

Vladimir N Devyatkov

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8714013/publications.pdf>

Version: 2024-02-01

8
papers

191
citations

1937685

4
h-index

1872680

6
g-index

8
all docs

8
docs citations

8
times ranked

86
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Intensified Emission During the Generation of a Submillisecond Low-Energy Electron Beam in a Plasma-Cathode Diode. IEEE Transactions on Plasma Science, 2009, 37, 1890-1896.	1.3	64
2	Equipment and processes of vacuum electron-ion plasma surface engineering. Vacuum, 2017, 143, 464-472.	3.5	58
3	Generation and propagation of high-current low-energy electron beams. Laser and Particle Beams, 2003, 21, 243-248.	1.0	56
4	PLASMA-CATHODE ELECTRON SOURCE BASED ON A LOW-PRESSURE ARC DISCHARGE IN THE MODE OF THE EMISSION CURRENT ENHANCEMENT. High Temperature Material Processes, 2015, 19, 19-27.	0.6	6
5	Electron beam generation in an arc plasma source with an auxiliary anode plasma. Vacuum, 2021, 191, 110338.	3.5	4
6	MODIFICATION OF THE STRUCTURE AND PHASE COMPOSITION OF STRUCTURAL STEEL BY A MICROSECOND e-BEAM. High Temperature Material Processes, 2013, 17, 221-226.	0.6	2
7	Structure and Properties of the Steel Surface Layer Containing Nitrides and Silicides of High-Melting Metals Formed by Electron-Ion-Plasma Method. , 2020, , .		1
8	Investigation of the hollow-cathode, hollow-anode microsecond high-current glow discharge. , 0, , .		0