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**EDUCATION**

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**PUBLICATIONS**

|  |  |  |  |  |
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| **2022** | **26** | **155** | **68** | **0** |
| Citations | h-Index | Article | Conference | Book |

***Articles***

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**2.** Liquid-liquid extraction of calcium in a scaled-out microfluidic device: Process intensification using a crown ether-ionic liquid system. Asadi saghandi Hamid, Karimi-sabet Javad, Ghorbanian Sohrab Ali, Mousavian Seyed Mohammad Ali (2023)., Chemical Engineering and Processing-Process Intensification, 183(ND), 109261.  
  
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**4.** Th(ІV) biosorption from a three-component feed solution by Ca-pretreated Cystoseria indica alga in a fixed-bed column: Experimental tests and modeling. Amiri Mahdi, Keshtkar Alireza, Mousavian Seyed Mohammad Ali (2022)., Journal of Environmental Chemical Engineering, 10(6), 108579.  
  
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**6.** The strategy of precursors entering furnace for graphene synthesis through the CVD technique. Koosha Najmeh, Karimi-sabet Javad, Mousavian Seyed Mohammad Ali, Amini Younes, Dastbaz English (2022)., Graphene and 2D Materials, 7(ND), 31-44.  
  
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**9.** Erbium adsorption from aqueous solutions using RSM-based optimization of the phosphate functional group in modified nano titania. Ghorbani khoshkeroodi Seyed rohollah, Lalinia Minoosh, Mousavian Seyed Mohammad Ali, Sillanpaa Mika (2022)., COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS, 641(ND), 128537.  
  
**10.** Optimal design and economic analysis of a hybrid process of municipal solid waste plasma gasification, thermophotovoltaic power generation and hydrogen/liquid fuel production. Mehrpooya Mehdi, Ghorbani Amir, Mousavian Seyed Mohammad Ali, Amiri Yasaman (2022)., SUSTAINABLE ENERGY TECHNOLOGIES AND ASSESSMENTS, 49(2), 101717.  
  
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**13.** Heat transfer and economic analyses of using various nanofluids in shell and tube heat exchangers for the cogeneration and solar-driven organic Rankine cycle systems. Mehrpooya Mehdi, Dehqani Meqdad, [] [], Mousavian Seyed Mohammad Ali (2021)., International Journal of Low-Carbon Technologies, 69(10).  
  
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**17.** The optimization of U(VI) removal by a novel amidoximated modified calcium alginate gel bead with entrapped functionalized SiO2 nanoparticles. Khajavi Pegah, Keshtkar Ali Reza, Mousavian Seyed Mohammad Ali (2021)., PROGRESS IN NUCLEAR ENERGY, 140(ND), 103887.  
  
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**23.** One-pot EPD/ECD fabrication of high-performance binder-free nanocomposite based on the Fe3O4 nanoparticles/porous graphene sheets for supercapacitor applications. Malekbarmi Abbas ali, Mousavian Seyed Mohammad Ali, Aghazadeh Mustafa, Nozad Golikand Ahmad (2020)., JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, 31(22), 19569-19586.  
  
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**31.** Using Fe3O4-coated nanofibers based on cellulose acetate/chitosan for adsorption of Cr(VI), Ni(II) and phenol from aqueous solutions. Karamipour Alireza, Khadiv- Parsi Parissa, Zahedi Payam, Mousavian Seyed Mohammad Ali (2019)., INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, ND(ND).  
  
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