

# Alec Deslandes

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11831753/publications.pdf>

Version: 2024-02-01

9  
papers

56  
citations

1684188  
5  
h-index

1872680  
6  
g-index

9  
all docs

9  
docs citations

9  
times ranked

112  
citing authors

| # | ARTICLE   | IF  | CITATIONS |
|---|---|-----|-----------|
| 1 | NEXAFS spectroscopy of CVD diamond films exposed to fusion relevant hydrogen plasma. <i>Diamond and Related Materials</i> , 2013, 34, 45-49.                              | 3.9 | 19        |
| 2 | ToF-SIMS characterisation of methane and hydrogen plasma modified graphite using principal component analysis. <i>Surface and Interface Analysis</i> , 2009, 41, 216-224. | 1.8 | 9         |
| 3 | Diamond structure recovery during ion irradiation at elevated temperatures. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2015, 365, 331-335.          | 1.4 | 9         |
| 4 | Deuterium retention and near-surface modification of ion-irradiated diamond exposed to fusion-relevant plasma. <i>Nuclear Fusion</i> , 2014, 54, 073003.                  | 3.5 | 6         |
| 5 | D and D/He plasma interactions with diamond: Surface modification and D retention. <i>Diamond and Related Materials</i> , 2014, 49, 103-110.                              | 3.9 | 6         |
| 6 | Ion irradiated graphite exposed to fusion-relevant deuterium plasma. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2014, 340, 21-26.                   | 1.4 | 4         |
| 7 | Plasma Fluorination of Highly Ordered Pyrolytic Graphite and Single Walled Carbon Nanotube Surfaces. , 2006, , .  |     | 3         |
| 8 | Preparation of Carbon Surfaces for Sensing Applications via Plasma Hydrogenation. , 2006, , .   |     | 0         |
| 9 | Characterisation of methane plasma treated carbon surfaces. , 2008, , .   |     | 0         |