

Elisabeth Bianco

List of Publications by Year in descending order

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14
papers

2,107
citations

759190

12
h-index

1058452

14
g-index

14
all docs

14
docs citations

14
times ranked

3461
citing authors

#	ARTICLE	IF	CITATIONS
1	Emerging Applications of Elemental 2D Materials. <i>Advanced Materials</i> , 2020, 32, e1904302.	21.0	336
2	Large-area ultrathin Te films with substrate-tunable orientation. <i>Nanoscale</i> , 2020, 12, 12613-12622.	5.6	22
3	2D Materials: Emerging Applications of Elemental 2D Materials (Adv. Mater. 7/2020). <i>Advanced Materials</i> , 2020, 32, 2070052.	21.0	14
4	Polytypism in ultrathin tellurium. <i>2D Materials</i> , 2019, 6, 015013.	4.4	68
5	Optimal Bandgap in a 2D Ruddlesden-Popper Perovskite Chalcogenide for Single-Junction Solar Cells. <i>Chemistry of Materials</i> , 2018, 30, 4882-4886.	6.7	49
6	High Strain Tolerant EMI Shielding Using Carbon Nanotube Network Stabilized Rubber Composite. <i>Advanced Materials Technologies</i> , 2017, 2, 1700078.	5.8	153
7	Square selenene and tellurene: novel group VI elemental 2D materials with nontrivial topological properties. <i>2D Materials</i> , 2017, 4, 041003.	4.4	139
8	Strain-Induced Electronic Structure Changes in Stacked van der Waals Heterostructures. <i>Nano Letters</i> , 2016, 16, 3314-3320.	9.1	122
9	Solid-Vapor Reaction Growth of Transition-Metal Dichalcogenide Monolayers. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10656-10661.	13.8	27
10	Solid-Vapor Reaction Growth of Transition-Metal Dichalcogenide Monolayers. <i>Angewandte Chemie</i> , 2016, 128, 10814-10819.	2.0	17
11	Communicating Science Concepts to Individuals with Visual Impairments Using Short Learning Modules. <i>Journal of Chemical Education</i> , 2016, 93, 2052-2057.	2.3	5
12	The structure and amorphization of germanane. <i>Journal of Materials Chemistry C</i> , 2014, 2, 3185.	5.5	44
13	Improving the stability and optical properties of germanane via one-step covalent methyl-termination. <i>Nature Communications</i> , 2014, 5, 3389.	12.8	201
14	Stability and Exfoliation of Germanane: A Germanium Graphane Analogue. <i>ACS Nano</i> , 2013, 7, 4414-4421.	14.6	910