

# Ali Asghar Javidparvar

## List of Publications by Year in descending order

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9  
papers

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1040056

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docs citations

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#	ARTICLE	IF	CITATIONS
1	Construction of a novel polytetrafluoroethylene-based sealant paste: The effect of polyvinyl butyral (PVB) and nano-alumina on the sealing performance and construction formulations. Results in Engineering, 2022, 14, 100460.	5.1	10
2	Developing a Fluorescent Hybrid Nanobiosensor Based on Quantum Dots and Azoreductase Enzyme for Methyl Red Monitoring. Iranian Biomedical Journal, 2021, 25, 8-20.	0.7	20
3	Modified hydroxyethyl cellulose as a highly efficient eco-friendly inhibitor for suppression of mild steel corrosion in a 15% HCl solution at elevated temperatures. Journal of Molecular Liquids, 2021, 338, 116607.	4.9	48
4	Manipulating graphene oxide nanocontainer with benzimidazole and cerium ions: Application in epoxy-based nanocomposite for active corrosion protection. Corrosion Science, 2020, 165, 108379.	6.6	65
5	Non-covalently surface modification of graphene oxide nanosheets and its role in the enhancement of the epoxy-based coatings' physical properties. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 602, 125061.	4.7	20
6	L-cysteine reduced/functionalized graphene oxide application as a smart/control release nanocarrier of sustainable cerium ions for epoxy coating anti-corrosion properties improvement. Journal of Hazardous Materials, 2020, 389, 122135.	12.4	79
7	Epoxy-polyamide nanocomposite coating with graphene oxide as cerium nanocontainer generating effective dual active/barrier corrosion protection. Composites Part B: Engineering, 2019, 172, 363-375.	12.0	154
8	Designing a potent anti-corrosion system based on graphene oxide nanosheets non-covalently modified with cerium/benzimidazole for selective delivery of corrosion inhibitors on steel in NaCl media. Journal of Molecular Liquids, 2019, 284, 415-430.	4.9	60
9	Graphene oxide as a pH-sensitive carrier for targeted delivery of eco-friendly corrosion inhibitors in chloride solution: Experimental and theoretical investigations. Journal of Industrial and Engineering Chemistry, 2019, 72, 196-213.	5.8	81