

Yohei Sato

List of Publications by Year in descending order

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15
papers

249
citations

1163117

8
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

359
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental determination of solidified lithium disilicate crystal bandgap energy using EELS and XPS. <i>Journal of the American Ceramic Society</i> , 2020, 103, 5139-5144.	3.8	6
2	Orientation-controlled, low-temperature plasma growth and applications of h-BN nanosheets. <i>Nano Research</i> , 2019, 12, 91-99.	10.4	17
3	Soft X-ray emission spectroscopy study of characteristic bonding states and its distribution of amorphous carbon-nitride (a-CN _x) films. <i>Microscopy (Oxford, England)</i> , 2018, 67, 244-249.	1.5	15
4	Dielectric Properties of Photo-Luminescent CdSe/CdS Mono-Shell and CdSe/CdS/ZnS Multi-Shell Nanocrystals Studied by TEM-EELS. <i>ECS Journal of Solid State Science and Technology</i> , 2018, 7, R167-R174.	1.8	1
5	Electron energy-loss and soft X-ray emission spectroscopy of electronic structure of MgB ₄ . <i>Journal of Solid State Chemistry</i> , 2017, 253, 58-62.	2.9	2
6	Modification of dielectric functions by lattice defects in lightly-absorbing LaB ₆ nanoparticles studied with effective medium theory. <i>Journal of Applied Physics</i> , 2017, 121, .	2.5	2
7	Heterogeneous diamond phases in compressed graphite studied by electron energy-loss spectroscopy. <i>Diamond and Related Materials</i> , 2016, 64, 190-196.	3.9	10
8	B21-P-03 Dielectric properties of multishell nanoparticles studied by HR-EELS. <i>Microscopy (Oxford, England)</i> , 2015, 64, 190-196.	1.5	0
9	Electronic structures of three-dimensional C ₆₀ polymers studied by high-energy-resolution electron energy-loss spectroscopy based on transmission electron microscopy. <i>Chemical Physics Letters</i> , 2015, 626, 90-95.	2.6	7
10	High-Energy Resolution Electron Energy-Loss Spectroscopy Study of Interband Transitions Characteristic to Single-Walled Carbon Nanotubes. <i>Microscopy and Microanalysis</i> , 2014, 20, 807-814.	0.4	9
11	Electron diffraction and electron energy-loss spectroscopy studies of a hybrid material composed of coronene molecules encapsulated in single-walled carbon nanotubes. <i>Microscopy (Oxford, England)</i> , 2014, 63, 111-117.	1.5	3
12	Formation of crosslinked-fullerene-like framework as negative replica of zeolite Y. <i>Carbon</i> , 2013, 62, 455-464.	10.3	66
13	High energy-resolution electron energy-loss spectroscopy study on the near-infrared scattering mechanism of Cs _{0.33} WO ₃ crystals and nanoparticles. <i>Journal of Applied Physics</i> , 2012, 112, .	2.5	46
14	High energy-resolution electron energy-loss spectroscopy analysis of dielectric property and electronic structure of hexagonal diamond. <i>Diamond and Related Materials</i> , 2012, 25, 40-44.	3.9	10
15	High energy-resolution electron energy-loss spectroscopy study of the dielectric properties of bulk and nanoparticle LaB ₆ in the near-infrared region. <i>Ultramicroscopy</i> , 2011, 111, 1381-1387.	1.9	55