

Accepted papers for poster presentation in the OGPC2022

Row	Paper ID	Title	Author	Email address
1	ogpc2022-01600324	In-situ stress estimation using machine learning algorithms and drilling data	Ranjbar ali	ali.ranjbar@pgu.ac.ir
2	ogpc2022-01600323	Optimal mud weight window calculation using machine learning methods	Ranjbar ali	ali.ranjbar@pgu.ac.ir
3	ogpc2022-01600322	Solving Mendel's problem using the standard Galerkin Finite element method	Ranjbar ali	ali.ranjbar@pgu.ac.ir
4	ogpc2022-01600319	3D Young's modulus modeling in the X reservoir located in the northeast of the Persian Gulf	Ranjbar ali	ali.ranjbar@pgu.ac.ir
5	ogpc2022-02530318	Investigation of biosorption of zinc by Chaetomorpha biomass modified by magnetic nanoparticles	niad mahmood	maniad@pgu.ac.ir
6	ogpc2022-02530316	Simultaneous substitution of chromium and zinc cations in the structure of nickel ferrite nanoparticles and investigation of their structural, absorption and magnetic properties	niad mahmood	maniad@pgu.ac.ir
7	ogpc2022-00520314	Investigating the Risks of Noise Pollution in A Petrochemical Site and Its Impact on the People	Karami Rahim	r.karami@pgu.ac.ir
8	ogpc2022-00460309	Analysis and review of numerical methods for calculating the inverse Laplace transform using MATLAB software	ebrahimi arash	arashebrahimi27@ymail.com
9	ogpc2022-02140308	Heat Stable Salts Effects in a Natural Gas Sweetening Plant	Hemmatzadeh Arsalan	arsalanhemmatzadeh@gmail.com

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10	ogpc2022-01600307	Determining critical drilling depths using support vector machine, discriminant analysis and ensemble classifier methods, a case study	Ranjbar ali	ali.ranjbar@pgu.ac.ir
11	ogpc2022-02590305	Bioabsorption of lead by magnetic nanoparticles prepared from Chaetomorpha algae extract	Maftoon-Azad Leila	maftoon1@yahoo.com
12	ogpc2022-02590304	Investigation of Chromate Ion Absorption with a Bio-active Molecule in Cinnamon Extract	Maftoon-Azad Leila	maftoon1@yahoo.com
13	ogpc2022-00900294	Simulation of the production process of olefins from methanol using HYSIS software	Ahmadinia Reza	reza.ahmadinia22@yahoo.com
14	ogpc2022-02540292	Investigation on oil pollution of soils caused by gas condensate leakage in	Agah Homira	aaagah_hom@yahoo.com
15	ogpc2022-02530290	Activation of persulfate by nickel ferrite nanoparticles for effective degradation of tetracycline antibiotic	niad mahmood	maniad@pgu.ac.ir
16	ogpc2022-02480289	Multiobjective Optimization of Fluidized-bed Methanol Reactor for Simultaneous Intensification of Methanol Production rate and Selectivity	bayat mahdi	m.bayat@ub.ac.ir
17	ogpc2022-02480288	A Novel Integrated Fixed-Moving Bed Heat Exchanger Reactor for Coupling of Steam reforming of methane and Chemical Looping Combustion	bayat mahdi	m.bayat@ub.ac.ir
18	ogpc2022-02480287	Dynamic Modeling of a Novel Cascade Membrane Methanol Reactor for Reducing Carbon Dioxide Emission Mitigation	bayat mahdi	m.bayat@ub.ac.ir
19	ogpc2022-02440279	Preparation of in situ forming wound dressing hydrogels based on chemically modified tragacanth gum	Tavakol Moslem	m.tavakol@yazd.ac.ir

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20	ogpc2022-02420278	Risk assessment of explosion of LPG pressure vessel	Niroomand Marzieh	marzyehniromand@icloud.com
21	ogpc2022-02360277	Application of artificial neural network for the prediction of phenol removal from aqueous solution	Dehghan monfared Abolfazl	dehghan@pgu.ac.ir
22	ogpc2022-01330269	Investigating of wastewater treatment by using of synthesized Zinc Titanium oxide nanoparticles	Ghanbari Fatemeh	ghanbary83@yahoo.com
23	ogpc2022-01940262	Fabrication of black iron oxide and alkyd resin based primer, recycled from steel forming mill scale	Peighambari Satari S. Majid	majidpeighambari@gmail.com
24	ogpc2022-02160258	Study of temperature and polymerization kinetics using a dinuclear cobalt catalyst for polymerization of methyl methacrylate	Parsaiyan Homa	homaparsaiyan1@gmail.com
25	ogpc2022-02160257	Polymerization of methyl methacrylate using late transition metal catalyst of [(1,4-phenylenebis(azaneylylidene)) bis(1-benzylinolin-2-one)] CoCl ₂	Parsaiyan Homa	homaparsaiyan1@gmail.com
26	ogpc2022-02360256	Developing a New Correlation for Prediction of Methane-Water/Brine Interfacial Tension	Dehghan monfared Abolfazl	dehghan@pgu.ac.ir
27	ogpc2022-02380254	Analysis and review of algorithm, application and challenges of machine learning in oil and gas industries	Ansari Kharaji Mohammad Amin	mohammad.a.ansari@ut.ac.ir
28	ogpc2022-02350253	Experimental investigation of a plate heat exchanger performance using functionalized MWCNT/water nanofluid	Abbasi Isa	isa.abbasi.1717@gmail.com
29	ogpc2022-01600252	Numerical Analysis of Different Aspects of Viscous Fingering Phenomenon Using Stabilized Finite Element Method	Ranjbar ali	ali.ranjbar@pgu.ac.ir

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30	ogpc2022-00780251	بررسی دامنه و مشخصه برج خنک کننده با استفاده از نانوسیالات گرافن به کمک دینامیک سیالات محاسباتی	pouraman hir mehdi	pouramanmehdi@gmail.com
31	ogpc2022-01550250	اندازه گیری کارایی انرژی در جهت بهبود مسئولیت اجتماعی محیط زیست (با تأکید بر شاخص های اقتصاد دانش بنیان)	کرمی محمد باقر	mohammadbagher.karami@gmail.com
32	ogpc2022-02330243	Numerical simulation of convective heat transfer in porous cavity with variable porosity and moving wall	hajjar barghi reza	first_rh@yahoo.com
33	ogpc2022-02320240	Simulation of the effect of heat exchange of gas with wall on the performance of cyclones	Zahmatkesh Iman	zahmatkesh5310@mshdiau.ac.ir
34	ogpc2022-02230239	Redesign of shell and tube heat exchanger using simulation with Aspen EDR software	Ghaedi Hamid	hamid.gh674@gmail.com
35	ogpc2022-02270229	بررسی پارامترهای عملیاتی در تصفیه پساب دارویی با استفاده از فرآیندهای اکسایش پیشرفته	Alamdari Amin	aminalamdari82@gmail.com
36	ogpc2022-02270228	مروری بر حذف ماده دارویی فلوکستین از محیط های آبی با استفاده از فرآیند جذب سطحی	Alamdari Amin	aminalamdari82@gmail.com
37	ogpc2022-02200227	Investigation of the effect of hydrophobic nanoparticles on polymeric membrane wettability	Raeiszadeh Naghmeh	naghme.raeisszadeh@gmail.com
38	ogpc2022-00360222	Numerical Study of Water and Polymer Flooding in an Oil-Wet Heterogeneous Porous Medium	Sadeghinia Alireza	alireza_sadeghinia72@yahoo.com
39	ogpc2022-02400264	Preparation of Hollow Fiber Membrane Contactor and Modifying by SiO ₂ Nanoparticle for gas dehumidification	Khosravi Ali	alikhosravi.pgu@yahoo.com

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40	ogpc2022-02220214	Numerical Simulation of the Effect of Design Parameters on the Performance of Venturi Scrubber	Miroliaei Ali Reza	armiroliaei@uma.ac.ir
41	ogpc2022-02130210	Identification and Prioritization of Barriers to Establishment of Green Supply Chain Management in South Pars Zone by Fuzzy AHP Method	Jafari Mohammad	jafari.mohammad.1357@gmail.com
42	ogpc2022-00830209	Synthesis and Study of Pebax 1657 / GO and Silica NPs/PEI Thin Film Nano-Composite Membranes for Gas Dehydration	Hashemifard Seyed Abdollatif	salhashemifard@pgu.ac.ir
43	ogpc2022-02180207	Optimization of secondary reformer by CFD	Hamoudi Saeedeh	saeedeh.hamoudi@gmail.com
44	ogpc2022-02180206	CFD analysis of burner design in autothermal reformers	Hamoudi Saeedeh	saeedeh.hamoudi@gmail.com
45	ogpc2022-02150205	تأثیر حجم قابل دسترس در جذب اضافی متان و اتان در کروژن	Babaei Saeed	s.babaei@email.kntu.ac.ir
46	ogpc2022-01850204	H ₂ S Resistant High-Performance Elastomers for Use in Sour Wells	Aminizadeh Pooria	pooriaaminizadeh@yahoo.com
47	ogpc2022-01010199	Applying RF/NB/KNN classification techniques on Thermal and Mechanical Properties of different PMMA/nano-silica	Barforoushan Alireza	alirezabarforoushan1991@yahoo.com
48	ogpc2022-00770196	Oxidative desulfurization performance over modified hierarchical Y zeolite	moosavifar maryam	moosavifar@maragheh.ac.ir
49	ogpc2022-01600195	عملکرد شبکه عصبی چندلایه پرسپترون در تخمین حداقل فشار امتزاجی گاز دی اکسید کربن در مقایسه با روش های مرسوم	Ranjbar ali	ali.ranjbar@pgu.ac.ir
50	ogpc2022-00900194	Statistical investigation of the operating parameters of the olefin from methanol production process	Ahmadinia Reza	reza.ahmadinia22@yahoo.com

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		and determining the optimal conditions of the process		
51	ogpc2022-02120193	Overview of recent development in reducing CO2 emission in process of methanol production	Babaie Marziye	babaie.marzieh@gmail.com
52	ogpc2022-02080192	Liquid Repellency in Gas Condensate Reservoirs Using Different Chemical Treatment Agents	Kazemi Fatemeh	faatemeh.kaazemi@gmail.com
53	ogpc2022-01520189	تغییرات سینتیک انحلال کلسیت در اثر اختلاط استیک اسید با هیدروکلریک اسید	Karimiam Milad	m.karimian@razi.ac.ir
54	ogpc2022-02060188	Inspection of oil and gas transmission lines	Farshbaf baghaei Mahdi	mahdilionsls007@gmail.com
55	ogpc2022-01600186	Review and Comparison of Empirical Methods and Rock Physics Models in Estimating Shear Wave Velocity	Ranjbar ali	ali.ranjbar@pgu.ac.ir
56	ogpc2022-01600185	Lagrange, Penalty and Elimination Methods in Applying Finite Element Boundary Conditions	Ranjbar ali	ali.ranjbar@pgu.ac.ir
57	ogpc2022-00700184	Grafting of polystyrene and poly(sodium styrene sulfonate) on the surface of poly(vinylidene fluoride) via Atom Transfer Radical Polymerization: Synthesis and Characterization	Ghahramani Maral	maral.ghahramani@modares.ac.ir
58	ogpc2022-01860181	Experimental study on effect of stability of graphene nanofluids on convective and overall heat transfer coefficients	زلفعلی زاده مهرداد	malizade4090@gmail.com
59	ogpc2022-01810176	Optimization of MATLAB Software Method in a General Thermodynamic System	Ojagh Seyyed Amir Hossein	a.ojagh@stu.razi.ac.ir

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60	ogpc2022-02020175	چاه با عملیات IPR بررسی تغییرات اسیدکاری و لایه شکافی: آنالیز حساسیت pipesim توسط نرم افزار	miraee shamim	shamim.miraee1377@gmail.com
61	ogpc2022-01810174	Investigation and simulation of airlift bioreactor in chemical and pharmaceutical industries	Ojagh Seyyed Amir Hossein	a.ojagh@stu.razi.ac.ir
62	ogpc2022-02030173	Oxidative desulfurization performance over modified hierarchical Y zeolite	Moosavifar Maryam	m.moosavifar90@gmail.com
63	ogpc2022-01700166	آثار بی رویه مصرف انرژی فسیلی و تاثیر آن بر محیط زیست و بهینه سازی مصرف انرژی در صنایع پتروشیمی	Marzban Mahdi	m.marzban@chmail.ir
64	ogpc2022-01960164	بررسی اثر الکل در فرآیند ساخت پایه کاتالیستی گاما آلومینا جهت افزایش مساحت سطح	fatemi mohammadhossein	mohammadhftm96@gmail.com
65	ogpc2022-01010163	Intelligent Classification of Pure and Nano-Composite PMMA Based on Thermal Properties	Barforoushan Alireza	alirezabarforoushan1991@yahoo.com
66	ogpc2022-01540159	A novel biosorbent for adsorption desulfurization of dibenzothiophene in model oil	Mazareinejad Hamidreza	hamidreza.mazareinejad@gmail.com
67	ogpc2022-02000158	Study of the Ammonia Removal from Industrial Wastewater Via Biomass	Karimi Asadollah	a.karimi@maragheh.ac.ir
68	ogpc2022-01990155	Simulation, design and optimization of SMR-ATR reforming loop for synthesis gas production of methanol plants by using AspenPlus software	Eslamloueyan Reza	eslamlo@shirazu.ac.ir
69	ogpc2022-01950152	Laboratory investigation of the effect of CO ₂ and gaseous hydrocarbons on the wettability of real samples	Kamali Amirhouman	ah_kamali97@sut.ac.ir

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70	ogpc2022-01520151	تاثیر هیبرید هیدروکلریک اسید و فرمیک اسید بر سینتیک انحلال سنگ کربناته در فرایند اسیدکاری ماتریسی	Karimiam Milad	m.karimian@razi.ac.ir
71	ogpc2022-01300149	Separation of ternary mixtures by multi-effect distillation	ShaghaghiAfzali Sogol	sogol_shaghaghi@yahoo.com
72	ogpc2022-01920148	بررسی فنی اقتصادی آلاینده های نفتی و گازی صنایع موجود در پارس جنوبی بر تاسیسات شرکت توزیع نیروی برق استان بوشهر	borusmnd hadis	hadishadis026@gmail.com
73	ogpc2022-01850143	H2S Resistant High-Performance Elastomers for Use in Sour Wells	Aminizadeh Pooria	pooriaaminizadeh@yahoo.com
74	ogpc2022-01840141	Economic evaluation of solar photovoltaic system in comparison with diesel generator system	Karimi Yaser	yaserkarimi780104@gmail.com
75	ogpc2022-01800140	Biodiesel Production Using Clay- based Material as an Eco-friendly Catalyst: Effect of Calcination Temperature	Bekhradinassab Ensie	bekhradinasabensie@yahoo.com
76	ogpc2022-01800139	Acid Treatment of a Clay-type Nanocatalyst and Its Effect on Esterification Reaction for Biofuel Production	Bekhradinassab Ensie	bekhradinasabensie@yahoo.com
77	ogpc2022-01750138	Study of different arrangement of magnetic field on forced convection heat transfer of water-copper magnetic nanofluid inside the heated tube	Ameri Hamidreza	hamidrezaameri39@gmail.com
78	ogpc2022-01770136	Porosity modeling of Kushk reservoir in an oilfield located in Abadan Plain using electrofacies	Mehdipour Vali	mehdipour.vali@danaenergy.com
79	ogpc2022-01660134	Feasibility Study of a Thermal Desalination Plant (MED) in the	Sedaghat Alireza	alireza29sedaghat79@gmail.com

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		Styrene Production Process		
80	ogpc2022-01630131	Effect of temperature and pH on the precipitation and inhibition of calcium carbonate scale	Ahmadi Soroush	soroushahmadi.pnu@gmail.com
81	ogpc2022-01630130	Influence of inhibitor concentration and temperature on the corrosion inhibition of carbon steel in acidic medium	Ahmadi Soroush	soroushahmadi.pnu@gmail.com
82	ogpc2022-01700127	Indiscriminate effects of fossil energy consumption and its impact on the environment and optimization of energy consumption in petrochemical industries	Marzban Mahdi	m.marzban@chmail.ir
83	ogpc2022-01680125	Study of the application of nanotechnology in the process of receiving solar energy	Farrokhian Forouzan	foroz.farrokhian@gmail.com
84	ogpc2022-01150123	Improvement of cohesive interactions between calcium carbonate particles using a green scale inhibitor	Nikoo Amir Hossein	amirhosseinnikoo@yahoo.com
85	ogpc2022-01150122	Removal of asphaltene deposition from well columns: Impact of casing composition	Nikoo Amir Hossein	amirhosseinnikoo@yahoo.com
86	ogpc2022-01560117	Effective factors in the stability of foam and its effect on the enhanced oil recovery of reservoirs	Hasan-Zadeh Atefeh	hasanzadeh.a@ut.ac.ir
87	ogpc2022-01270116	Risk valuation of Jam Petrochemical Ethylene Oxide Unit by PHAST software	Akhlaghinasab fatemeh	shabnam.akhlaghi97@gmail.com
88	ogpc2022-01480112	Three-dimensional simulation of combustion gases flow inside a flare thermal chimney: Effects of layer distance	Ahmadlouydarab Majid	mahmadlouydarab@tabrizu.ac.ir
89	ogpc2022-00970111	تعیین ایزوترمهای جذب یون کروم شش	Khonsha Iman	iman.khonsha@gmail.com

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		ظرفیتی بر روی نانو جاذب مغناطیسی عامل دار		
90	ogpc2022-00550107	Investigation of the Viscose-Rayon based activated carbon synthesis parameters effect on Methylene blue Adsorption Time	Saghaei Mina	saghaei.mina@yahoo.com
91	ogpc2022-01410106	A down-up plan to develop downstream sector of petrochemical industry, with a case study on Iran's South Pars Zone	HAJYANI ZAHRA	zhajyani@tvu.ac.ir
92	ogpc2022-01420105	Carbon emission reduction plans for developing countries with natural gas resources, with a case study on Iran's South Pars Zone	Nazari Alireza	arnazari@aut.ac.ir
93	ogpc2022-01400104	g-C3N4 modified chitosan composite ultrafiltration (UF) membranes for improved performance and fouling resistance	Seyyed Shahabi Soulmaz	soulmaz.shahabi@yahoo.com
94	ogpc2022-01310099	Heat integration of extractive distillation for separation of maximum boiling azeotropic mixture	Behbood Amir Abbas	amirbehbood@gmail.com
95	ogpc2022-01380098	Oil/water separation driven by membrane affinity: Separation of toluene, hexane and diesel from water by hydrophobicity and hydrophilicity property	Homayoonfal Maryam	m.homayoonfal@eng.ui.ac.ir
96	ogpc2022-01340086	The role of MOOCs as a knowledge management tool in the leading organizations	Fathi Hafshejani Farshideh	ff8477497@gmail.com
97	ogpc2022-01120077	Simulation and Optimization of Electrostatic Desalter Performance using CFD-PBM	Tahouni Nassim	ntahuni@ut.ac.ir
98	ogpc2022-01240075	Heat integration of distillation columns with thermal-coupling	Mostofian Taraneh	taraneh.mostofian@gmail.com

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		method for separation of ternary mixture		
99	ogpc2022-01230073	Using flare gas in electricity generation and cryptocurrency mining	Najafian Seyedeh Masoumeh	m.najafian@ce.iut.ac.ir
100	ogpc2022-00810072	Dehydration bed simulation for Parsian Gas Refinery to predict CO ₂ and H ₂ S adsorption	Afshardoost Amir	amirafshardoost@yahoo.com
101	ogpc2022-01210070	Coalescence process: An optimal and economical solution for offshore produce water treatment	zare javad	javadezare1994@gmail.com
102	ogpc2022-01130068	Estimation of Water Saturation from Seismic Attributes in One of the South Iranian Oil Fields	Leisi Ahsan	ahsan.leisi.1995@gmail.com
103	ogpc2022-01200067	Renewable energy from the third generation of algae biomass	Poursoltan Mozghan	mn.poursoltan@gmail.com
104	ogpc2022-01170066	Tailor made of polypropylene through designing package of internal/external donor in Ziegler Natta catalyst	ghasemi hamedani nona	n.ghasemi2010@yahoo.com
105	ogpc2022-01140063	Predicting the Viscosity of Hydrocarbon Mixtures by means of the Peng Robinson Equation of State	Tahmasbi Yashar	yashar.tahmasbi@gmail.com
106	ogpc2022-01060062	Theoretical Analysis of Shear Instability Around the Inclined Boreholes	Ghorbannezhad Sahar	sahargh783@gmail.com
107	ogpc2022-01030060	Preparation of MgCl ₂ -Supported Ziegler-Natta Catalyst for Ethylene Polymerization	Azimfar Farideh	faridehazimfar@yahoo.com
108	ogpc2022-01020059	Investigating of carbon dioxide absorption process using ammonia activated tertiary alkanolamine	Rashidi Hamed	h_rashidi@kut.ac.ir
109	ogpc2022-01100058	Investigation and simulation of parameters affecting the performance of ESP well pumps	safari kowsar	k_safari@sut.ac.ir

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110	ogpc2022-00920055	The conceptual framework for the Investigation of Catalyst Performance on Desulfurization in a Minirefinery	zahabi kimia	zahabi@artinazma.net
111	ogpc2022-00880054	A review on the influence of POSS nanoparticles on rheological properties of polymeric composites	Moein Abolfazl	fazlmoeen@gmail.com
112	ogpc2022-01080053	A study on the influence of HTPB microstructural parameters on the combustion behavior of composite solid propellants	Chanaani Ali	110kanaani@gmail.com
113	ogpc2022-01040051	Simulation and Optimization of CO ₂ Removal in Ethane Refining Plant Based on Aspen HYSYS and Box-Behnken Design Method	Panjehshahin Ahmad	ahmad.panjehshahin@alum.sharif.edu
114	ogpc2022-00960050	Investigation of Effective Parameters on Gas Sweetening Process with MDEA-PZ Solvent using Plackett-Burman Approach	roshdi sepideh	s.roshdi@urmia.ac.ir
115	ogpc2022-00990049	CFD simulation of biogas production bioreactor	layghizadeh aboozar	aboozarlayghi@gmail.com
116	ogpc2022-00860047	Bioremediation of drilling wastes contaminated with petroleum using biodemulsifier bacteria and sugarcane bagasse in Khuzestan province.	HOSSIN HAJISHARAFI	hohajisharafi@gmail.com
117	ogpc2022-00960045	Microscopic modeling of mass transfer in LLE systems using VOF approach: The surface tension effects on mass transfer and hydrodynamic	roshdi sepideh	s.roshdi@urmia.ac.ir
118	ogpc2022-00940044	Replacing DSO with DMDS in ethane steam cracking and investigating its effect on coke deposition and CO production	Mohebi Somayeh	s.mohebbi@jpcomplex.com

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119	ogpc2022-00930040	Multivariate optimization of gas refinery oily wastewaters treatment utilizing activated carbon as high throughput adsorbent	Honarvar Bizhan	honarvar.bzn@gmail.com
120	ogpc2022-00820039	Characterization of multimodal polyethylene resin	bazgir hossein	hossein.bazgir95@gmail.com
121	ogpc2022-00710036	Waste Management System in Tabriz Oil Refinery	Faraji Sina	s_faraji400@sut.ac.ir
122	ogpc2022-02520303	A quantitative estimation of water produced by air conditioners in Bushehr city	Jamekhorshid Ahmad	jamekhorshid@pgu.ac.ir
123	ogpc2022-02520295	Preparation of acid-based deep eutectic solvent as phase change material	Jamekhorshid Ahmad	jamekhorshid@pgu.ac.ir
124	ogpc2022-01510238	CFD modeling of back pressure in a three-way catalytic converter	Dehghan Alireza	alireza.dehghan@mail.um.ac.ir
125	ogpc2022-01930329	Comparing the effect of carbon dioxide and cyclopentane on the salt ions removal efficiency and water conversion to hydrate in the hydrate-based desalination method	Bonyadi Mohammad	bonyadi@yu.ac.ir