Sayed A M Marzouk

List of Publications by Year
in descending order

39	1,456	331538 21	315616 38
papers	citations	h-index	g-index

39	39	39	1575
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Vitamin D Is Necessary for Murine Gastric Epithelial Homeostasis. Biology, 2021, 10, 705.	1.3	1
2	Development and Characterization of Novel Flow Injection, Thin-Layer, and Batch Cells for Electroanalytical Applications Using Screen-Printed Electrodes. Analytical Chemistry, 2021, 93, 16690-16699.	3.2	4
3	Experimental and modeling of CO2 removal from gas mixtures using membrane contactors packed with glass beads. Separation and Purification Technology, 2019, 217, 240-246.	3.9	10
4	High pressure removal of acid gases using hollow fiber membrane contactors: Further characterization and long-term operational stability. Journal of Natural Gas Science and Engineering, 2017, 37, 192-198.	2.1	26
5	Portable analyzer for continuous monitoring of sulfur dioxide in gas stream based on amperometric detection and stabilized gravity-driven flow. Sensors and Actuators B: Chemical, 2016, 225, 24-33.	4.0	8
6	Portable dual-channel gas analyzer for continuous monitoring of carbon dioxide in gas streams. Microchemical Journal, 2013, 110, 185-191.	2.3	3
7	Simultaneous removal of CO2 and H2S from pressurized CO2â€“H2Sâ€“CH4 gas mixture using hollow fiber membrane contactors. Separation and Purification Technology, 2012, 86, 88-97.	3.9	68
8	Analyzer for continuous monitoring of H2S in gas streams based on a novel thermometric detection. Sensors and Actuators B: Chemical, 2012, 162, 377-383.	4.0	9
9	An Integrated Professional and Transferable Skills Course for Undergraduate Chemistry Students. Journal of Chemical Education, 2011, 88, 44-48.	1.1	49
10	Flow injection determination of sialic acid based on amperometric detection. Sensors and Actuators B: Chemical, 2011, 157, 647-653.	4.0	19
11	Removal of carbon dioxide from pressurized CO2â€“CH4 gas mixture using hollow fiber membrane contactors. Journal of Membrane Science, 2010, 351, 21-27.	4.1	80
12	Evaluation of the removal of CO2 using membrane contactors: Membrane wettability. Journal of Membrane Science, 2010, 350, 410-416.	4.1	60
13	Removal of percentile level of H2S from pressurized H2Sâ€“CH4 gas mixture using hollow fiber membrane contactors and absorption solvents. Journal of Membrane Science, 2010, 360, 436-441.	4.1	34
14	Simple analyzer for continuous monitoring of sulfur dioxide in gas streams. Microchemical Journal, 2010, 95, 207-212.	2.3	11
15	Gas analyzer for continuous monitoring of carbon dioxide in gas streams. Sensors and Actuators B: Chemical, 2010, 145, 398-404.	4.0	11
16	CO₂ Removal from CO₂â^'CH₄ Gas Mixture Using Different Solvents and Hollow Fiber Membranes. Industrial & Engineering Chemistry Research, 2009, 48, 3600-3605.	1.8	39
17	Modeling of CO2 absorption in membrane contactors. Separation and Purification Technology, 2008, 59, 286-293.	3.9	144
18	Prototype Amperometric Biosensor for Sialic Acid Determination. Analytical Chemistry, 2007, 79, 1668-1674.	3.2	39

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19	Facilitated Transport of CO2through Immobilized Liquid Membrane. Industrial & Engineering Chemistry Research, 2005, 44, 9273-9278.	1.8	31
20	A novel 1,10-phenanthroline-sensitive membrane sensor for potentiometric determination of Hg(II) and Cu(II) cations. Analytical and Bioanalytical Chemistry, 2003, 375, 1186-1192.	1.9	20
21	Improved Electrodeposited Iridium Oxide pH Sensor Fabricated on Etched Titanium Substrates. Analytical Chemistry, 2003, 75, 1258-1266.	3.2	122
22	Selective potentiometric determination of nitrite ion using a novel (4-sulphophenylazo-)1-naphthylamine membrane sensor. Talanta, 2003, 59, 1237-1244.	2.9	46
23	Serum Fluoride Levels in a Group of Egyptian Infants and Children from Cairo City. Archives of Environmental Health, 2003, 58, 306-315.	0.4	8
24	SOLID STATE IRIDIUM OXIDEâ€“TITANIUM BASED SENSOR FOR FLOW INJECTION pH MEASUREMENTS. Analytical Letters, 2002, 35, 1301-1311.	1.0	9
25	Methylene blue potentiometric sensor for selective determination of sulfide ions. Analytica Chimica Acta, 2002, 466, 47-55.	2.6	52
26	Measurement of extracellular pH, K+, and lactate in ischemic heart. Analytical Biochemistry, 2002, 308, 52-60.	1.1	46
27	A Simple FIA-System for Simultaneous Measurements of Glucose and Lactate with Amperometric Detection. Electroanalysis, 2000, 12, 1304-1311.	1.5	20
28	Amperometric flow injection determination of putrescine and putrescine oxidase. Analytica Chimica Acta, 1998, 363, 57-65.	2.6	26
29	Electrodeposited Iridium Oxide pH Electrode for Measurement of Extracellular Myocardial Acidosis during Acute Ischemia. Analytical Chemistry, 1998, 70, 5054-5061.	3.2	191
30	pH_i and pH_o at different depths in perfused myocardium measured by confocal fluorescence microscopy. American Journal of Physiology - Heart and Circulatory Physiology, 1998, 275, H1937-H1947.	1.5	9
31	A Conducting Salt-Based Amperometric Biosensor for Measurement of Extracellular Lactate Accumulation in Ischemic Myocardium. Analytical Chemistry, 1997, 69, 2646-2652.	3.2	49
32	Amperometric monitoring of lactate accumulation in rabbit ischemic myocardium. Talanta, 1997, 44, 1527-1541.	2.9	32
33	Development of a diamine biosensor. Talanta, 1997, 44, 1625-1632.	2.9	39
34	Calcium Selective Polymeric Membranes for Microfabricated Sensor Arrays. Analytical Letters, 1996, 29, 725-743.	1.0	5
35	Potentiometric Determination of Arylsulfatase Activity Using a Novel Nitrocatechol Sulfate PVC Membrane Sensor. Analytical Chemistry, 1995, 67, 1887-1891.	3.2	8
36	A novel ferroin membrane sensor for potentiometric determination of iron. Talanta, 1994, 41, 891-899.	2.9	71

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37	Sequential flow-injection potentiometric determination of iodide and iodine in povidone iodine pharmaceuticals. Electroanalysis, 1993, 5, 855-861.	1.5	16
38	Poly(vinyl chloride) matrix membrane electrodes for manual and flow injection determination of metal azides. Analyst, The, 1992, 117, 1683.	1.7	25
39	Potentiometric gas sensor for the selective determination of azides. Analytical Chemistry, 1991, 63, 1547-1552.	3.2	16