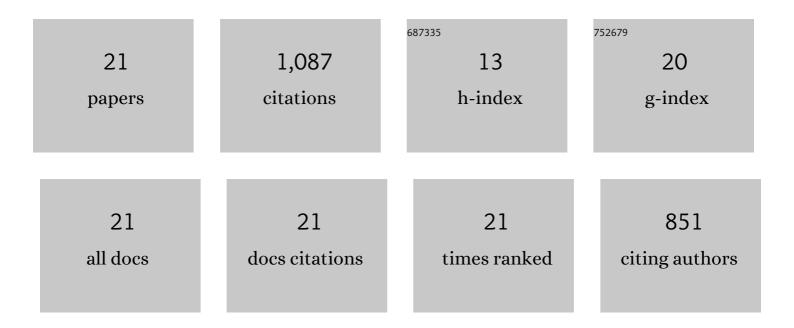
## Vincent Pauchard

List of Publications by Year in descending order

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VINCENT PALICHARD

| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Glassy dynamics and equilibrium state on the honeycomb lattice: Role of surface diffusion and desorption on surface crowding. Physical Review E, 2021, 103, 022801.  | 2.1 | 6         |
| 2  | Adsorption kinetics and thermodynamic properties of a binary mixture of hard-core particles on a square lattice. Journal of Chemical Physics, 2021, 154, 074705.   | 3.0 | 6         |
| 3  | Structure–Dynamic Function Relations of Asphaltenes. Energy & Fuels, 2021, 35, 13610-13632.  | 5.1 | 14        |
| 4  | Modeling the Multicomponent Compositional Effects of Asphaltenes on Interfacial Phenomena.<br>Energy & Fuels, 2020, 34, 13673-13685.   | 5.1 | 5         |
| 5  | Overview of Asphaltene Nanostructures and Thermodynamic Applications. Energy & Fuels, 2020, 34, 15082-15105.   | 5.1 | 101       |
| 6  | Study of Asphaltene Deposition onto Stainless-Steel Surfaces Using Quartz Crystal Microbalance with Dissipation. Energy & Fuels, 2020, 34, 9283-9295.  | 5.1 | 7         |
| 7  | Liquid-hexatic-solid phase transition of a hard-core lattice gas with third neighbor exclusion. Journal of Chemical Physics, 2019, 151, 104702.  | 3.0 | 19        |
| 8  | Mixture Effect on the Dilatation Rheology of Asphaltenes-Laden Interfaces. Langmuir, 2017, 33, 1927-1942.  | 3.5 | 56        |
| 9  | Extracting the equation of state of lattice gases from random sequential adsorption simulations by means of the Gibbs adsorption isotherm. Physical Review E, 2017, 96, 052803.  | 2.1 | 35        |
| 10 | A simple numerical solution of diffusional equations for dilatational rheology of complex<br>surfactant mixtures in any geometry. Colloids and Surfaces A: Physicochemical and Engineering<br>Aspects, 2017, 532, 140-143. | 4.7 | 2         |
| 11 | Interfacial Properties of Asphaltenes at Toluene–Water Interfaces. Langmuir, 2015, 31, 4878-4886.  | 3.5 | 57        |
| 12 | Applicability of the Langmuir Equation of State for Asphaltene Adsorption at the Oil–Water Interface:<br>Coal-Derived, Petroleum, and Synthetic Asphaltenes. Energy & Fuels, 2015, 29, 3584-3590.                          | 5.1 | 55        |
| 13 | Dense Packed Layer Modeling in Oil-Water Dispersions: Model Description, Experimental Verification, and Code Demonstration. Journal of Dispersion Science and Technology, 2015, 36, 1527-1537.                             | 2.4 | 9         |
| 14 | Soft-Glassy Rheology of Asphaltenes at Liquid Interfaces. Journal of Dispersion Science and Technology, 2015, 36, 1444-1451.   | 2.4 | 42        |
| 15 | Blockage of coalescence of water droplets in asphaltenes solutions: A jamming perspective. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 443, 410-417.   | 4.7 | 28        |
| 16 | Asphaltene-Laden Interfaces Form Soft Glassy Layers in Contraction Experiments: A Mechanism for<br>Coalescence Blocking. Langmuir, 2014, 30, 12795-12803.  | 3.5 | 71        |
| 17 | Long-Term Adsorption Kinetics of Asphaltenes at the Oil–Water Interface: A Random Sequential<br>Adsorption Perspective. Langmuir, 2014, 30, 8381-8390.   | 3.5 | 80        |
| 18 | Interfacial Rheology of Asphaltenes at Oil–Water Interfaces and Interpretation of the Equation of<br>State. Langmuir, 2013, 29, 4750-4759.   | 3.5 | 212       |

| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Asphaltene Nanoscience and Reservoir Fluid Gradients, Tar Mat Formation, and the Oil-Water<br>Interface. , 2013, , .                           |     | 19        |
| 20 | Adsorption Kinetics of Asphaltenes at the Oil–Water Interface and Nanoaggregation in the Bulk.<br>Langmuir, 2012, 28, 9986-9995.               | 3.5 | 199       |
| 21 | Role of Naphthenic Acids in Emulsion Tightness for a Low-Total-Acid-Number (TAN)/High-Asphaltenes<br>Oil. Energy & Fuels, 2009, 23, 1269-1279. | 5.1 | 64        |