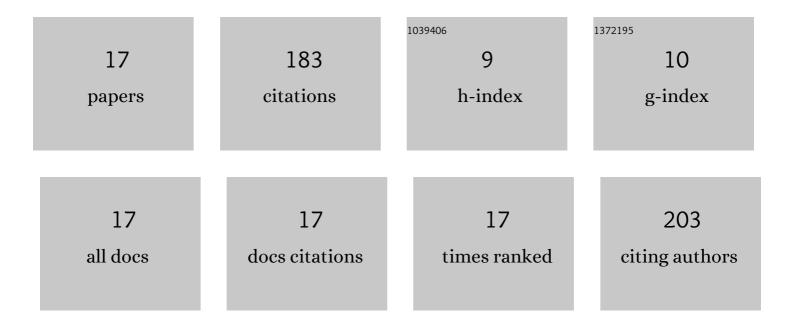
Timothy A Grotjohn

List of Publications by Year in descending order

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Version: 2024-02-01



#	Article	IF	CITATIONS
1	The effect of substrate temperature and growth rate on the doping efficiency of single crystal boron doped diamond. Diamond and Related Materials, 2014, 49, 19-24.	1.8	35
2	Microwave-Plasma-Coupled Re-Ignition of Methane-and-Oxygen Mixture Under Auto-Ignition Temperature. IEEE Transactions on Plasma Science, 2011, 39, 3307-3313.	0.6	29
3	Microwave plasma-assisted etching of diamond. Diamond and Related Materials, 2008, 17, 717-721.	1.8	26
4	Comparison of a-C:H films deposited from methane–argon and acetylene–argon mixtures by electron cyclotron resonance–chemical vapor deposition discharges. Diamond and Related Materials, 2000, 9, 37-47.	1.8	20
5	Synthesis of boron-doped homoepitaxial single crystal diamond by microwave plasma chemical vapor deposition. Diamond and Related Materials, 2008, 17, 1320-1323.	1.8	18
6	Deposition of thick boron-doped homoepitaxial single crystal diamond by microwave plasma chemical vapor deposition. Diamond and Related Materials, 2009, 18, 704-706.	1.8	17
7	Fabrication of AlGaAs/GaAs/diamond heterojunctions for diamond-collector HBTs. AIP Advances, 2020, 10, .	0.6	11
8	Methods for modeling microwave plasma system stability. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2002, 20, 536-543.	0.9	9
9	Fabrication and characterization of a corner architecture Schottky barrier diode structure. Physica Status Solidi (A) Applications and Materials Science, 2015, 212, 2410-2417.	0.8	9
10	Hydrogenated amorphous carbon films deposited in an electron cyclotron resonance–chemical vapor deposition discharge reactor using acetylene. Diamond and Related Materials, 2000, 9, 654-657.	1.8	5
11	Toward Diamond-Collector Heterojunction Bipolar Transistors via grafted GaAs-Diamond n-p junction. , 2019, , .		2
12	Towards High-Power Multipliers Using Diamond Schottky Barrier Diodes. , 2021, , .		2
13	Special Issue on Plenary and Invited Papers From ICOPS 2006. IEEE Transactions on Plasma Science, 2007, 35, 125-126.	0.6	0
14	Computer Integrated Plasma Nano Manufacturing Workcell. , 2008, , .		0
15	Development of plasma integrated AFM nano manufacturing workcell. , 2009, , .		0
16	Self-consistent convective fluid model for moderate pressure microwave plasma-assisted chemical vapor deposition reactors. , 2013, , .		0
17	Progress on Preferential Etching and Phosphorus Doping of Single Crystal Diamond. Materials Research Society Symposia Proceedings, 2014, 1634, 1.	0.1	0