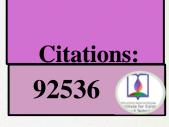


## **Current Statistics of International Research Achievements of Institute for Color Science and Technology**









 $\overline{C}$ itations<sub>FM</sub>: 2746

	Highly-Cited papers
	Synthesis of pearl necklace-like ZIF-8@chitosan/PVA nanofiber with synergistic effect for recyclingaqueous dye removal.
	Mahmoodi, NM; Oveisi, M; Taghizadeh, A; Taghizadeh, M
2	Synthesis of metal-organic framework hybrid nanocomposites based on GO and CNT with highadsorption capacity for dye removal.
	Abdi, J. Vossoughi, M; Mahmoodi, NM; Alemzadeh, I
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	Use of Rosa canina fruit extract as a green corrosion inhibitor for mild steel in 1 M HCl solution: Acomplementary experimental, molecular
	dynamics and quantum mechanics investigation.
	Sanaei, Z; Ramezanzadeh, M; Bahlakeh, G; Ramezanzadeh, B
	Synthesis of graphene oxide nanosheets decorated by nanoporous zeolite-imidazole (ZIF-67) basedmetal-organic framework with controlled-
	release corrosion inhibitor performance: Experimental anddetailed DFT-D theoretical exploration
	Lashgari, SM; Yari, H; Mahdavian, M; Ramezanzadeh, B; Bahlakeh, G; Ramezanzadeh, M
	A facile route of making silica nanoparticles-covered graphene oxide nanohybrids (SiO2-GO): fabrication of SiO2-GO/epoxy composite coatin
	with superior barrier and corrosion protectionperformance.
	Ramezanzadeh, B; Haeri, Z; Ramezanzadeh, M
	Utilizing Lemon Balm extract as an effective green corrosion inhibitor for mild steel in 1M HClsolution: A detailed experimental, molecular
	dynamics, Monte Carlo and quantum mechanics study.
	Asadi, N; Ramezanzadeh, M; Bahlakeh, G; Ramezanzadeh, B
	Development of metal-organic framework (MOF) decorated graphene oxide nanoplatforms for anti-corrosion epoxy coatings
	Ramezanzadeh, M; Ramezanzadeh, B; Mahdavian, M; Bahlakeh, G
	MIL-Ti metal-organic frameworks (MOFs) nanomaterials as superior adsorbents: Synthesis andultrasound-aided dye adsorption from
	multicomponent wastewater systems.
	Oveisi, M; Asli, MA; <mark>Mahmoodi, NM</mark>
	Persian Liquorice extract as a highly efficient sustainable corrosion inhibitor for mild steel in sodiumchloride solution.
	Alibakhshi, E; Ramezanzadeh, M; Haddadi, SA; Bahlakeh, G; Ramezanzadeh, B; Mandavian, M
0	Enhancement of barrier and corrosion protection performance of an epoxy coating through wettransfer of amino functionalized graphene
•	
	oxide.
	Ramezanzadeh, B; Niroumandrad, S; Ahmadi, A; Mahdavian, M; Moghadam, MHM
	Effects of highly crystalline and conductive polyaniline/graphene oxide composites on the corrosionprotection performance of a zinc-rich
	epoxy coating.
	Ramezanzadeh, B; Moghadam, MHM; Shohani, N; Mandavian, M
2	Agarose-based biomaterials for tissue engineering.
	Zarrintaj, P. Manouchehri, S. Ahmadi, Z. Saeb, MR. Urbanska, AM. Kaplan, DL. Mozafari, M
13	Heavy metal adsorption using PAMAM/CNT nanocomposite from aqueous solution in batch and continuous fixed bed systems.
	Hayati, B; Maleki, A; Najafi, F; Gharibi, F; McKay, G; Gupta, VK; Puttalah, SH; Marzban, N
14	
4	Development of an active/barrier bi-functional anti-corrosion system based on the epoxy nanocomposite loaded with highly-coordinated
	functionalized zirconium-based nanoporous metal-organic framework (Zr-MOF).
	Ramezanzadeh, M; Ramezanzadeh, B; Bahlakeh, G; Tati, A; Mahdavian, M
	Molecular-MD/atomic-DFT theoretical and experimental studies on the quince seed extract corrosioninhibition performance on the acidic-
	solution attack of mild-steel.
	Shahmoradi, AR; Talebibahmanbiqloo, N;Nickhil, C; Nisha, R; Javidparvar, AA; Ghahremani, P; Bahlakeh, G; Ramezanzadeh, B
6	Theoretical and surface/electrochemical investigations of walnut fruit green husk extract as effective inhibitor for mild-steel corrosion in 1M
	HCI electrolyte.
	Shahmoradi, AR: Ranjbarghanei, M; Javidparvar, AA; Guo, L; Berdimurodov, E; Ramezanzadeh, B
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7	Clean Laccase immobilized nanobiocatalysts (graphene oxide - zeolite nanocomposites): Fromproduction to detailed biocatalytic degradation
	of organic pollutant.
	Mahmoodi, Niyaz Mohammad); Saffar-Dastgerdi,Mohammad Hosein
8	Chitosan-wrapped multiwalled carbon nanotube as filler within PEBA thin film nanocomposite (TFN) membrane to improve dye removal.
	Mousavi, SR; Asghari, M; <mark>Mahmoodi, NM</mark>
9	Flame Retardancy Index for Thermoplastic Composites.
	Vahabi, H; Kandola, BK; <mark>Saeb, MR</mark>
	Graphene skeletal nanotemplate coordinated with pH-Responsive porous Double-Ligand Metal-Organic frameworks (DL-MOFs) through ligand
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0	exchange theory for High-Performance smart coatings
	Ramezanzadeh, Mohammad; Ramezanzadeh, Bahram; Mahdavian, Mohammad
	Ramezanzadeh, Mohammad; Ramezanzadeh, Bahram; Mahdavian, Mohammad Potential of <i>Borage</i> flower aqueous extract as an environmentally sustainable corrosion inhibitor for acid corrosion of mild steel:
	Ramezanzadeh, Mohammad; Ramezanzadeh, Bahram; Mahdavian, Mohammad Potential of <i>Borage</i> flower aqueous extract as an environmentally sustainable corrosion inhibitor for acid corrosion of mild steel: Electrochemical and theoretical studies
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1	Ramezanzadeh, Mohammad; Ramezanzadeh, Bahram; Mahdavian, Mohammad  Potential of <i-borage< i=""> Flower aqueous extract as an environmentally sustainable corrosion inhibitor for acid corrosion of mild steel: Electrochemical and theoretical studies  DDehghani, Ali; Bahlakeh, Ghasem; Ramezanzadeh, Bahram; Ramezanzadeh, Mohammad  Heterogeneous MIL-88A on MIL-88B hybrid: A promising eco-friendly hybrid from green synthesis to dual application (Adsorption and</i-borage<>
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