

# Lia Beraldo da Silveira Balestrin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5196676/publications.pdf>

Version: 2024-02-01

12  
papers

402  
citations

1163117

8  
h-index

1372567

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

604  
citing authors

#	ARTICLE	IF	CITATIONS
1	Friction, tribochemistry and triboelectricity: recent progress and perspectives. RSC Advances, 2014, 4, 64280-64298.	3.6	119
2	Friction coefficient dependence on electrostatic tribocharging. Scientific Reports, 2013, 3, 2384.	3.3	86
3	Water with Excess Electric Charge. Journal of Physical Chemistry C, 2011, 115, 11226-11232.	3.1	62
4	Role of Asphaltenes and Additives on the Viscosity and Microscopic Structure of Heavy Crude Oils. Energy & Fuels, 2016, 30, 3644-3651.	5.1	40
5	Triboelectricity in insulating polymers: evidence for a mechanochemical mechanism. Faraday Discussions, 2014, 170, 369-383.	3.2	37
6	Using Atomic Force Microscopy To Detect Asphaltene Colloidal Particles in Crude Oils. Energy & Fuels, 2017, 31, 3738-3746.	5.1	20
7	Corona charging and potential decay on oxidized polyethylene surfaces. Polymer Degradation and Stability, 2014, 104, 11-17.	5.8	16
8	Direct Assessment of Inhibitor and Solvent Effects on the Deposition Mechanism of Asphaltenes in a Brazilian Crude Oil. Energy & Fuels, 2019, 33, 4748-4757.	5.1	12
9	Preparation and Characterization of Stabilizer-Free Phytantriol-Based Water-in-Oil Internally Liquid Crystalline Emulsions. Journal of Pharmaceutical Sciences, 2020, 109, 2024-2032.	3.3	5
10	Recent Developments on the Elucidation of Colloidal Aspects of Asphaltenes and Their Relevance to Oilfield Problems. Journal of the Brazilian Chemical Society, 0, , .	0.6	3
11	Molecular Thermodynamics for Aggregation of Surfactants with Alkylbenzene or Branched Alkane Tails: An Experimental-Modeling Approach. Fluid Phase Equilibria, 2021, 532, 112918.	2.5	2
12	Polyethylene Nanotubes Formed by Mechanochemical Fragments and Displaying Positive Charge. , 2017, , 93-102.		0