

# Najmeh Asadi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11637620/publications.pdf>

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10  
papers

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citations

1478505

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1474206

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docs citations

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times ranked

363  
citing authors

#	ARTICLE	IF	CITATIONS
1	Utilizing Lemon Balm extract as an effective green corrosion inhibitor for mild steel in 1M HCl solution: A detailed experimental, molecular dynamics, Monte Carlo and quantum mechanics study. Journal of the Taiwan Institute of Chemical Engineers, 2019, 95, 252-272.	5.3	242
2	Effect of Curing Conditions on the Protective Performance of an Ecofriendly Hybrid Silane Sol-gel Coating with Clay Nanoparticles Applied on Mild Steel. Industrial & Engineering Chemistry Research, 2014, 53, 10644-10652.	3.7	25
3	Synergistic effect of imidazole dicarboxylic acid and Zn <sup>2+</sup> simultaneously doped in halloysite nanotubes to improve protection of epoxy ester coating. Progress in Organic Coatings, 2019, 132, 29-40.	3.9	25
4	Doping of zinc cations in chemically modified halloysite nanotubes to improve protection function of an epoxy ester coating. Corrosion Science, 2019, 151, 69-80.	6.6	24
5	Theoretical MD/DFT computer explorations and surface-electrochemical investigations of the zinc/iron metal cations interactions with highly active molecules from Lemon balm extract toward the steel corrosion retardation in saline solution. Journal of Molecular Liquids, 2020, 310, 113220.	4.9	21
6	Halloysite nanotubes loaded with imidazole dicarboxylic acid to enhance protection properties of a polymer coating. Progress in Organic Coatings, 2019, 127, 375-384.	3.9	18
7	Improvement the protection performance of lanolin based temporary coating using benzotriazole and cerium (III) nitrate: Combined experimental and computational analysis. Progress in Organic Coatings, 2021, 151, 106085.	3.9	5
8	Nanoparticles incorporated in silane sol-gel coatings. , 2020, , 451-471.		5
9	Determination of Optimum Concentration of Benzimidazole Improving the Cathodic Disbonding Resistance of Epoxy Coating. Coatings, 2018, 8, 471.	2.6	4
10	Surface Pretreatments of AA5083 Aluminum Alloy with Enhanced Corrosion Protection for Cerium-Based Conversion Coatings Application: Combined Experimental and Computational Analysis. Molecules, 2021, 26, 7413.	3.8	3