

Gheorghe Nechifor

List of Publications by Year in descending order

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92
papers

1,000
citations

430754

18
h-index

501076

28
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94
all docs

94
docs citations

94
times ranked

1201
citing authors

#	ARTICLE	IF	CITATIONS
1	Operational Limits of the Bulk Hybrid Liquid Membranes Based on Dispersion Systems. <i>Membranes</i> , 2022, 12, 190.	1.4	5
2	Nanomaterials for Membranes, Membrane Reactors, and Catalyst Systems. <i>Nanomaterials</i> , 2022, 12, 964.	1.9	0
3	Osmium Recovery as Membrane Nanomaterials through 10-Undecenoic Acid Reduction Method. <i>Membranes</i> , 2022, 12, 51.	1.4	6
4	Simultaneous Release of Silver Ions and 10-Undecenoic Acid from Silver Iron-Oxide Nanoparticles Impregnated Membranes. <i>Membranes</i> , 2022, 12, 557.	1.4	3
5	New Hybrid Nanofiltration Membranes with Enhanced Flux and Separation Performances Based on Polyphenylene Ether-Ether-Sulfone/Polyacrylonitrile/SBA-15. <i>Membranes</i> , 2022, 12, 689.	1.4	5
6	Comparative analysis of the processes of collagen concentration by ultrafiltration using different types of membranes. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50055.	1.3	5
7	Removing of the Sulfur Compounds by Impregnated Polypropylene Fibers with Silver Nanoparticles-Cellulose Derivatives for Air Odor Correction. <i>Membranes</i> , 2021, 11, 256.	1.4	27
8	Accessible Silver-Iron Oxide Nanoparticles as a Nanomaterial for Supported Liquid Membranes. <i>Nanomaterials</i> , 2021, 11, 1204.	1.9	23
9	Recuperative Amino Acids Separation through Cellulose Derivative Membranes with Microporous Polypropylene Fiber Matrix. <i>Membranes</i> , 2021, 11, 429.	1.4	13
10	Improving the Performance of Composite Hollow Fiber Membranes with Magnetic Field Generated Convection Application on pH Correction. <i>Membranes</i> , 2021, 11, 445.	1.4	16
11	Reactional Processes on Osmium-Polymeric Membranes for 5-Nitrobenzimidazole Reduction. <i>Membranes</i> , 2021, 11, 633.	1.4	6
12	Osmium Nanoparticles-Polypropylene Hollow Fiber Membranes Applied in Redox Processes. <i>Nanomaterials</i> , 2021, 11, 2526.	1.9	10
13	Coal Fly Ash Derived Silica Nanomaterial for MMMs Application in CO ₂ /CH ₄ Separation. <i>Membranes</i> , 2021, 11, 78.	1.4	27
14	Transport and Separation of the Silver Ion with 1-decanol Liquid Membranes Based on 10-undecylenic Acid, 10-undecen-1-ol and Magnetic Nanoparticles. <i>Membranes</i> , 2021, 11, 936.	1.4	8
15	Intracellular Uptake Study of Polymeric Nanoparticles Loaded with Cardiovascular Drugs Using Confocal Laser Scanning Microscopy. <i>Chemistry Proceedings</i> , 2021, 3, 140.	0.1	2
16	Added value recyclability of glass fiber waste as photo-oxidation catalyst for toxic cytostatic micropollutants. <i>Scientific Reports</i> , 2020, 10, 136.	1.6	12
17	Polyphenolic Extract from <i>Sambucus ebulus</i> L. Leaves Free and Loaded into Lipid Vesicles. <i>Nanomaterials</i> , 2020, 10, 56.	1.9	17
18	Neutralization with Simultaneous Separation of Metallic Ions from Condensed Water Through Capillary Polypropylene and Cellulose Derivatives. <i>Proceedings (mdpi)</i> , 2020, 57, .	0.2	1

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19	In Vitro Cytotoxicity of Polymeric Nanoparticles Coated with Lipid Layer Loaded with Cardiovascular Drugs. <i>Proceedings (mdpi)</i> , 2020, 57, .	0.2	1
20	Separation of the collagen protein by ultrafiltration: Effects of concentration on the membrane's characteristics. <i>Polymer Engineering and Science</i> , 2020, 60, 2487-2495.	1.5	8
21	Control of Nanostructured Polysulfone Membrane Preparation by Phase Inversion Method. <i>Nanomaterials</i> , 2020, 10, 2349.	1.9	31
22	Eighteen Months Follow-Up with Patient-Centered Outcomes Assessment of Complete Dentures Manufactured Using a Hybrid Nanocomposite and Additive CAD/CAM Protocol. <i>Journal of Clinical Medicine</i> , 2020, 9, 324.	1.0	40
23	Removal and Effects of Surfactants in Activated Sludge System. <i>Revista De Chimie (discontinued)</i> , 2020, 71, 100-106.	0.2	2
24	Utilization of Waste of Enzymes Biomass as Biosorbent for the Removal of Dyes from Aqueous Solution in Batch and Fluidized Bed Column. <i>Revista De Chimie (discontinued)</i> , 2020, 71, 1-12.	0.2	1
25	Non-Resorbable Nanocomposite Membranes for Guided Bone Regeneration Based On Polysulfone-Quartz Fiber Grafted with Nano-TiO ₂ . <i>Nanomaterials</i> , 2019, 9, 985.	1.9	21
26	High Selective Mixed Membranes Based on Mesoporous MCM-41 and MCM-41-NH ₂ Particles in a Polysulfone Matrix. <i>Frontiers in Chemistry</i> , 2019, 7, 332.	1.8	40
27	Antioxidant Properties and Cytoprotective Effect Against H ₂ O ₂ -Induced Cytotoxicity in Mouse Fibroblasts Cells (L-929) of Horseradish Leaves. <i>Proceedings (mdpi)</i> , 2019, 29, 30.	0.2	1
28	Hybrid Magnetic Nanostructures For Cancer Diagnosis And Therapy. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019, 19, 6-16.	0.9	6
29	Iono-molecular Separation with Composite Membranes. VIII. Recuperative aluminium ions separation on capillary Polypropylene S-EPDM composite membranes. <i>Materiale Plastice</i> , 2019, 56, 32-36.	0.4	6
30	Ultrafiltration Mixed Matrix Membranes Based on Mesoporous Silica (MCM-41, HMS) Embedded in Polysulfone. <i>Revista De Chimie (discontinued)</i> , 2019, 70, 3089-3093.	0.2	3
31	Comparative Bio-sorption of Cadmium and Nickel Ions from Aqueous Solution onto Fibers of Date Palm using Fluidized Bed Column. <i>Revista De Chimie (discontinued)</i> , 2019, 70, 1507-1512.	0.2	0
32	Design and Evaluation of a Delivery System Based on Liposomes for <i>Armoracia rusticana</i> Extract. <i>Revista De Chimie (discontinued)</i> , 2019, 70, 2347-2349.	0.2	6
33	Schiff base-functionalized mesoporous silicas (MCM-41, HMS) as Pb(II) adsorbents. <i>RSC Advances</i> , 2018, 8, 176-189.	1.7	35
34	Production and characterization of cellulose acetate titanium dioxide nanotubes membrane fraxiparinized through polydopamine for clinical applications. <i>Carbohydrate Polymers</i> , 2018, 181, 215-223.	5.1	47
35	Corrosion protection of new composite polymer coating for carbon steel in sulfuric acid medium by electrochemical methods. <i>Journal of Adhesion Science and Technology</i> , 2018, 32, 2364-2380.	1.4	13
36	Evaluation of Electrical Characteristics for PMMA-TiO ₂ Nanocomposites Used in Dentistry. <i>Revista De Chimie (discontinued)</i> , 2018, 69, 155-159.	0.2	5

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37	Iono-molecular Separation with Composite Membranes V. Nitro-phenol separation on n-alkyl alcohols supported liquid membranes. <i>Revista De Chimie (discontinued)</i> , 2018, 69, 1084-1088.	0.2	3
38	Iono-molecular Separation with Composite Membranes VI. Nitro-phenol separation through sulfonated polyether ether ketone on capillary polypropylene membranes. <i>Revista De Chimie (discontinued)</i> , 2018, 69, 1603-1607.	0.2	11
39	Use of Artificial Neural Network for Modeling and Prediction of Reactive Red Dye Removal from Wastewater Using Banana Peels Bio-sorbent. <i>Revista De Chimie (discontinued)</i> , 2018, 69, 1919-1926.	0.2	6
40	Release of Polyphenols from Liposomes Loaded with <i>Echinacea purpurea</i> . <i>Revista De Chimie (discontinued)</i> , 2018, 69, 2315-2317.	0.2	3
41	Formulation of Polymeric Multicomponent Systems Containing Cardiovascular APIs. <i>Materiale Plastice</i> , 2018, 55, 121-123.	0.4	3
42	The Influence of Synthesis Conditions on Hydroxyapatite Adsorption Characteristics in the Process of Zn(II) and Pb(II) Removal from Single and Binary Solutions. <i>Revista De Chimie (discontinued)</i> , 2018, 69, 759-766.	0.2	0
43	Kinetic Studies of Zn(II) Removal from Single and Binary Solutions by Synthetic Hydroxyapatite - Based Nanopowders. <i>Revista De Chimie (discontinued)</i> , 2018, 69, 1293-1297.	0.2	0
44	Evaluation of AML-VAL Nanoparticles as Combined Therapy in Cardiovascular Disease. <i>Materiale Plastice</i> , 2018, 55, 299-302.	0.4	2
45	Determination of Ethanol in Fermented Broth by Headspace Gas Chromatography using Capillary Column. <i>Revista De Chimie (discontinued)</i> , 2018, 69, 2969-2972.	0.2	2
46	Bulk Liquid Membranes for Separation and Recovery of Pharmaceutical Products. <i>Revista De Chimie (discontinued)</i> , 2018, 69, 3257-3260.	0.2	3
47	Poly(methyl methacrylate) with TiO ₂ nanoparticles inclusion for stereolithographic complete denture manufacturing – the future in dental care for elderly edentulous patients?. <i>Journal of Dentistry</i> , 2017, 59, 68-77.	1.7	129
48	Aqueous Phase Biosorption of Pb(II), Cu(II), and Cd(II) onto Cabbage Leaves Powder. <i>International Journal of Chemical Reactor Engineering</i> , 2017, 15, .	0.6	19
49	Case studies on the physical-chemical parameters' variation during three different purification approaches destined to treat wastewaters from food industry. <i>Journal of Environmental Management</i> , 2017, 203, 811-816.	3.8	24
50	Development of Stabilized Magnetite Nanoparticles for Medical Applications. <i>Journal of Nanomaterials</i> , 2017, 2017, 1-9.	1.5	18
51	Polymeric Membrane for Verteporfirin Purification. <i>Materiale Plastice</i> , 2017, 54, 14-17.	0.4	2
52	Iono-molecular Separation with Composite Membranes III. Nitrophenols separation on polysulphone and composite nanoparticles ultrafiltration. <i>Revista De Chimie (discontinued)</i> , 2017, 68, 427-434.	0.2	1
53	Adsorption of Chromium (VI) from Water Solution onto Polymeric Membrane Systems. <i>Revista De Chimie (discontinued)</i> , 2017, 68, 869-872.	0.2	3
54	Kinetics of Cyclophosphamide and Ifosfamide Degradation from Aqueous System via TiO ₂ Assisted Photocatalysis. <i>Revista De Chimie (discontinued)</i> , 2017, 68, 1690-1694.	0.2	1

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55	Applicability of Ferromagnetic Nanoparticles in the Retention of Heavy Metals from Aqueous Solutions. <i>Revista De Chimie (discontinued)</i> , 2017, 68, 1320-1324.	0.2	0
56	Polimeric membranes prepared with surfactants used for ultrafiltration of aqueous solutions of food dye. <i>Studia Universitatis Babes-Bolyai Chemia</i> , 2017, 62, 47-58.	0.1	0
57	Kinetics and mechanism of chlorinated aniline degradation by TiO ₂ photocatalysis. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2015, 298, 17-23.	2.0	24
58	SELECTIVE RECOVERY OF PHENOLIC DERIVATIVES THROUGH THE TECHNIQUE OF LIQUID MEMBRANES. <i>Environmental Engineering and Management Journal</i> , 2015, 14, 625-630.	0.2	2
59	Polysulfone-polyaniline-type membranes obtained in a steady-state system: Structural and hydrodynamic characteristics. <i>Polymer Engineering and Science</i> , 2014, 54, 1640-1647.	1.5	6
60	Effect of a modified photo-Fenton procedure on the oxidative degradation of antibiotics in aqueous solutions. <i>Separation and Purification Technology</i> , 2014, 122, 290-296.	3.9	17
61	Leaching potential of metallic elements from contaminated soils under anoxia. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 211-219.	1.7	19
62	REMOVING TOXIC COMPOUNDS FROM WASTEWATER. <i>Environmental Engineering and Management Journal</i> , 2014, 13, 2153-2158.	0.2	2
63	Facilitated transport of 5-aminosalicylic acid through bulk liquid membrane. <i>Journal of the Iranian Chemical Society</i> , 2013, 10, 1129-1136.	1.2	8
64	Modeling of the cadmium transport through a bulk liquid membrane. <i>Separation and Purification Technology</i> , 2013, 107, 135-143.	3.9	24
65	Photocatalytic membrane system: Obtaining procedure and environmental application. , 2012, , .		0
66	Transport and separation through bulk liquid membrane of some biologic active compounds. <i>Analele Universitatii Ovidius Constanta - Seria Chimie</i> , 2012, 23, 53-57.	0.1	0
67	Separation of nitrophenols. Equilibriums in bi- and tri-phasic systems. <i>Arabian Journal of Chemistry</i> , 2011, 4, 99-103.	2.3	16
68	Covalent enzyme immobilization onto carbon nanotubes using a membrane reactor. <i>Proceedings of SPIE</i> , 2011, , .	0.8	1
69	Photo-catalytic oxidation of 4-chlorophenol using TiO ₂ -functionalized membranes. , 2011, , .		0
70	DEGRADATION OF TRICLOSAN FROM AQUEOUS SYSTEMS USING A PHOTOCATALYTIC MEMBRANE REACTOR. , 2011, , .		0
71	CRITICAL ASPECTS IN GAS CHROMATOGRAPHY: LOW LEVEL DETECTION OF GAS IMPURITIES. , 2011, , .		0
72	Covalently immobilized crown ethers onto polysulfone membranes as materials for sensors. , 2010, , .		0

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73	Ionic conductive silica-polypyrrole composites obtained by in-situ polymerization. , 2010, , .		1
74	DETERMINATION OF AEROSOLS POLLUTANTS ON MEMBRANES. 1. MEMBRANES PREPARATION AND CHARACTERIZATION. Environmental Engineering and Management Journal, 2010, 9, 1097-1103.	0.2	0
75	Nanostructured hybrid membrane polysulfone-carbon nanotubes for hemodialysis. Desalination, 2009, 241, 342-348.	4.0	101
76	Polysulfone-polypyrrole ionic conductive composite membranes synthesized by phase inversion with chemical reaction. , 2009, , .		2
77	CHARACTERISTICS OF DOUBLE JET IMOBILIZED MEMBRANE. Environmental Engineering and Management Journal, 2009, 8, 771-776.	0.2	3
78	MEMBRANE SUPPORT OF POLYETHERETHERKETONE. Environmental Engineering and Management Journal, 2009, 8, 777-784.	0.2	0
79	Antioxidant activity of Geranium robertianum concentrated extracts by ultrafiltration process. Planta Medica, 2009, 75, .	0.7	0
80	Stator Winding Leakage Inductances Determination using Finite Elements Method. , 2008, , .		14
81	Polysulfone- doped polyaniline composite membranes. synthesis and electrochemical characteristics. , 2008, , .		5
82	Calixarene-Doped Polyaniline for Applications in Sensing. , 2006, , .		6
83	Respiratory effect on the pulse spectrum. Journal of Medical Engineering and Technology, 2003, 27, 77-84.	0.8	18
84	Anisotropic etching of silicon in a complexant redox alkaline system. Sensors and Actuators B: Chemical, 1999, 58, 438-449.	4.0	37
85	Silicon hillocks elimination using a complexant redox alkaline system. , 1999, , .		1
86	The influence of surfactants on the wetting of hydrophobic microporous surfaces. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1994, 90, 1-8.	2.3	3
87	Dynamic Membranes for Catalytic Reaction. Key Engineering Materials, 1992, 61-62, 443-448.	0.4	0
88	Asymptotic distribution of the latent roots of the noncentral wishart distribution and the power of the likelihood ratio test for nonadditivity. Canadian Journal of Statistics, 1980, 8, 119-134.	0.6	7
89	The multichannel microprobe for recording/stimulation of neural/muscular activity, CMOS technology compatible. , 0, , .		0
90	The mechanism of anisotropic etching of silicon in a complexant alkaline system. , 0, , .		1

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91	The Functionalization of Remaining Solvent in Polymeric Membrane Pores for Biomedical Applications. Key Engineering Materials, 0, 583, 87-90.	0.4	0
92	MCM41/Fe3O4/EDTA Materials from Removal Different Cation from Waste Water. , 0, , .		0