

# Pierre L Levesque

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/465279/publications.pdf>

Version: 2024-02-01

21  
papers

2,646  
citations

516215

16  
h-index

713013

21  
g-index

22  
all docs

22  
docs citations

22  
times ranked

5563  
citing authors

#	ARTICLE	IF	CITATIONS
1	Photooxidation and quantum confinement effects in exfoliated black phosphorus. <i>Nature Materials</i> , 2015, 14, 826-832.	13.3	1,149
2	The Role of the Oxygen/Water Redox Couple in Suppressing Electron Conduction in Field-Effect Transistors. <i>Advanced Materials</i> , 2009, 21, 3087-3091.	11.1	285
3	Probing Charge Transfer at Surfaces Using Graphene Transistors. <i>Nano Letters</i> , 2011, 11, 132-137.	4.5	284
4	Synthesis of Antimonene on Germanium. <i>Nano Letters</i> , 2017, 17, 4970-4975.	4.5	200
5	Direct oriented growth of armchair graphene nanoribbons on germanium. <i>Nature Communications</i> , 2015, 6, 8006.	5.8	157
6	Graphene field effect transistors with parylene gate dielectric. <i>Applied Physics Letters</i> , 2009, 95, .	1.5	102
7	Double aberration correction in a low-energy electron microscope. <i>Ultramicroscopy</i> , 2010, 110, 1358-1361.	0.8	78
8	No Graphene Etching in Purified Hydrogen. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 1100-1103.	2.1	76
9	Graphene CVD: Interplay Between Growth and Etching on Morphology and Stacking by Hydrogen and Oxidizing Impurities. <i>Journal of Physical Chemistry C</i> , 2014, 118, 21532-21540.	1.5	60
10	Dynamics and Mechanisms of Exfoliated Black Phosphorus Sublimation. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 1667-1674.	2.1	36
11	Absolute electronic excitation cross sections for low-energy electron (5-12eV) scattering from condensed thymine. <i>Journal of Chemical Physics</i> , 2005, 122, 224704.	1.2	35
12	Quantum Hall Effect in Hydrogenated Graphene. <i>Physical Review Letters</i> , 2013, 110, 176801.	2.9	28
13	Alignment of semiconducting graphene nanoribbons on vicinal Ge(001). <i>Nanoscale</i> , 2019, 11, 4864-4875.	2.8	26
14	Direct observation of epitaxial organic film growth: temperature-dependent growth mechanisms and metastability. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 29150-29160.	1.3	21
15	High-field response of gated graphene at terahertz frequencies. <i>Physical Review B</i> , 2015, 92, .	1.1	20
16	Intense terahertz field effects on photoexcited carrier dynamics in gated graphene. <i>Applied Physics Letters</i> , 2015, 107, .	1.5	18
17	Low-damage nitrogen incorporation in graphene films by nitrogen plasma treatment: Effect of airborne contaminants. <i>Carbon</i> , 2019, 144, 532-539.	5.4	18
18	Growth and Luminescence of Polytypic InP on Epitaxial Graphene. <i>Advanced Functional Materials</i> , 2018, 28, 1705592.	7.8	17

#	ARTICLE	IF	CITATIONS
19	Tailoring the Growth Rate and Surface Facet for Synthesis of High-Quality Continuous Graphene Films from CH <sub>4</sub> at 750 Å°C via Chemical Vapor Deposition. Journal of Physical Chemistry C, 2015, 119, 11516-11523.	1.5	14
20	Double sublimation system to deposit molecules from solid organic compounds onto a cryogenic substrate: Thymine on solid argon. Review of Scientific Instruments, 2005, 76, 103901.	0.6	11
21	Correlation Between Substrate Morphology and the Initial Stages of Epitaxial Organic Growth: PTCDA/Ag(111). Journal of Physical Chemistry C, 2016, 120, 19271-19279.	1.5	11