

Dmitrii D Prikhodko

List of Publications by Year in descending order

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14
papers

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1684188

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docs citations

14
times ranked

138
citing authors

#	ARTICLE	IF	CITATIONS
1	Intracenter dipole transitions of a hydrogen-like boron acceptor in diamond: Oscillator strengths and line broadening. <i>Diamond and Related Materials</i> , 2021, 120, 108629.	3.9	2
2	Mid-IR-Sensitive n/p-Junction Fabricated on p-Type Si Surface via Ultrashort Pulse Laser n-Type Hyperdoping and High-Temperature Annealing. <i>ACS Applied Electronic Materials</i> , 2021, 3, 769-777.	4.3	1
3	Resonant boron acceptor states in semiconducting diamond. <i>Physical Review B</i> , 2021, 104, .	3.2	1
4	Electronic band structure of phosphorus-doped single crystal diamond: Dynamic Jahn-Teller distortion of the tetrahedral donor ground state. <i>Physical Review B</i> , 2020, 102, .	3.2	5
5	Large substitutional impurity isotope shift in infrared spectra of boron-doped diamond. <i>Physical Review B</i> , 2020, 102, .	3.2	4
6	High-Pressure High-Temperature Single-Crystal Diamond Type IIa Characterization for Particle Detectors. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2020, 217, 1900888.	1.8	5
7	Spatially controlled fabrication of single NV centers in IIa HPHT diamond. <i>Optical Materials Express</i> , 2020, 10, 198.	3.0	20
8	Nonvertical Sidewall Angle Influence on the Efficiency of Diamond-Insulator Grating Couplers. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2019, 216, 1900271.	1.8	2
9	Dynamics of infrared excitations in boron doped diamond. <i>Diamond and Related Materials</i> , 2019, 92, 259-265.	3.9	4
10	Low Temperature Thermal Conductivity of Heavily Boron-Doped Synthetic Diamond: Influence of Boron-Related Structure Defects. <i>Journal of Superhard Materials</i> , 2019, 41, 24-31.	1.2	6
11	Evidence of linear Zeeman effect for infrared intracenter transitions in boron doped diamond in high magnetic fields. <i>Diamond and Related Materials</i> , 2017, 75, 52-57.	3.9	4
12	Comparative study of different metals for Schottky barrier diamond betavoltaic power converter by EBIC technique. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2016, 213, 2492-2497.	1.8	18
13	Heat capacity of bulk boron-doped single-crystal HPHT diamonds in the temperature range from 2 to 400 K. <i>Journal of Superhard Materials</i> , 2016, 38, 412-416.	1.2	5
14	Thermal conductivity of synthetic boron-doped single-crystal HPHT diamond from 20 to 400 K. <i>MRS Communications</i> , 2016, 6, 71-76.	1.8	14