

# Kazuhisa Sueoka

## List of Publications by Year in descending order

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53  
papers

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citations

516710

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642732

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g-index

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53  
docs citations

53  
times ranked

569  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Influence of surface states on tunneling spectra of n-type GaAs(110) surfaces. Physical Review B, 2009, 80, .	3.2	37
5	Application of carbon nanotubes for detecting anti-hemagglutinins based on antigen-antibody interaction. Biosensors and Bioelectronics, 2005, 21, 201-205.	10.1	34
6	Scanning magnetoresistance microscopy with a magnetoresistive sensor cantilever. Applied Physics Letters, 2002, 80, 2713-2715.	3.3	29
7	A pH sensor based on electric properties of nanotubes on a glass substrate. Nanoscale Research Letters, 2007, 2, 207-212.	5.7	29
8	Temperature dependence of the dynamics of optical spin injection in self-assembled InGaAs quantum dots. Applied Physics Letters, 2013, 103, 082405.	3.3	26
9	Origami-based self-folding of co-cultured NIH/3T3 and HepG2 cells into 3D microstructures. Scientific Reports, 2018, 8, 4556.	3.3	26
10	Scanning Tunneling Microscopy Observation of Epitaxial bcc-Fe(001) Surface. Japanese Journal of Applied Physics, 2000, 39, 3777-3779.	1.5	25
11	Temporal Variation in Single-Cell Power-Law Rheology Spans the Ensemble Variation of Cell Population. Biophysical Journal, 2017, 113, 671-678.	0.5	24
12	Ultrafast spin tunneling and injection in coupled nanostructures of InGaAs quantum dots and quantum well. Applied Physics Letters, 2014, 104, 012406.	3.3	23
13	Spin-polarized tunneling by spin-polarized scanning tunneling microscopy. Journal of Applied Physics, 1998, 83, 6831-6833.	2.5	19
14	Growth-temperature dependence of optical spin-injection dynamics in self-assembled InGaAs quantum dots. Journal of Applied Physics, 2014, 116, 094309.	2.5	19
15	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
16	Atomic force microscopy measurements of mechanical properties of single cells patterned by microcontact printing. Advanced Robotics, 2014, 28, 449-455.	1.8	16
17	Magnetic imaging with scanning probe microscopy. Nanotechnology, 2004, 15, S691-S698.	2.6	12
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Spin-polarized scanning tunneling microscopy and spectroscopy study of $c(2\sqrt{2})$ reconstructed Cr(001) thin film surfaces. Journal of Applied Physics, 2006, 99, 08D302.	2.5	11
21	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
22	Visualising the dynamics of live pancreatic microtumours self-organised through cell-in-cell invasion. Scientific Reports, 2018, 8, 14054.	3.3	7
23	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
24	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
25	Atomically Resolved Imaging of a NiO(001) Surface. Nanoscience and Technology, 2002, , 125-134.	1.5	6
26	Elastic modulus of low-density lipoprotein as potential indicator of its oxidation. Annals of Clinical Biochemistry, 2015, 52, 647-653.	1.6	5
27	Carbon-Induced Superstructure on Cr(001) Thin-Film Surfaces. Japanese Journal of Applied Physics, 2007, 46, 5602.	1.5	4
28	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
29	Quantitative current measurements using scanning magnetoresistance microscopy. Ultramicroscopy, 2008, 108, 970-974.	1.9	4
30	Scanning Tunneling Microscopy Study of an Altered $\text{Fe}_3\text{O}_4$ (001) Thin Films Surface by Hydrogen Adsorption. E-Journal of Surface Science and Nanotechnology, 2014, 12, 26-30.	0.4	4
31	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
32	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
33	Evaluation of Oxidized-Low-Density Lipoproteins Using Kelvin Force Microscopy. IEEE Sensors Journal, 2013, 13, 3449-3453.	4.7	3
34	Noncontact Atomic Force Microscopy and Related Topics. , 2011, , 195-237.		3
35	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
36	LOCAL ELECTRONIC PROPERTIES OF DOMAIN BOUNDARIES ON $c(2\sqrt{2})$ Fe(001) THIN FILM SURFACES. International Journal of Nanoscience, 2006, 05, 935-942.	0.7	1

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37	Application of Kelvin force microscopy for evaluation of oxidized low-density lipoprotein. , 2012, , .		1
38	High-throughput measurements of cell mechanics using atomic force microscopy with micro-patterned substrates. , 2013, , .		1
39	Noncontact Atomic Force Microscopy and Related Topics. , 2007, , 651-678.		1
40	Spin-Polarized Tunneling between Optically Pumped GaAs(110) Surface and Spin-Polarized Tip. Japanese Journal of Applied Physics, 2011, 50, 08LB02.	1.5	1
41	Improvement of the MR Cantilever for Scanning Magnetoresistance Microscope. Transactions of the Magnetics Society of Japan, 2002, 2, 7-10.	0.5	1
42	Noncontact Atomic Force Microscopy and Related Topics. , 2010, , 635-662.		1
43	STM Study of a Thin GaAs Tip.. Hyomen Kagaku, 1998, 19, 522-526.	0.0	1
44	Scanning Tunneling Microscopy and Spectroscopy on $c(3\sqrt{2}\sqrt{2})R45^\circ$ -C-Reconstructed Cr(001) Thin-Film Surfaces. Japanese Journal of Applied Physics, 2008, 47, 6099.	1.5	0
45	Spin-Polarized Tunneling between Optically Pumped GaAs(110) Surface and Spin-Polarized Tip. Japanese Journal of Applied Physics, 2011, 50, 08LB02.	1.5	0
46	Effects of acid oxidation on carbon nanotube based electrodes for detection of oxidized LDL. , 2013, , .		0
47	Temporal change in complex shear modulus of cells: An atomic force microscopy study. , 2014, , .		0
48	Atomic force microscopy for mapping mechanical property of the whole cell assembly. , 2014, , .		0
49	Quantitative rheological measurements of confluent cell using atomic force microscopy. , 2014, , .		0
50	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
51	Noncontact Atomic Force Microscopy. Possibility of NC-AFM Imaging of Surface Magnetic Structure.. Hyomen Kagaku, 2002, 23, 158-165.	0.0	0
52	DIRECT SPIN INJECTION FROM A FERROMAGNETIC METAL INTO A SEMICONDUCTOR THROUGH Fe/InAs JUNCTION. , 2003, , .		0
53	Noncontact Atomic Force Microscopy and Related Topics. , 2008, , 135-177.		0