168	Real-Life Outcomes for Patients with Asthma Prescribed Spacers for Use with Either Expirafine- or Fine-Particle Inhaled Corticosteroids. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2017 , 5, 1040-1049	5.4	10
167	Selected papers from the 10th European Congress of Chemical Engineering [ECCE10] Nice, France. <i>Canadian Journal of Chemical Engineering</i> , 2017 , 95, 207-207	2.3	0
166	From the conventional biological wastewater treatment to hybrid processes, the evaluation of organic micropollutant removal: A review. <i>Water Research</i> , 2017 , 111, 297-317	12.5	405
165	Global Strategy for the Diagnosis, Management and Prevention of Chronic Obstructive Lung Disease 2017 Report: GOLD Executive Summary. <i>Respirology</i> , 2017 , 22, 575-601	3.6	228
164	Global Strategy for the Diagnosis, Management, and Prevention of Chronic Obstructive Lung Disease 2017 Report. GOLD Executive Summary. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 195, 557-582	10.2	1682

163	Global Strategy for the Diagnosis, Management, and Prevention of Chronic Obstructive Lung Disease 2017 Report: GOLD Executive Summary. <i>Archivos De Bronconeumologia</i> , 2017 , 53, 128-149	0.7	27
162	Blood Eosinophils and Response to Maintenance Chronic Obstructive Pulmonary Disease Treatment. Data from the FLAME Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 195, 1189-1197	10.2	117
161	Global Strategy for the Diagnosis, Management, and Prevention of Chronic Obstructive Lung Disease 2017 Report: GOLD Executive Summary. <i>Archivos De Bronconeumologia</i> , 2017 , 53, 128-149	0.7	247
160	Parameters controlling chemical deposits in micro-irrigation with treated wastewater 2017 , 66, 587-597		10
159	Study of Carbonaceous and Nitrogenous Pollutant Removal Efficiencies in a Hybrid Membrane Bioreactor. <i>Journal of Chemistry</i> , 2017 , 2017, 1-7	2.3	3
158	Mid-regional pro-adrenomedullin and copeptin to predict short-term prognosis of COPD exacerbations: a multicenter prospective blinded study. <i>International Journal of COPD</i> , 2017 , 12, 1047-1056		12
157	Patient preferences for dry powder inhaler attributes in asthma and chronic obstructive pulmonary disease in France: a discrete choice experiment. <i>BMC Pulmonary Medicine</i> , 2017 , 17, 99	3.5	16
156	Asthma-Related Outcomes in Patients Initiating Extrafine Ciclesonide or Fine-Particle Inhaled Corticosteroids. <i>Allergy, Asthma and Immunology Research</i> , 2017 , 9, 116-125	5.3	7
155	Blood eosinophil count and exacerbation risk in patients with COPD. <i>European Respiratory Journal</i> , 2017 , 50,	13.6	47
154	Improving the Management of COPD in Women. <i>Chest</i> , 2017 , 151, 686-696	5.3	60
153	Patient Focus and Regulatory Considerations for Inhalation Device Design: Report from the 2015 IPAC-RS/ISAM Workshop. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2017 , 30, 1-13	3.8	16
152	Body Mass Index and Total Psoas Area Affect Outcomes in Patients Undergoing Pneumonectomy for Cancer. <i>Annals of Thoracic Surgery</i> , 2017 , 103, 287-295	2.7	45
151	Relationship between blood eosinophils, clinical characteristics, and mortality in patients with COPD. <i>International Journal of COPD</i> , 2017 , 12, 1819-1824	3	54
150	Current Controversies in the Pharmacological Treatment of Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 194, 541-9	10.2	47
149	Lung Function Abnormalities in Smokers with Ischemic Heart Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 194, 568-76	10.2	41
148	Limited treatment adaptation despite poor asthma control in asthma patients treated with inhaled corticosteroids. <i>Journal of Asthma</i> , 2016 , 53, 76-85	1.9	7
147	High quality standards for a large-scale prospective population-based observational cohort: Constances. <i>BMC Public Health</i> , 2016 , 16, 877	4.1	34
146	Frequency of comorbidities in chronic obstructive pulmonary disease, and impact on all-cause mortality: A population-based cohort study. <i>Respiratory Medicine</i> , 2016 , 117, 33-9	4.6	27

145	Reply. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2016 , 4, 372-3		5.4
144	Comparison of serious inhaler technique errors made by device-naïve patients using three different dry powder inhalers: a randomised, crossover, open-label study. <i>BMC Pulmonary Medicine</i> , 2016 , 16, 12	3.5	24
143	Add-on LABA in a separate inhaler as asthma step-up therapy increased dose of ICS or ICS/LABA combination inhaler. <i>ERJ Open Research</i> , 2016 , 2,	3.5	9
142	Effectiveness of initiating extrafine-particle versus fine-particle inhaled corticosteroids as asthma therapy in the Netherlands. <i>BMC Pulmonary Medicine</i> , 2016 , 16, 80	3.5	13
141	A review of national guidelines for management of COPD in Europe. <i>European Respiratory Journal</i> , 2016 , 47, 625-37	13.6	114
140	Characteristics of patients making serious inhaler errors with a dry powder inhaler and association with asthma-related events in a primary care setting. <i>Journal of Asthma</i> , 2016 , 53, 321-9	1.9	70
139	The Evolution of Pressurized Metered-Dose Inhalers from Early to Modern Devices. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2016 , 29, 311-27	3.8	33
138	Impact of current cough on health-related quality of life in patients with COPD. <i>International Journal of COPD</i> , 2016 , 11, 2091-2097	3	28
137	Determinants and impact of suboptimal asthma control in Europe: The INTERNATIONAL CROSS-SECTIONAL AND LONGITUDINAL ASSESSMENT ON ASTHMA CONTROL (LIAISON) study. <i>Respiratory Research</i> , 2016 , 17, 51	7.3	69
136	Asymptomatic subjects with airway obstruction have significant impairment at exercise. <i>Thorax</i> , 2016 , 71, 804-11	7.3	31
135	Rising total costs and mortality rates associated with admissions due to COPD exacerbations. <i>Respiratory Research</i> , 2016 , 17, 149	7.3	20
134	Co-gasification of wastewater sludge and different feedstock: Feasibility study. <i>Biomass and Bioenergy</i> , 2016 , 89, 201-209	5.3	27
133	The Relationship Between 24-Hour Symptoms and COPD Exacerbations and Healthcare Resource Use: Results from an Observational Study (ASSESS). <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2016 , 13, 561-8	2	16
132	Indacaterol-Glycopyrronium versus Salmeterol-Fluticasone for COPD. <i>New England Journal of Medicine</i> , 2016 , 374, 2222-34	59.2	537
131	The need to increase awareness of the risk factors of COPD. <i>Expert Review of Respiratory Medicine</i> , 2016 , 10, 733-7	3.8	
130	Effects of pipe materials on biofouling under controlled hydrodynamic conditions. <i>Journal of Water Reuse and Desalination</i> , 2016 , 6, 167-174	2.6	3
129	Mortality prediction in chronic obstructive pulmonary disease comparing the GOLD 2007 and 2011 staging systems: a pooled analysis of individual patient data. <i>Lancet Respiratory Medicine</i> , 2015 , 3, 443-50	35.1	98
128	Optimal design and operation of activated sludge processes: State-of-the-art. <i>Chemical Engineering Journal</i> , 2015 , 281, 900-920	14.7	87

127	Multi-objective Optimization of Small-size Wastewater Treatment Plants Operation. <i>Computer Aided Chemical Engineering</i> , 2015 , 37, 2495-2500	0.6	1
126	Multi-objective optimal control of small-size wastewater treatment plants. <i>Chemical Engineering Research and Design</i> , 2015 , 102, 345-353	5.5	31
125	Small-particle Inhaled Corticosteroid as First-line or Step-up Controller Therapy in Childhood Asthma. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2015 , 3, 721-31.e16	5.4	33
124	Current concepts in targeting chronic obstructive pulmonary disease pharmacotherapy: making progress towards personalised management. <i>Lancet, The</i> , 2015 , 385, 1789-1798	4.0	168
123	Thermochemical Conversion of Sewage Sludge by TGA-FTIR Analysis: Influence of Mineral Matter Added. <i>Drying Technology</i> , 2015 , 33, 1318-1326	2.6	9
122	Assessing the clinical value of fast onset and sustained duration of action of long-acting bronchodilators for COPD. <i>Pulmonary Pharmacology and Therapeutics</i> , 2015 , 31, 68-78	3.5	28
121	Mechanisms, assessment and therapeutic implications of lung hyperinflation in COPD. <i>Respiratory Medicine</i> , 2015 , 109, 785-802	4.6	83
120	An Official American Thoracic Society/European Respiratory Society Statement: Research questions in chronic obstructive pulmonary disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015 , 191, e4-e27	10.2	137
119	An official American Thoracic Society/European Respiratory Society statement: research questions in COPD. <i>European Respiratory Journal</i> , 2015 , 45, 879-905	13.6	107
118	Real-world research and its importance in respiratory medicine. <i>Breathe</i> , 2015 , 11, 26-38	1.8	54
117	In situ rheological characterisation of wastewater sludge: Comparison of stirred bioreactor and pipe flow configurations. <i>Chemical Engineering Journal</i> , 2015 , 259, 205-212	14.7	4
116	Which is the Role of Pneumonectomy in the Era of Parenchymal-Sparing Procedures? Early/Long-Term Survival and Functional Results of a Single-Center Experience. <i>Lung</i> , 2015 , 193, 965-73	2.9	13
115	Modified Medical Research Council scale vs Baseline Dyspnea Index to evaluate dyspnea in chronic obstructive pulmonary disease. <i>International Journal of COPD</i> , 2015 , 10, 1663-72	3	51
114	Real-life use of long-acting antimuscarinic agents following their approval for COPD treatment. <i>European Respiratory Journal</i> , 2015 , 45, 260-2	13.6	4
113	Increased Dose of Inhaled Corticosteroid versus Add-On Long-acting β Agonist for Step-Up Therapy in Asthma. <i>Annals of the American Thoracic Society</i> , 2015 , 12, 798-806	4.7	18
112	Epidemiology of spontaneous pneumothorax: gender-related differences. <i>Thorax</i> , 2015 , 70, 653-8	7.3	91
111	An official American Thoracic Society/European Respiratory Society statement: research questions in COPD. <i>European Respiratory Review</i> , 2015 , 24, 159-72	9.8	50
110	Effect of rehabilitation and botulinum toxin injection on gait in chronic stroke patients: a randomized controlled study. <i>Journal of Rehabilitation Medicine</i> , 2015 , 47, 31-7	3.4	80

109	Prevalence and determinants of chronic obstructive pulmonary disease in HIV infected patients in an African country with low level of tobacco smoking. <i>Respiratory Medicine</i> , 2015 , 109, 247-54	4.6	32
108	Modeling partial nitrification and denitrification in a hybrid biofilm reactor: calibration by retention time distribution and respirometric tests. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 12849-60	5.1	6
107	Hospitalizations for COPD Exacerbations: Trends and Determinants of Death. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2015 , 12, 621-7	2	14
106	Impact of gender on COPD expression in a real-life cohort. <i>Respiratory Research</i> , 2014 , 15, 20	7.3	31
105	Transformation of pristine and citrate-functionalized CeO ₂ nanoparticles in a laboratory-scale activated sludge reactor. <i>Environmental Science & Technology</i> , 2014 , 48, 7289-96	10.3	54
104	A clinical in-hospital prognostic score for acute exacerbations of COPD. <i>Respiratory Research</i> , 2014 , 15, 99	7.3	16
103	Early postoperative prophylactic noninvasive ventilation after major lung resection in COPD patients: a randomized controlled trial. <i>Intensive Care Medicine</i> , 2014 , 40, 220-7	14.5	49
102	Tiotropium might improve survival in subjects with COPD at high risk of mortality. <i>Respiratory Research</i> , 2014 , 15, 64	7.3	8
101	Real-life use of fluticasone propionate/salmeterol in patients with chronic obstructive pulmonary disease: a French observational study. <i>BMC Pulmonary Medicine</i> , 2014 , 14, 56	3.5	22
100	Cost-effectiveness of initiating extrafine- or standard size-particle inhaled corticosteroid for asthma in two health-care systems: a retrospective matched cohort study. <i>Npj Primary Care Respiratory Medicine</i> , 2014 , 24, 14081	3.2	19
99	Intensive care unit admission in chronic obstructive pulmonary disease: patient information and the physician's decision-making process. <i>Critical Care</i> , 2014 , 18, R115	10.8	13
98	The authors reply. <i>Critical Care Medicine</i> , 2014 , 42, e250	1.4	
97	Pneumothorax in women of child-bearing age: an update classification based on clinical and pathologic findings. <i>Chest</i> , 2014 , 145, 354-360	5.3	42
96	Comparing the effectiveness of small-particle versus large-particle inhaled corticosteroid in COPD. <i>International Journal of COPD</i> , 2014 , 9, 1163-86	3	14
95	Quality standards for real-world research. Focus on observational database studies of comparative effectiveness. <i>Annals of the American Thoracic Society</i> , 2014 , 11 Suppl 2, S99-104	4.7	91
94	Identification of clinical phenotypes using cluster analyses in COPD patients with multiple comorbidities. <i>BioMed Research International</i> , 2014 , 2014, 420134	3	45
93	Association of chronic nasal symptoms with dyspnoea and quality-of-life impairment in chronic obstructive pulmonary disease. <i>Respirology</i> , 2014 , 19, 346-52	3.6	13
92	Observational study to characterise 24-hour COPD symptoms and their relationship with patient-reported outcomes: results from the ASSESS study. <i>Respiratory Research</i> , 2014 , 15, 122	7.3	112

91	Real-life use of inhaled corticosteroids in COPD patients versus the GOLD proposals: a paradigm shift in GOLD 2011?. <i>European Respiratory Journal</i> , 2014 , 43, 1201-3	13.6	21
90	Current evidence and future research needs for FeNO measurement in respiratory diseases. <i>Respiratory Medicine</i> , 2014 , 108, 830-41	4.6	119
89	. <i>Irrigation Science</i> , 2014 , 32, 77-85	3.1	21
88	Systemic inflammation, nutritional status and tumor immune microenvironment determine outcome of resected non-small cell lung cancer. <i>PLoS ONE</i> , 2014 , 9, e106914	3.7	101
87	Role of biomarkers in the management of antibiotic therapy: an expert panel review: I - currently available biomarkers for clinical use in acute infections. <i>Annals of Intensive Care</i> , 2013 , 3, 22	8.9	65
86	Role of biomarkers in the management of antibiotic therapy: an expert panel review II: clinical use of biomarkers for initiation or discontinuation of antibiotic therapy. <i>Annals of Intensive Care</i> , 2013 , 3, 21	8.9	49
85	Interpreting hydrodynamic behaviour by the model of stirred tanks in series with exchanged zones: preliminary study in lab-scale trickling filters. <i>Environmental Technology (United Kingdom)</i> , 2013 , 34, 2571-8	2.6	5
84	International cross-sectional and longitudinal assessment on asthma control in European adult patients--the LIAISON study protocol. <i>BMC Pulmonary Medicine</i> , 2013 , 13, 18	3.5	6
83	COPD symptoms in the morning: impact, evaluation and management. <i>Respiratory Research</i> , 2013 , 14, 112	7.3	66
82	Outcome and prognostic factors of pleural mesothelioma after surgical diagnosis and/or pleurodesis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013 , 145, 1305-11	1.5	18
81	Asthma outcomes and costs of therapy with extrafine beclomethasone and fluticasone. <i>Journal of Allergy and Clinical Immunology</i> , 2013 , 132, 45-54	11.5	53
80	Calibration of hydrodynamic behavior and biokinetics for TOC removal modeling in biofilm reactors under different hydraulic conditions. <i>Bioresource Technology</i> , 2013 , 144, 202-9	11	18
79	Integrating real-life studies in the global therapeutic research framework. <i>Lancet Respiratory Medicine</i> , 2013 , 1, e29-30	35.1	83
78	Impact of comorbidities on COPD-specific health-related quality of life. <i>Respiratory Medicine</i> , 2013 , 107, 233-41	4.6	79
77	Influence of ICU case-volume on the management and hospital outcomes of acute exacerbations of chronic obstructive pulmonary disease*. <i>Critical Care Medicine</i> , 2013 , 41, 1884-92	1.4	44
76	Enhancement of oxygen mass transfer coefficients in a hybrid membrane bioreactor. <i>Journal of Chemical Technology and Biotechnology</i> , 2013 , 88, 1007-1013	3.5	6
75	Limiting the Pollutant Content in the Sewage Sludge Producer Gas through Staged Gasification. <i>Chemical Engineering and Technology</i> , 2013 , 36, 1985-1996	2	14
74	Real world COPD: association of morning symptoms with clinical and patient reported outcomes. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2013 , 10, 679-86	2	47

73	High-risk patients following hospitalisation for an acute exacerbation of COPD. <i>European Respiratory Journal</i> , 2013 , 42, 946-55	13.6	72
72	Effect of exo-polysaccharide concentration in the rheological properties and settling ability of activated sludge. <i>Environmental Technology (United Kingdom)</i> , 2013 , 34, 2995-3003	2.6	5
71	Chronic bronchitis in the general population: influence of age, gender and socio-economic conditions. <i>Respiratory Medicine</i> , 2012 , 106, 467-71	4.6	37
70	Pilot study assessing the impact of intrathecal baclofen administration mode on sleep-related respiratory parameters. <i>Archives of Physical Medicine and Rehabilitation</i> , 2012 , 93, 96-9	2.8	23
69	Association between occupational exposure and the clinical characteristics of COPD. <i>BMC Public Health</i> , 2012 , 12, 302	4.1	14
68	Physiopathologie de la toux chronique de l'adulte: Physiopathology of chronic cough in adults. <i>Kinesithérapie</i> , 2012 , 12, 25-29	0.1	
67	Multidimensional analyses to assess the relations between treatment choices by physicians and patients' characteristics: the example of COPD. <i>BMC Pulmonary Medicine</i> , 2012 , 12, 39	3.5	1
66	Clinical COPD phenotypes identified by cluster analysis: validation with mortality. <i>European Respiratory Journal</i> , 2012 , 40, 495-6	13.6	29
65	Two distinct chronic obstructive pulmonary disease (COPD) phenotypes are associated with high risk of mortality. <i>PLoS ONE</i> , 2012 , 7, e51048	3.7	86
64	Undiagnosed airflow limitation in patients at cardiovascular risk. <i>Archives of Cardiovascular Diseases</i> , 2011 , 104, 619-26	2.7	9
63	Hospital admissions related to acute exacerbations of chronic obstructive pulmonary disease in France, 1998-2007. <i>Respiratory Medicine</i> , 2011 , 105, 595-601	4.6	21
62	Device type and real-world effectiveness of asthma combination therapy: an observational study. <i>Respiratory Medicine</i> , 2011 , 105, 1457-66	4.6	56
61	Inhaler technique and asthma: feasibility and acceptability of training by pharmacists. <i>Respiratory Medicine</i> , 2011 , 105, 1815-22	4.6	130
60	Postintensive care unit psychological burden in patients with chronic obstructive pulmonary disease and informal caregivers: A multicenter study. <i>Critical Care Medicine</i> , 2011 , 39, 112-8	1.4	89
59	Preresection serum C-reactive protein measurement and survival among patients with resectable non-small cell lung cancer. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011 , 142, 1161-7	1.5	50
58	Pneumothorax recurrence after surgery in women: clinicopathologic characteristics and management. <i>Annals of Thoracic Surgery</i> , 2011 , 92, 322-6	2.7	32
57	Microcalorimetric qualitative analysis of biofilm development in porous media used in wastewater treatment by constructed wetland. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011 , 104, 113-118	4.1	5
56	Reassessing the evidence hierarchy in asthma: evaluating comparative effectiveness. <i>Current Allergy and Asthma Reports</i> , 2011 , 11, 526-38	5.6	33

55	Interactions between HIV infection and chronic obstructive pulmonary disease: Clinical and epidemiological aspects. <i>Respiratory Research</i> , 2011 , 12, 117	7.3	19
54	Experimental Results and Model for N-Gas Compound Production in Pure Steam Gasification for Wastewater Sewage Sludge. <i>Chemical Engineering and Technology</i> , 2011 , 34, 103-110	2	2
53	Effect of membrane bioreactor configurations on sludge structure and microbial activity. <i>Bioresource Technology</i> , 2011 , 102, 975-81	11	20
52	Mineralogy and leachability of gasified sewage sludge solid residues. <i>Journal of Hazardous Materials</i> , 2011 , 191, 219-27	12.8	45
51	Prescribing practices and asthma control with hydrofluoroalkane-beclomethasone and fluticasone: a real-world observational study. <i>Journal of Allergy and Clinical Immunology</i> , 2010 , 126, 511-8.e1-10	11.5	68
50	Choosing inhaler devices for people with asthma: current knowledge and outstanding research needs. <i>Respiratory Medicine</i> , 2010 , 104, 1237-45	4.6	122
49	Chronic obstructive pulmonary disease exacerbations in emergency departments: predictors of outcome. <i>Current Opinion in Pulmonary Medicine</i> , 2010 , 16, 112-7	3	25
48	Acute respiratory illness as a trigger for detecting chronic bronchitis in adults at risk of COPD: a primary care survey. <i>Primary Care Respiratory Journal: Journal of the General Practice Airways Group</i> , 2010 , 19, 371-7		10
47	Choosing inhaler devices for people with asthma: Current knowledge and outstanding research needs. <i>Respiratory Medicine CME</i> , 2010 , 3, 125-131		15
46	Membrane bioreactors for 17 β -ethinylestradiol removal. <i>Journal of Membrane Science</i> , 2010 , 362, 81-85	9.6	16
45	Inhibition of activated sludge respiration by sodium azide addition: Effect on rheology and oxygen transfer. <i>Chemical Engineering Journal</i> , 2010 , 163, 230-235	14.7	36
44	Kinetic parameters for 17 α -ethinylestradiol removal by nitrifying activated sludge developed in a membrane bioreactor. <i>Bioresource Technology</i> , 2010 , 101, 6425-31	11	20
43	Noninvasive ventilation for acute respiratory failure after lung resection: an observational study. <i>Intensive Care Medicine</i> , 2009 , 35, 663-70	14.5	57
42	Cough and sputum production are associated with frequent exacerbations and hospitalizations in COPD subjects. <i>Chest</i> , 2009 , 135, 975-982	5.3	232
41	Clinical pharmacokinetics and pharmacodynamics of desloratadine, fexofenadine and levocetirizine : a comparative review. <i>Clinical Pharmacokinetics</i> , 2008 , 47, 217-30	6.2	47
40	Biodegradation of High Phenol Concentration in a Membrane Bioreactor. <i>International Journal of Chemical Reactor Engineering</i> , 2008 , 6,	1.2	5
39	Should we change antibiotic prophylaxis for lung surgery? Postoperative pneumonia is the critical issue. <i>Annals of Thoracic Surgery</i> , 2008 , 86, 1727-33	2.7	35
38	FEV1/FVC and FEV1 for the assessment of chronic airflow obstruction in prevalence studies: do prediction equations need revision?. <i>Respiratory Medicine</i> , 2008 , 102, 1568-74	4.6	13

37	Development and validation of a cough and sputum assessment questionnaire. <i>Respiratory Medicine</i> , 2008 , 102, 1545-55	4.6	53
36	The effect of an information leaflet upon knowledge and awareness of COPD in potential sufferers. A randomized controlled study. <i>Respiration</i> , 2008 , 76, 53-60	3.7	20
35	17 β -Ethinylestradiol: An endocrine disrupter of great concern. Analytical methods and removal processes applied to water purification. A review. <i>Environmental Progress</i> , 2008 , 27, 383-396		60
34	In situ triphasic rheological characterisation of activated sludge, in an aerated bioreactor. <i>Chemical Engineering Journal</i> , 2008 , 142, 40-47	14.7	50
33	Effect of measuring geometries and of exocellular polymeric substances on the rheological behaviour of sewage sludge. <i>Chemical Engineering Research and Design</i> , 2008 , 86, 554-559	5.5	25
32	Atmospheric pressure influences the risk of pneumothorax: beware of the storm!. <i>Chest</i> , 2007 , 131, 1877-82	5.82	67
31	Rheological measurements of sewage sludge for various solids concentrations and geometry. <i>Process Biochemistry</i> , 2006 , 41, 1656-1662	4.8	109
30	Predictors of an appropriate admission to an ICU after a major pulmonary resection. <i>Respiration</i> , 2006 , 73, 157-65	3.7	21
29	Biodegradation of high phenol concentration by activated sludge in an immersed membrane bioreactor. <i>Biochemical Engineering Journal</i> , 2006 , 30, 174-183	4.2	135
28	Degradation of synthetic phenol-containing wastewaters by MBR. <i>Journal of Membrane Science</i> , 2006 , 281, 288-296	9.6	67
27	Clinical practice guidelines: medical follow-up of patients with asthma--adults and adolescents. <i>Respiratory Medicine</i> , 2005 , 99, 793-815	4.6	25
26	Optimal aeration control of industrial alternating activated sludge plants. <i>Biochemical Engineering Journal</i> , 2005 , 23, 277-289	4.2	44
25	Long-term optimal aeration strategies for small-size alternating activated sludge treatment plants. <i>Chemical Engineering and Processing: Process Intensification</i> , 2005 , 44, 591-604	3.7	19
24	Experimental Study of Mass Transfer Phenomena in a Cross Flow Membrane Bioreactor: Aeration and Membrane Separation. <i>Engineering in Life Sciences</i> , 2005 , 5, 409-414	3.4	10
23	Prognosis of patients with acute myeloid leukaemia admitted to intensive care. <i>British Journal of Haematology</i> , 2005 , 129, 350-7	4.5	80
22	Prognosis of cocaine body-packers. <i>Intensive Care Medicine</i> , 2005 , 31, 955-8	14.5	39
21	Nociceptin inhibits vanilloid TRPV-1-mediated neurosensitization induced by fenoterol in human isolated bronchi. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2004 , 370, 167-75	3.4	15
20	Survey of Protozoa and Metazoa populations in wastewater treatment plants by image analysis and discriminant analysis. <i>Environmetrics</i> , 2004 , 15, 381-390	1.3	33

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40 53