Ministry of Science, Research and Technology
Institute for Color Science & Technology

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

H-Index: 131

Citations: 84437

Publications: 2403

$\bar{H}_{FM}$: 21.60

FM= Faculty Members

$\bar{C}itations_{FM}$: 2573

Highly-Cited papers	
1	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
3	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
4	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
5	A facile route of making silica nanoparticles-covered graphene oxide nanohybrids (SiO2-GO);fabrication of SiO2-GO/epoxy composite coating with superior barrier and corrosion protectionperformance. Ramezanzadeh, B; Haeri, Z; Ramezanzadeh, M
6	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
7	Development of metal-organic framework (MOF) decorated graphene oxide nanoplatforms for anti-corrosion epoxy coatings Ramezanzadeh, M; Ramezanzadeh, B; Mahdavian, M; Bahlakeh, G
8	MIL-Ti metal-organic frameworks (MOFs) nanomaterials as superior adsorbents: Synthesis andultrasound-aided dye adsorption from multicomponent wastewater systems. Oveisi, M; Asli, MA; Mahmoodi, NM
9	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
10	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
11	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
12	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 andcontinuous fixed bed systems. Hayati, B; Maleki, A; Najafi, F; Gharibi, F; McKay, G; Gupta, VK; Puttaiah, SH; Marzban, N
14	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
15	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; Talebibahmanbigloo, N;Nickhil, C; Nisha, R; Javidparvar, AA; Ghahremani, P; Bahlakeh, G; Ramezanzadeh, B
16	Theoretical and surface/electrochemical investigations of walnut fruit green husk extract as effectiveinhibitor for mild-steel corrosion in 1M HCl electrolyte. Shahmoradi, AR; Ranjbarghanei, M; Javidparvar, AA; Guo, L; Berdimurodov, E; Ramezanzadeh, B
17	Clean Laccase immobilized nanobiocatalysts (graphene oxide - zeolite nanocomposites): Fromproduction to detailed biocatalytic degradation of organic pollutant. Mahmoodi, Niyaz Mohammad); Saffar-Dastgerdi,Mohammad Hosein
18	Chitosan-wrapped multiwalled carbon nanotube as filler within PEBA thin film nanocomposite (TFN) membrane to improve dye removal. Mousavi, SR; Asghari, M; Mahmoodi, NM
19	Flame Retardancy Index for Thermoplastic Composites. Vahabi, H; Kandola, BK; Saeb, MR
20	Graphene skeletal nanotemplate coordinated with pH-Responsive porous Double-Ligand Metal-Organic frameworks (DL-MOFs) through ligand exchange theory for High-Performance smart coatings Ramezanzadeh, Mohammad; Ramezanzadeh, Bahram; Mahdavian, Mohammad
21	Potential of Borage 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
22	Heterogeneous MIL-88A on MIL-88B hybrid: A promising eco-friendly hybrid from green synthesis to dual application (Adsorption and photocatalysis) in tetracycline and dyes removal Rabeie, Bahareh; Mahmoodi, Niyaz Mohammad
23	Poloxamer: A versatile tri-block copolymer for biomedical applications Zarrintaj, Payam; Ramsey, Joshua D.; Samadi, Ali; Atoufi, Zhaleh; Yazdi, Mohsen Khodadadi; Ganjali, Mohammad Reza;Amirabad, Leila Mohammadi; Zangene, Ehsan; Farokhi, Mehdi; Formela, Krzysztof; Saeb, Mohammad Reza; Mozafari, Masoud;Thomas, Sabu
24	Rational assembly of mussel-inspired polydopamine (PDA)-Zn (II) complex nanospheres on grapheneoxide framework tailored for robust self-healing anti-corrosion coatings application Habibiyan, Aylin; Ramezanzadeh, Bahram; Mahdavian, Mohammad; Bahlakeh, Ghasem; Kasaeian, Kasaeian, Mojtaba