Susumu Toko

List of Publications by Year
in descending order

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	Effect of gas flow rate and discharge volume on CO₂ methanation with plasma catalysis. Japanese Journal of Applied Physics, 2022, 61, SI1002.	1.5	7
2	Spatiotemporal optical emission spectroscopy to estimate electron density and temperature of plasmas in solution. Journal Physics D: Applied Physics, 2020, 53, 235202.	2.8	11
3	Dependence of CO₂ Conversion to CH₄on the CO₂ Flow Rate in a Helicon Discharge Plasma. Science of Advanced Materials, 2018, 10, 655-659.	0.7	4
4	Low-Pressure Methanation of CO₂ Using a Plasmaâ€“Catalyst System. Science of Advanced Materials, 2018, 10, 1087-1090.	0.7	5
5	Effects of Gas Velocity on Deposition Rate and Amount of Cluster Incorporation into a-Si:H Films Fabricated by SiH₄Plasma Chemical Vapor Deposition. Plasma and Fusion Research, 2018, 13, 1406082-1406082.	0.7	5
6	Hysteresis in volume fraction of clusters incorporated into a-Si:H films deposited by SiH 4 plasma chemical vapor deposition. Surface and Coatings Technology, 2017, 326, 388-394.	4.8	6
7	Optical Bandgap Energy of Si Nanoparticle Composite Films Deposited by a Multi-Hollow Discharge Plasma Chemical Vapor Deposition Method. Journal of Nanoscience and Nanotechnology, 2016, 16, 10753-10757.	0.9	2
8	Effects of gas flow rate on deposition rate and number of Si clusters incorporated into a-Si:H films. Japanese Journal of Applied Physics, 2016, 55, 01AA19.	1.5	5
9	Effects of cluster incorporation into hydrogenated amorphous silicon films in initial discharge phase on film stability. Thin Solid Films, 2015, 587, 126-131.	1.8	10
10	Electron Microscopy Study of Binary Nanocolloidal Crystals with ico-AB₁₃ Structure Made of Monodisperse Silica Nanoparticles. Journal of Physical Chemistry C, 2014, 118, 15004-15010.	3.1	5