Sergey V Sintsov

List of Publications by Year
in descending order

10 papers	49 citations	1937685 4 h-index	1720034 7 g-index
10 all docs	10 docs citations	10 times ranked	42 citing authors

#	Article	IF	Citations
1	Conversion of carbon dioxide in microwave plasma torch sustained by gyrotron radiation at frequency of 24â€ GHz at atmospheric pressure. Journal of CO2 Utilization, 2020, 40, 101197.	6.8	17
2	Measurement of electron temperature in a non-equilibrium discharge of atmospheric pressure supported by focused microwave radiation from a 24 GHz gyrotron. AIP Advances, 2019, 9, 105009.	1.3	14
3	Optical emission spectroscopy of non-equilibrium microwave plasma torch sustained by focused radiation of gyrotron at 24 GHz. Journal Physics D: Applied Physics, 2020, 53, 305203.	2.8	6
4	Non-equilibrium Atmospheric-Pressure Plasma Torch Sustained in a Quasi-optical Beam of Subterahertz Radiation. Journal of Infrared, Millimeter, and Terahertz Waves, 2020, 41, 711-727.	2.2	5
5	Microwave Interferometry of Chemically Active Plasma of RF Discharge in Mixtures Based on Fluorides of Silicon and Germanium. Plasma Chemistry and Plasma Processing, 2017, 37, 1655-1661.	2.4	3
6	Positive column dynamics of a low-current atmospheric pressure discharge in flowing argon. Plasma Sources Science and Technology, 2022, 31, 015009.	3.1	3
7	Stand for Experimentally Studying Local Parameters of Chemically Active Induction Discharge Plasma. Instruments and Experimental Techniques, 2022, 65, 419-425.	0.5	1
8	Tungsten Carbide Nanopowder Synthesis under the Influence of Microwave Electromagnetic Radiation on a Wâ€“C System Nanocomposite Produced in a Thermal Plasma. Inorganic Materials: Applied Research, 2021, 12, 735-739.	0.5	0
9	TUNGSTEN CARBIDE NANOPOWDER SYNTHESIS UNDER THE EXPOSURE OF 24 GHZ GYROTRON RADIATION ON THE NANOCOMPOSITE OF THE W-C SYSTEM OBTAINED IN A THERMAL PLASMA. , 0, , .		0
10	Continuous atmospheric pressure discharges in terahertz and sub-terahertz focused beams. , 2020, , .		0