

Susumu Toko

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

60
citations

1684188

5
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

45
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatiotemporal optical emission spectroscopy to estimate electron density and temperature of plasmas in solution. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 235202.	2.8	11
2	Effects of cluster incorporation into hydrogenated amorphous silicon films in initial discharge phase on film stability. <i>Thin Solid Films</i> , 2015, 587, 126-131.	1.8	10
3	Effect of gas flow rate and discharge volume on CO ₂ methanation with plasma catalysis. <i>Japanese Journal of Applied Physics</i> , 2022, 61, SI1002.	1.5	7
4	Hysteresis in volume fraction of clusters incorporated into a-Si:H films deposited by SiH ₄ plasma chemical vapor deposition. <i>Surface and Coatings Technology</i> , 2017, 326, 388-394.	4.8	6
5	Electron Microscopy Study of Binary Nanocolloidal Crystals with <i>AB</i> ₁₃ Structure Made of Monodisperse Silica Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2014, 118, 15004-15010.	3.1	5
6	Effects of gas flow rate on deposition rate and number of Si clusters incorporated into a-Si:H films. <i>Japanese Journal of Applied Physics</i> , 2016, 55, 01AA19.	1.5	5
7	Low-Pressure Methanation of CO ₂ Using a Plasma-Catalyst System. <i>Science of Advanced Materials</i> , 2018, 10, 1087-1090.	0.7	5
8	Effects of Gas Velocity on Deposition Rate and Amount of Cluster Incorporation into a-Si:H Films Fabricated by SiH ₄ Plasma Chemical Vapor Deposition. <i>Plasma and Fusion Research</i> , 2018, 13, 1406082-1406082.	0.7	5
9	Dependence of CO ₂ Conversion to CH ₄ on the CO ₂ Flow Rate in a Helicon Discharge Plasma. <i>Science of Advanced Materials</i> , 2018, 10, 655-659.	0.7	4
10	Optical Bandgap Energy of Si Nanoparticle Composite Films Deposited by a Multi-Hollow Discharge Plasma Chemical Vapor Deposition Method. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 10753-10757.	0.9	2