

# Pauline Pearson

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3756828/publications.pdf>

Version: 2024-02-01

19  
papers

511  
citations

840776

11  
h-index

940533

16  
g-index

20  
all docs

20  
docs citations

20  
times ranked

611  
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance of MEA and amine-blends in the CSIRO PCC pilot plant at Loy Yang Power in Australia. <i>Fuel</i> , 2012, 101, 264-275.	6.4	106
2	Pilot-scale evaluation of AMP/PZ to capture CO <sub>2</sub> from flue gas of an Australian brown coal-fired power station. <i>International Journal of Greenhouse Gas Control</i> , 2014, 20, 189-195.	4.6	84
3	Post-combustion capture R&D and pilot plant operation in Australia. <i>Energy Procedia</i> , 2009, 1, 1003-1010.	1.8	46
4	Thermokinetic properties and performance evaluation of benzylamine-based solvents for CO <sub>2</sub> capture. <i>Chemical Engineering Journal</i> , 2015, 264, 230-240.	12.7	45
5	Ruthenium(II) Complexes Incorporating 2-(2-Pyridyl)pyrimidine-4-carboxylic Acid. <i>Inorganic Chemistry</i> , 2009, 48, 68-81.	4.0	33
6	Carbonyl-Carboxylato-Ruthenium Complexes Incorporating Diimine Ligands and Unexpected Cyclometalation of Carboxylate Ligands. <i>Inorganic Chemistry</i> , 2004, 43, 683-691.	4.0	28
7	Synthesis and characterisation of bis(2,2'-bipyridine)(4-carboxy-4'-pyrid-2-ylmethylamido)-2,2'-bipyridine ruthenium(II) di(hexafluorophosphate): Comparison of spectroelectrochemical properties with related complexes. <i>Inorganica Chimica Acta</i> , 2008, 361, 601-612.	2.4	27
8	Electrochemical investigation of corrosion in CO <sub>2</sub> capture plants-Influence of amines. <i>Electrochimica Acta</i> , 2013, 110, 511-516.	5.2	27
9	Corrosion coupon evaluation under pilot-scale CO <sub>2</sub> capture conditions at an Australian coal-fired power station. , 2013, 3, 169-184.		26
10	The application of trans-1,4-diaminocyclohexane as a bicarbonate formation rate promoter in CO <sub>2</sub> capture. <i>Fuel</i> , 2018, 226, 479-489.	6.4	17
11	A technology review for regeneration of sulfur rich amine systems. <i>International Journal of Greenhouse Gas Control</i> , 2018, 75, 243-253.	4.6	16
12	A study of designer amine 4-amino-1-propyl-piperidine against the corrosion of carbon steel for application in CO <sub>2</sub> capture. <i>International Journal of Greenhouse Gas Control</i> , 2020, 94, 102929.	4.6	13
13	The evolution of a new class of CO <sub>2</sub> absorbents: Aromatic amines. <i>International Journal of Greenhouse Gas Control</i> , 2019, 83, 11-19.	4.6	12
14	Techno-economic evaluation of amine-reclamation technologies and combined CO <sub>2</sub> /SO <sub>2</sub> capture for Australian coal-fired plants. <i>International Journal of Greenhouse Gas Control</i> , 2020, 98, 103065.	4.6	11
15	An Update on the Development of the CSIRO's CS-Cap Combined CO <sub>2</sub> and SO <sub>2</sub> Capture Process. <i>Energy Procedia</i> , 2017, 114, 1721-1728.	1.8	10
16	Simulating combined SO <sub>2</sub> and CO <sub>2</sub> capture from combustion flue gas. , 2019, 9, 1087-1095.		6
17	Di-1/4-benzoato-bis[dicarbonyl(pyridine)ruthenium(II)] (new polymorph) and di-1/4-trifluoroacetato-bis[dicarbonyl(pyridine)ruthenium(II)]. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003, 59, m537-m539.	0.4	3
18	IR Monitoring of Absorbent Composition and Degradation during Pilot Plant Operation. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 7080-7086.	3.7	1

#	ARTICLE	IF	CITATIONS
19	Regeneration of sulfate-rich postcombustion capture amines through reactive crystallisation. Asia-Pacific Journal of Chemical Engineering, 2020, 15, e2555.	1.5	0