Kazuhisa Sueoka

List of Publications by Year
in descending order

53	586	516710 16	642732 23
papers	citations	h-index	g-index

53	53	53	569
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electric-Field-Effect Spin Switching with an Enhanced Number of Highly Polarized Electron and Photon Spins Using p-Doped Semiconductor Quantum Dots. ACS Omega, 2021, 6, 8561-8569.	3.5	6
2	Relationship between rheological properties and actin filaments of single cells investigated by atomic force microscopy. Japanese Journal of Applied Physics, 2020, 59, SN1010.	1.5	4
3	Electric field control of spin polarity in spin injection into InGaAs quantum dots from a tunnel-coupled quantum well. Applied Physics Letters, 2019, 114, 133101.	3.3	9
4	Origami-based self-folding of co-cultured NIH/3T3 and HepG2 cells into 3D microstructures. Scientific Reports, 2018, 8, 4556.	3.3	26
5	Visualising the dynamics of live pancreatic microtumours self-organised through cell-in-cell invasion. Scientific Reports, 2018, 8, 14054.	3.3	7
6	Interdot spin transfer dynamics in laterally coupled excited spin ensemble of high-density InGaAs quantum dots. Applied Physics Letters, 2018, 113, 023104.	3.3	12
7	Temporal Variation in Single-Cell Power-Law Rheology Spans the Ensemble Variation of Cell Population. Biophysical Journal, 2017, 113, 671-678.	0.5	24
8	Elastic modulus of low-density lipoprotein as potential indicator of its oxidation. Annals of Clinical Biochemistry, 2015, 52, 647-653.	1.6	5
9	Scanning Tunneling Microscopy Study of an Altered Fe₃O₄(001) Thin Films Surface by Hydrogen Adsorption. E-Journal of Surface Science and Nanotechnology, 2014, 12, 26-30.	0.4	4
10	Atomic force microscopy measurements of mechanical properties of single cells patterned by microcontact printing. Advanced Robotics, 2014, 28, 449-455.	1.8	16
11	Temporal change in complex shear modulus of cells: An atomic force microscopy study. , 2014, , .		0
12	Atomic force microscopy for mapping mechanical property of the whole cell assembly. , 2014, , .		0
13	Quantitative rheological measurements of confluent cell using atomic force microscopy. , 2014, , .		0
14	Ultrafast spin tunneling and injection in coupled nanostructures of InGaAs quantum dots and quantum well. Applied Physics Letters, 2014, 104, 012406.	3.3	23
15	Growth-temperature dependence of optical spin-injection dynamics in self-assembled InGaAs quantum dots. Journal of Applied Physics, 2014, 116, 094309.	2.5	19
16	Temperature dependence of the dynamics of optical spin injection in self-assembled InGaAs quantum dots. Applied Physics Letters, 2013, 103, 082405.	3.3	26
17	Evaluation of Oxidized-Low-Density Lipoproteins Using Kelvin Force Microscopy. IEEE Sensors Journal, 2013, 13, 3449-3453.	4.7	3
18	Effects of acid oxidation on carbon nanotube based electrodes for detection of oxidized LDL. , 2013, , .		0

#	Article	IF	Citations
19	High-throughput measurements of cell mechanics using atomic force microscopy with micro-patterned substrates. , 2013, , .		1
20	Application of Kelvin force microscopy for evaluation of oxidized low-density lipoprotein. , 2012, , .		1
21	Spin-Polarized Tunneling between Optically Pumped GaAs(110) Surface and Spin-Polarized Tip. Japanese Journal of Applied Physics, 2011, 50, 08LB02.	1.5	0
22	Direct observation of dynamic force propagation between focal adhesions of cells on microposts by atomic force microscopy. Applied Physics Letters, 2011, 99, 263703.	3.3	6
23	Noncontact Atomic Force Microscopy and Related Topics. , 2011, , 195-237.		3
24	Spin-Polarized Tunneling between Optically Pumped GaAs(110) Surface and Spin-Polarized Tip. Japanese Journal of Applied Physics, 2011, 50, 08LB02.	1.5	1
25	Noncontact Atomic Force Microscopy and Related Topics. , 2010, , 635-662.		1
26	Influence of surface states on tunneling spectra ofn-type GaAs(110) surfaces. Physical Review B, 2009, 80, .	3.2	37
27	Needle-type field-effect transistor based on carbon nanotube derivative without lithography process. Sensors and Actuators B: Chemical, 2008, 132, 9-12.	7.8	4
28	Quantitative current measurements using scanning magnetoresistance microscopy. Ultramicroscopy, 2008, 108, 970-974.	1.9	4
29	Ultrasensitive detection of organophosphate insecticides by carbon nanotube field-effect transistor. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 313-314, 456-460.	4.7	12
30	Scanning Tunneling Microscopy and Spectroscopy on c(3âˆš2Ã—âˆš2)R45Â°-C-Reconstructed Cr(001) Thin-Film Surfaces. Japanese Journal of Applied Physics, 2008, 47, 6099.	1.5	0
31	Noncontact Atomic Force Microscopy and Related Topics. , 2008, , 135-177.		0
32	Carbon-Induced Superstructure on Cr(001) Thin-Film Surfaces. Japanese Journal of Applied Physics, 2007, 46, 5602.	1.5	4
33	Large area magnetic domain imaging of magnetite films with Spin-SEM. Physica Status Solidi C: Current Topics in Solid State Physics, 2007, 4, 4364-4367.	0.8	3
34	A pH sensor based on electric properties of nanotubes on a glass substrate. Nanoscale Research Letters, 2007, 2, 207-212.	5.7	29
35	Noncontact Atomic Force Microscopy and Related Topics. , 2007, , 651-678.		1
36	LOCAL ELECTRONIC PROPERTIES OF DOMAIN BOUNDARIES ON c(2 Ã— 2) Fe(001) THIN FILM SURFACES. International Journal of Nanoscience, 2006, 05, 935-942.	0.7	1

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37	Spin-polarized scanning tunneling microscopy and spectroscopy study of c(2Ã—2) reconstructed Cr(001) thin film surfaces. Journal of Applied Physics, 2006, 99, 08D302.	2.5	11
38	Application of carbon nanotubes for detecting anti-hemagglutinins based on antigenâ€“antibody interaction. Biosensors and Bioelectronics, 2005, 21, 201-205.	10.1	34
39	Magnetic imaging with scanning probe microscopy. Nanotechnology, 2004, 15, S691-S698.	2.6	12
40	Investigations on the topographical asymmetry of non-contact atomic force microscopy images of NiO(001) surface observed with a ferromagnetic tip. Nanotechnology, 2004, 15, 505-509.	2.6	18
41	DIRECT SPIN INJECTION FROM A FERROMAGNETIC METAL INTO A SEMICONDUCTOR THROUGH Fe/InAs JUNCTION. , 2003, , .		0
42	Scanning magnetoresistance microscopy with a magnetoresistive sensor cantilever. Applied Physics Letters, 2002, 80, 2713-2715.	3.3	29
43	Spin Electronic States and Geometry of Fe Nanowire: Comparison with Au, Pt, Cu, Na, Mg, Al, Si, and Xe Atomic Strands. Transactions of the Magnetics Society of Japan, 2002, 2, 63-68.	0.5	0
44	Atomically Resolved Imaging of a NiO(001) Surface. Nanoscience and Technology, 2002, , 125-134.	1.5	6
45	Noncontact Atomic Force Microscopy. Possibility of NC-AFM Imaging of Surface Magnetic Structure.. Hyomen Kagaku, 2002, 23, 158-165.	0.0	0
46	Improvement of the MR Cantilever for Scanning Magnetoresistance Microscope. Transactions of the Magnetics Society of Japan, 2002, 2, 7-10.	0.5	1
47	Scanning Tunneling Microscopy Observation of Epitaxial bcc-Fe(001) Surface. Japanese Journal of Applied Physics, 2000, 39, 3777-3779.	1.5	25
48	In Situ STM Observation of the Spiral Growth in the Epitaxial Fe Films on MgO(001). Materials Research Society Symposia Proceedings, 1999, 580, 429.	0.1	1
49	Spin-polarized tunneling by spin-polarized scanning tunneling microscopy. Journal of Applied Physics, 1998, 83, 6831-6833.	2.5	19
50	STM Study of a Thin GaAs Tip.. Hyomen Kagaku, 1998, 19, 522-526.	0.0	1
51	First-principles calculation of the exchange interaction and the exchange force between magnetic Fe films. Physical Review B, 1997, 56, 3218-3221.	3.2	39
52	Exchange Interaction between Magnetic Moments of Ferromagnetic Sample and Tip: Possibility of Atomic-Resolution Images of Exchange Interactions using Exchange Force Microscopy. Japanese Journal of Applied Physics, 1994, 33, 2692-2695.	1.5	37
53	Possibility of Observing Spin-Polarized Tunneling Current Using Scanning Tunneling Microscope with Optically Pumped GaAs. Japanese Journal of Applied Physics, 1993, 32, 2989-2993.	1.5	61