

# Lei Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9208319/publications.pdf>

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#	ARTICLE	IF	CITATIONS
1	Sputtering and reflection from a beryllium surface: effects of hydrogen isotope mass, impact position and surface binding energy. Nuclear Fusion, 2022, 62, 066024.	3.5	2
2	Modelling the sputtering and reflection from a beryllium surface: atomistic analysis. Nuclear Fusion, 2021, 61, 086013.	3.5	5
3	Sputtering of the beryllium tungsten alloy Be <sub>2</sub> W by deuterium atoms: molecular dynamics simulations using machine learned forces. Nuclear Fusion, 2021, 61, 016031.	3.5	10
4	Iterative training set refinement enables reactive molecular dynamics via machine learned forces. RSC Advances, 2020, 10, 4293-4299.	3.6	11
5	Performance of DFT functionals for properties of small molecules containing beryllium, tungsten and hydrogen. Nuclear Materials and Energy, 2020, 22, 100731.	1.3	8
6	Clusters of betaine with positive and negative ions: Evidence for the betaine tetramer being magic. Journal of Chemical Physics, 2019, 151, 184303.	3.0	1
7	Highly Stable [C <sub>60</sub> AuC <sub>60</sub> ] <sup>+</sup> Dumbbells. Journal of Physical Chemistry Letters, 2018, 9, 2703-2706.	4.6	10
8	Beryllium, tungsten and their alloys Be <sub>2</sub> W and Be <sub>12</sub> W: Surface defect energetics from density functional theory calculations. Nuclear Materials and Energy, 2018, 16, 149-157.	1.3	6