

# Gaston Merlet Venturelli

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

13  
papers

186  
citations

7  
h-index

13  
g-index

15  
ext. papers

250  
ext. citations

5.9  
avg, IF

3.18  
L-index

#	Paper	IF	Citations
13	Ionic Liquids for the Selective Solvent Extraction of Lithium from Aqueous Solutions: A Theoretical Selection Using COSMO-RS. <i>Minerals (Basel, Switzerland)</i> , <b>2022</b> , 12, 190	2.4	0
12	Separation of vanillin by perstraction using hydrophobic ionic liquids as extractant phase: Analysis of mass transfer and screening of ILs via COSMO-RS. <i>Separation and Purification Technology</i> , <b>2021</b> , 274, 119008	8.3	4
11	Development of silicone-coated hydrophobic deep eutectic solvent-based membranes for pervaporation of biobutanol. <i>Journal of Membrane Science</i> , <b>2021</b> , 637, 119617	9.6	6
10	Design of natural deep eutectic solvents for the ultrasound-assisted extraction of hydroxytyrosol from olive leaves supported by COSMO-RS. <i>Separation and Purification Technology</i> , <b>2020</b> , 248, 117054	8.3	29
9	Dehydrated cranberry juice powder obtained by osmotic distillation combined with freeze-drying: Process intensification and energy reduction. <i>Chemical Engineering Research and Design</i> , <b>2020</b> , 160, 233-239	5.5	2
8	Possibilities and challenges for ionic liquids in hydrometallurgy. <i>Separation and Purification Technology</i> , <b>2020</b> , 251, 117289	8.3	28
7	Extraction of Vanillin from Aqueous Matrices by Membrane-Based Supercritical Fluid Extraction: Effect of Operational Conditions on Its Performance. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2020</b> , 59, 14064-14074	3.9	5
6	Selective liquid-liquid extraction of molybdenum (VI) and rhenium (VII) from a synthetic pregnant leach solution: Comparison between extractants and diluents. <i>Minerals Engineering</i> , <b>2020</b> , 145, 106060	4.9	11
5	Performance of butanol separation from ABE mixtures by pervaporation using silicone-coated ionic liquid gel membranes.. <i>RSC Advances</i> , <b>2019</b> , 9, 8546-8556	3.7	13
4	Liquid-liquid extraction of hydroxytyrosol, tyrosol, and oleuropein using ionic liquids. <i>Separation Science and Technology</i> , <b>2019</b> , 54, 2895-2906	2.5	2
3	Separation of fermentation products from ABE mixtures by perstraction using hydrophobic ionic liquids as extractants. <i>Journal of Membrane Science</i> , <b>2017</b> , 537, 337-343	9.6	31
2	Effect of fluid dynamic conditions on the recovery of ABE fermentation products by membrane-based dense gas extraction. <i>Chemical Engineering and Processing: Process Intensification</i> , <b>2015</b> , 95, 80-89	3.7	8
1	Separation of butanol from ABE mixtures by sweep gas pervaporation using a supported gelled ionic liquid membrane: Analysis of transport phenomena and selectivity. <i>Journal of Membrane Science</i> , <b>2013</b> , 444, 201-212	9.6	47