

# Piotr M Machniewski

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7678661/publications.pdf>

Version: 2024-02-01

10  
papers

113  
citations

1478505

6  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

130  
citing authors

#	ARTICLE	IF	CITATIONS
1	CFD modelling of stirred tank chemical reactors: homogeneous and heterogeneous reaction systems. <i>Chemical Engineering Science</i> , 2004, 59, 5233-5239.	3.8	33
2	CFD analysis of large-scale hydrogen detonation and blast wave overpressure in partially confined spaces. <i>Chemical Engineering Research and Design</i> , 2022, 158, 537-546.	5.6	21
3	Degradation of Nitroaromatics (MNT, DNT AND TNT) by AOPs. <i>Ozone: Science and Engineering</i> , 2001, 23, 343-349.	2.5	15
4	Bubble Breakup and Coalescence in a Plunging Liquid Jet Bubble Column. <i>Canadian Journal of Chemical Engineering</i> , 2003, 81, 519-527.	1.7	15
5	Effectiveness of toluene mineralization by gas-phase oxidation over Co(II)/SiO <sub>2</sub> catalyst with ozone. <i>Environmental Technology (United Kingdom)</i> , 2021, 42, 3987-3994.	2.2	9
6	Modelling and Measurement of Bubble Formation and Growth in Electroflotation Processes. <i>Chemical and Process Engineering - Inzynieria Chemiczna I Procesowa</i> , 2013, 34, 327-336.	0.7	7
7	Modeling of Ozone Reaction with Benzaldehyde Incorporating Ozone Decomposition in Aqueous Solutions. <i>Ozone: Science and Engineering</i> , 2013, 35, 489-500.	2.5	5
8	Modelling and experimental investigation of waste tyre pyrolysis process in a laboratory reactor. <i>Chemical and Process Engineering - Inzynieria Chemiczna I Procesowa</i> , 2017, 38, 445-454.	0.7	5
9	Carbon Dioxide Absorption into Aqueous Blends of N-Methyldiethanolamine and 2-Ethylaminoethanol. <i>Chemical and Process Engineering - Inzynieria Chemiczna I Procesowa</i> , 2012, 33, 547-561.	0.7	2
10	Bubble Formation at a Rotating Cylindrical Surface in Cross-Flowing Liquid. <i>Canadian Journal of Chemical Engineering</i> , 2004, 82, 442-449.	1.7	1