

# S Matt Gilbert

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12194745/publications.pdf>

Version: 2024-02-01

11  
papers

378  
citations

1307594

7  
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1281871

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g-index

11  
all docs

11  
docs citations

11  
times ranked

888  
citing authors

#	ARTICLE	IF	CITATIONS
1	Graded bandgap perovskite solar cells. <i>Nature Materials</i> , 2017, 16, 522-525.	27.5	135
2	Alternative stacking sequences in hexagonal boron nitride. <i>2D Materials</i> , 2019, 6, 021006.	4.4	78
3	Fabrication of Subnanometer-Precision Nanopores in Hexagonal Boron Nitride. <i>Scientific Reports</i> , 2017, 7, 15096.	3.3	54
4	Formation and Dynamics of Electron-Irradiation-Induced Defects in Hexagonal Boron Nitride at Elevated Temperatures. <i>Nano Letters</i> , 2016, 16, 7142-7147.	9.1	49
5	Blue-light-emitting color centers in high-quality hexagonal boron nitride. <i>Physical Review B</i> , 2019, 100, .	3.2	36
6	Nanopatterning Hexagonal Boron Nitride with Helium Ion Milling: Towards Atomically-Thin, Nanostructured Insulators. <i>MRS Advances</i> , 2018, 3, 327-331.	0.9	7
7	Electron beam-induced nanopores in Bernal-stacked hexagonal boron nitride. <i>Applied Physics Letters</i> , 2020, 117, .	3.3	7
8	Kirigami Engineering of Suspended Graphene Transducers. <i>Nano Letters</i> , 2022, 22, 5301-5306.	9.1	5
9	One-Step Conversion of Graphite to Crinkled Boron Nitride Nanofoams for Hydrophobic Liquid Absorption. <i>ACS Applied Nano Materials</i> , 2021, 4, 3500-3507.	5.0	3
10	Wafer-scale on-chip synthesis and field emission properties of vertically aligned boron nitride based nanofiber arrays. <i>Applied Physics Letters</i> , 2019, 114, 093101.	3.3	2
11	Strain-controlled Graphene-Polymer Angular Actuator. <i>MRS Advances</i> , 2019, 4, 2161-2167.	0.9	2