

# Kegui Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/280763/publications.pdf>

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8  
papers

716  
citations

1163117  
8  
h-index

1588992  
8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

606  
citing authors

#	ARTICLE	IF	CITATIONS
1	Halogen-substituted imidazoline derivatives as corrosion inhibitors for mild steel in hydrochloric acid solution. <i>Corrosion Science</i> , 2015, 90, 284-295.	6.6	272
2	Amino acids modified konjac glucomannan as green corrosion inhibitors for mild steel in HCl solution. <i>Carbohydrate Polymers</i> , 2018, 181, 191-199.	10.2	149
3	Inhibition of mild steel corrosion in hydrochloric acid using two novel pyridine Schiff base derivatives: a comparative study of experimental and theoretical results. <i>RSC Advances</i> , 2017, 7, 43014-43029.	3.6	100
4	Inhibitory effect of konjac glucomannan on pitting corrosion of AA5052 aluminium alloy in NaCl solution. <i>Journal of Colloid and Interface Science</i> , 2018, 517, 52-60.	9.4	94
5	Theoretical prediction and experimental study of 1-Butyl-2-(4-methylphenyl)benzimidazole as a novel corrosion inhibitor for mild steel in hydrochloric acid. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2015, 51, 193-200.	5.3	40
6	Enhanced inhibitive performance of fluoro-substituted imidazolium-based ionic liquid for mild steel corrosion in hydrochloric acid at elevated temperature. <i>Journal of Materials Science</i> , 2018, 53, 14666-14680.	3.7	27
7	Corrosion inhibition of mild steel by bromide-substituted imidazoline in hydrochloric acid. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2015, 57, 167-174.	5.3	23
8	Green Synthesis of Novel Schiff Bases as Eco-friendly Corrosion Inhibitors for Mild Steel in Hydrochloric Acid. <i>ChemistrySelect</i> , 2018, 3, 12486-12494.	1.5	9