

Pauline Pearson

List of Publications by Year in descending order

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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	IR Monitoring of Absorbent Composition and Degradation during Pilot Plant Operation. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 7080-7086.	3.7	1
2	A study of designer amine 4-amino-1-propyl-piperidine against the corrosion of carbon steel for application in CO ₂ capture. <i>International Journal of Greenhouse Gas Control</i> , 2020, 94, 102929.	4.6	13
3	Regeneration of sulfate-rich postcombustion capture amines through reactive crystallisation. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2020, 15, e2555.	1.5	0
4	Techno-economic evaluation of amine-reclamation technologies and combined CO ₂ /SO ₂ capture for Australian coal-fired plants. <i>International Journal of Greenhouse Gas Control</i> , 2020, 98, 103065.	4.6	11
5	The evolution of a new class of CO ₂ absorbents: Aromatic amines. <i>International Journal of Greenhouse Gas Control</i> , 2019, 83, 11-19.	4.6	12
6	Simulating combined SO ₂ and CO ₂ capture from combustion flue gas. , 2019, 9, 1087-1095.		6
7	The application of trans-1,4-diaminocyclohexane as a bicarbonate formation rate promoter in CO ₂ capture. <i>Fuel</i> , 2018, 226, 479-489.	6.4	17
8	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
9	An Update on the Development of the CSIRO's CS-Cap Combined CO ₂ and SO ₂ Capture Process. <i>Energy Procedia</i> , 2017, 114, 1721-1728.	1.8	10
10	Thermokinetic properties and performance evaluation of benzylamine-based solvents for CO ₂ capture. <i>Chemical Engineering Journal</i> , 2015, 264, 230-240.	12.7	45
11	Pilot-scale evaluation of AMP/PZ to capture CO ₂ 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
12	Electrochemical investigation of corrosion in CO ₂ capture plants—Influence of amines. <i>Electrochimica Acta</i> , 2013, 110, 511-516.	5.2	27
13	Corrosion coupon evaluation under pilot-scale CO ₂ capture conditions at an Australian coal-fired power station. , 2013, 3, 169-184.		26
14	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
15	Post-combustion capture R&D and pilot plant operation in Australia. <i>Energy Procedia</i> , 2009, 1, 1003-1010.	1.8	46
16	Ruthenium(II) Complexes Incorporating 2-(2-Pyridyl)pyrimidine-4-carboxylic Acid. <i>Inorganic Chemistry</i> , 2009, 48, 68-81.	4.0	33
17	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
18	Carbonyl-Carboxylato Ruthenium Complexes Incorporating Diimine Ligands and Unexpected Cyclometalation of Carboxylate Ligands. <i>Inorganic Chemistry</i> , 2004, 43, 683-691.	4.0	28

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19	Di- $\frac{1}{4}$ -benzoato-bis[dicarbonyl(pyridine)ruthenium(I)] (new polymorph) and di- $\frac{1}{4}$ -trifluoroacetato-bis[dicarbonyl(pyridine)ruthenium(I)]. Acta Crystallographica Section C: Crystal Structure Communications, 2003, 59, m537-m539.	0.4	3