

Steven P Koenig

List of Publications by Year in descending order

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11
papers

4,243
citations

840776

11
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

7632
citing authors

#	ARTICLE	IF	CITATIONS
1	Electric field effect in ultrathin black phosphorus. Applied Physics Letters, 2014, 104, .	3.3	1,137
2	Selective molecular sieving through porous graphene. Nature Nanotechnology, 2012, 7, 728-732.	31.5	998
3	Ultrastrong adhesion of graphene membranes. Nature Nanotechnology, 2011, 6, 543-546.	31.5	904
4	Transport properties of pristine few-layer black phosphorus by van der Waals passivation in an inert atmosphere. Nature Communications, 2015, 6, 6647.	12.8	460
5	Colossal Ultraviolet Photoresponsivity of Few-Layer Black Phosphorus. ACS Nano, 2015, 9, 8070-8077.	14.6	204
6	Electron Doping of Ultrathin Black Phosphorus with Cu Adatoms. Nano Letters, 2016, 16, 2145-2151.	9.1	196
7	Molecular valves for controlling gas phase transport made from discrete Ångström-sized pores in graphene. Nature Nanotechnology, 2015, 10, 785-790.	31.5	122
8	Mechanics of Adhered, Pressurized Graphene Blisters. Journal of Applied Mechanics, Transactions ASME, 2013, 80, .	2.2	87
9	Ultrathin Oxide Films by Atomic Layer Deposition on Graphene. Nano Letters, 2012, 12, 3706-3710.	9.1	74
10	Nanometer Thick Elastic Graphene Engine. Nano Letters, 2014, 14, 2677-2680.	9.1	34
11	Analysis of Time-Varying, Stochastic Gas Transport through Graphene Membranes. ACS Nano, 2016, 10, 786-795.	14.6	27