

# S Matt Gilbert

## List of Publications by Year in descending order

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

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11  
papers

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1307594

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1281871

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11  
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docs citations

11  
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888  
citing authors

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