

Samer I Al-Gharabli

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5051701/publications.pdf>

Version: 2024-02-01

52
papers

1,170
citations

430874

18
h-index

395702

33
g-index

53
all docs

53
docs citations

53
times ranked

1565
citing authors

#	ARTICLE	IF	CITATIONS
1	Hedgehog-like structure, PVDF- carbon nanohorn hybrid membranes for improved removal of VOCs from water. Chemical Engineering Journal, 2022, 438, 135574.	12.7	14
2	Tunable hydrophobicity and roughness on PVDF surface by grafting to mode “ Approach to enhance membrane performance in membrane distillation process. Separation and Purification Technology, 2022, 291, 120935.	7.9	11
3	Nitrogen plasma modification boosts up the hemocompatibility of new PVDF-carbon nanohorns composite materials with potential cardiological and circulatory system implants application. , 2022, 138, 212941.		5
4	Physicochemical and magnetic properties of functionalized lanthanide oxides with enhanced hydrophobicity. Applied Surface Science, 2021, 542, 148563.	6.1	9
5	Molecular Decoration of Ceramic Supports for Highly Effective Enzyme Immobilization”Material Approach. Materials, 2021, 14, 201.	2.9	14
6	How Can the Desert Beetle and Biowaste Inspire Hybrid Separation Materials for Water Desalination?. ACS Applied Materials & Interfaces, 2021, 13, 11268-11283.	8.0	9
7	Molecular activation of fluoropolymer membranes via base piranha treatment to enhance transport and mitigate fouling “ new materials for water purification. Journal of Membrane Science, 2021, 624, 119105.	8.2	12
8	Studying the Complex Formation of Sulfonatocalix[4]naphthalene and Meloxicam towards Enhancing Its Solubility and Dissolution Performance. Pharmaceutics, 2021, 13, 994.	4.5	6
9	Carbon nanohorn improved durable PVDF membranes - The future of membrane distillation and desalination. Desalination, 2021, 511, 115117.	8.2	11
10	Highly effective enzymes immobilization on ceramics: Requirements for supports and enzymes. Science of the Total Environment, 2021, 801, 149647.	8.0	39
11	Surfaces with Adjustable Features”Effective and Durable Materials for Water Desalination. International Journal of Molecular Sciences, 2021, 22, 11743.	4.1	1
12	Review of Nanofluids and Their Biomedical Applications. Journal of Nanofluids, 2021, 10, 463-477.	2.7	12
13	Zirconium dioxide membranes decorated by silanes based-modifiers for membrane distillation “ Material chemistry approach. Journal of Membrane Science, 2020, 596, 117597.	8.2	29
14	Pyrolysis Kinetic Parameters of Omari Oil Shale Using Thermogravimetric Analysis. Energies, 2020, 13, 4060.	3.1	5
15	Biomimetic hybrid membranes with covalently anchored chitosan “ Material design, transport and separation. Desalination, 2020, 491, 114550.	8.2	22
16	High Throughput Screening and Characterization Methods of Jordanian Oil Shale as a Case Study. Energies, 2019, 12, 3148.	3.1	6
17	Upgrading of zirconia membrane performance in removal of hazardous VOCs from water by surface functionalization. Chemical Engineering Journal, 2019, 374, 155-169.	12.7	42
18	Impact of Char Properties and Reaction Parameters on Naphthalene Conversion in a Macro-TGA Fixed Char Bed Reactor. Catalysts, 2019, 9, 307.	3.5	8

#	ARTICLE	IF	CITATIONS
19	PVDF/magnetite blend membranes for enhanced flux and salt rejection in membrane distillation. Desalination, 2018, 436, 69-80.	8.2	64
20	Covalent surface entanglement of polyvinylidene fluoride membranes with carbon nanotubes. European Polymer Journal, 2018, 100, 153-164.	5.4	10
21	Enhancing membrane performance in removal of hazardous VOCs from water by modified fluorinated PVDF porous material. Journal of Membrane Science, 2018, 556, 214-226.	8.2	26
22	Fabrication of blend polyvinylidene fluoride/chitosan membranes for enhanced flux and fouling resistance. Separation and Purification Technology, 2018, 190, 68-76.	7.9	61
23	Advanced Material-Ordered Nanotubular Ceramic Membranes Covalently Capped with Single-Wall Carbon Nanotubes. Materials, 2018, 11, 739.	2.9	5
24	Molecular Grafting of Fluorinated and Nonfluorinated Alkylsiloxanes on Various Ceramic Membrane Surfaces for the Removal of Volatile Organic Compounds Applying Vacuum Membrane Distillation. ACS Applied Materials & Interfaces, 2017, 9, 6571-6590.	8.0	67
25	Activation of PVDF membranes through facile hydroxylation of the polymeric dope. Journal of Materials Research, 2017, 32, 4219-4231.	2.6	11
26	Functional groups docking on PVDF membranes: Novel Piranha approach. European Polymer Journal, 2017, 96, 414-428.	5.4	26
27	Photocatalytic hollow fiber membranes for the degradation of pharmaceutical compounds in wastewater. Journal of Environmental Chemical Engineering, 2017, 5, 5014-5024.	6.7	88
28	A Brain Machine Interface for command based control of a wheelchair using conditioning of oscillatory brain activity. , 2017, 2017, 1002-1005.		1
29	Tunable separation via chemical functionalization of polyvinylidene fluoride membranes using piranha reagent. Journal of Membrane Science, 2017, 541, 567-579.	8.2	26
30	On the effect of fumed silica particles on the structure, properties and application of PVDF membranes. Separation and Purification Technology, 2017, 187, 365-373.	7.9	52
31	Inhibitory effect of <i>Taraxacum officinale</i> L (Compositae) aqueous root extract on spermatogenesis. Tropical Journal of Pharmaceutical Research, 2017, 16, 109.	0.3	0
32	LEGO Mindstorms NXT for elderly and visually impaired people in need: A platform. Technology and Health Care, 2016, 24, 579-585.	1.2	3
33	Engineering of a highly efficient Xe ²⁺ -excilamp (xenon excimer lamp, $\lambda_{\text{max}} = 172 \text{ \AA}$, $\hat{I} = 40\%$) and qualitative comparison to a low-pressure mercury lamp (LP-Hg, $\lambda = 185/254 \text{ \AA}$) for water purification. Chemosphere, 2016, 144, 811-815.	8.2	15
34	Anti-spermatogenic activities of <i>Taraxacum officinale</i> whole plant and leaves aqueous extracts. Veterinary Research Forum, 2016, 7, 89-97.	0.3	2
35	Artificial neural networks for dihedral angles prediction in enzyme loops: a novel approach. International Journal of Bioinformatics Research and Applications, 2015, 11, 153.	0.2	2
36	MICROWAVE-ASSISTED SOLVENT EXTRACTION OF SHALE OIL FROM JORDANIAN OIL SHALE. Oil Shale, 2015, 32, 240.	1.0	15

#	ARTICLE	IF	CITATIONS
37	Stabilization/solidification of heavy metals in kaolin/zeolite based geopolymers. International Journal of Mineral Processing, 2015, 137, 34-42.	2.6	119
38	Olive mills wastewater treatment using local natural Jordanian clay. Desalination and Water Treatment, 2015, 53, 627-636.	1.0	21
39	Flexible, polymer-supported synthesis of sphingosine derivatives provides ceramides with enhanced biological activity. Bioorganic and Medicinal Chemistry, 2014, 22, 5506-5512.	3.0	6
40	Soluble Peptidyl Phosphoranes for Metal-Free, Stereoselective Ligations in Organic and Aqueous Solution. Organic Letters, 2012, 14, 14-17.	4.6	13
41	Peptide aldehyde inhibitors challenge the substrate specificity of the SARS-coronavirus main protease. Antiviral Research, 2011, 92, 204-212.	4.1	112
42	Photochemical Transformation of Colchicine: A Kinetic Study. Journal of Solution Chemistry, 2010, 39, 441-456.	1.2	8
43	Determination of Glucose Concentration in Aqueous Solution Using ATR-WT-IR Technique. Sensors, 2009, 9, 6254-6260.	3.8	4
44	Complexation of N-methyl-4-(p-methyl benzoyl)-pyridinium methyl cation and its neutral analogue by cucurbit[7]uril and β -cyclodextrin: a computational study. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2009, 64, 357-365.	1.6	13
45	An Efficient Method for the Synthesis of Peptide Aldehyde Libraries Employed in the Discovery of Reversible SARS Coronavirus Main Protease (SARS-CoV M pro) Inhibitors. ChemBioChem, 2006, 7, 1048-1055.	2.6	50
46	An Efficient One-Pot Synthesis of Pyrazolopyrimidines, Intermediates for Potential Phosphodiesterase Inhibitors.. ChemInform, 2005, 36, no.	0.0	0
47	High Throughput Synthesis of Pyrazolopyrimidines via Copper-Catalyzed Cyclization and X-Ray Study.. ChemInform, 2005, 36, no.	0.0	0
48	An Efficient One-Pot Synthesis of Pyrazolopyrimidines, Intermediates for Potential Phosphodiesterase Inhibitors. Monatshefte für Chemie, 2005, 136, 619-624.	1.8	8
49	High Throughput Synthesis of Pyrazolopyrimidines via Copper-catalysed Cyclization and X-Ray Study. Heterocycles, 2005, 65, 1821.	0.7	5
50	SYNTHESIS AND CHELATION PROPERTIES OF SOME NEW MANNICH CONDENSATION POLYMERS CONTAINING A SALICYLALDOXIME GROUP. Journal of Macromolecular Science - Pure and Applied Chemistry, 2002, 39, 217-229.	2.2	11
51	Structural Studies of an Array of Mixed Diamine Phosphine Ruthenium(II) Complexes1. Organometallics, 2002, 21, 105-112.	2.3	31
52	Supported organometallic complexes Part 31: diaminediphosphineruthenium(II) precursor complexes for parallel synthesis in interphases. Inorganica Chimica Acta, 2002, 334, 113-121.	2.4	12