

# Bertrand Siboulet

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5695687/publications.pdf>

Version: 2024-02-01

11  
papers

248  
citations

1307594

7  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

334  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ion-specific adsorption and electroosmosis in charged amorphous porous silica. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 24683-24695.	2.8	60
2	How Ion Condensation Occurs at a Charged Surface: A Molecular Dynamics Investigation of the Stern Layer for Water@Silica Interfaces. <i>Journal of Physical Chemistry C</i> , 2016, 120, 963-973.	3.1	47
3	Selective layer-free blood serum ionogram based on ion-specific interactions with a nanotransistor. <i>Nature Materials</i> , 2018, 17, 464-470.	27.5	35
4	Preferential Adsorption in Mixed Electrolytes Confined by Charged Amorphous Silica. <i>Journal of Physical Chemistry C</i> , 2019, 123, 16711-16720.	3.1	31
5	Scrutinizing Electro-Osmosis and Surface Conductivity with Molecular Dynamics. <i>Journal of Physical Chemistry C</i> , 2017, 121, 6756-6769.	3.1	28
6	Water self-diffusion at the surface of silica glasses: effect of hydrophilic to hydrophobic transition. <i>Molecular Physics</i> , 2013, 111, 3410-3417.	1.7	21
7	Modelling of mutual diffusion for associated electrolytes solution: ZnSO <sub>4</sub> and MgSO <sub>4</sub> aqueous solutions. <i>Molecular Physics</i> , 2014, 112, 1405-1417.	1.7	8
8	X-ray Standing Waves and Molecular Dynamics Studies of Ion Surface Interactions in Water at a Charged Silica Interface. <i>Journal of Physical Chemistry C</i> , 2019, 123, 30294-30304.	3.1	7
9	How Ion Pair Formation Drives Adsorption in the Electrical Double Layer: Molecular Dynamics of Charged Silica@Water Interfaces in the Presence of Divalent Alkaline Earth Ions. <i>Journal of Physical Chemistry C</i> , 2021, 125, 20551-20569.	3.1	5
10	Deformation of a Liquid Near an AFM Tip: Molecular Dynamics Approach. <i>Langmuir</i> , 2020, 36, 8993-9004.	3.5	4
11	Experimentally probing ionic solutions in single-digit nanoconfinement. <i>Journal of Colloid and Interface Science</i> , 2022, 614, 396-404.	9.4	2