

# Jian Guan

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

421  
citations

840776

11  
h-index

752698

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

539  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Large-Range Steering Optical Phased Array Chip and High-Speed Controlling System. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-12.	4.7	4
2	A Virtual-Movement Scheme for Eliminating Spot-Positioning Errors Applicable to Quadrant Detectors. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11.	4.7	4
3	A hybrid correlation denoising method based on complex resistivity and application on spread-spectrum induced-polarization data. Geophysics, 2021, 86, E297-E303.	2.6	2
4	A Fusion Approach for Suppression of Environmental Noise in Spread Spectrum Induced Polarization Data. Pure and Applied Geophysics, 2021, 178, 3619-3628.	1.9	3
5	Simultaneous Realization of Laser Ranging and Communication Based on Dual-Pulse Interval Modulation. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-10.	4.7	8
6	Ghost Imaging by a Proportional Parameter to Filter Bucket Data. Applied Sciences (Switzerland), 2021, 11, 227.	2.5	2
7	Experimental Investigation of Anisotropic Diffusion Applied in Ghost Imaging Reconstruction. Applied Sciences (Switzerland), 2020, 10, 6437.	2.5	1
8	Cryoelectron Microscopy Maps of Human Papillomavirus 16 Reveal L2 Densities and Heparin Binding Site. Structure, 2017, 25, 253-263.	3.3	56
9	A study on the surface quality and brittle-ductile transition during the elliptical vibration-assisted nanocutting process on monocrystalline silicon via molecular dynamic simulations. RSC Advances, 2017, 7, 4179-4189.	3.6	48
10	Electrical Derivative Measurement of High-Power InGaAs LDs Under Scanning Current with Variable Step. Chinese Journal of Electronics, 2017, 26, 508-513.	1.5	0
11	High-Resolution Structure Analysis of Antibody V5 and U4 Conformational Epitopes on Human Papillomavirus 16. Viruses, 2017, 9, 374.	3.3	11
12	Generation of 2-scroll existence in new three-dimensional chaos systems. Chaos, 2016, 26, 084307.	2.5	9
13	A Cryo-Electron Microscopy Study Identifies the Complete H16.V5 Epitope and Reveals Global Conformational Changes Initiated by Binding of the Neutralizing Antibody Fragment. Journal of Virology, 2015, 89, 1428-1438.	3.4	54
14	Structural comparison of four different antibodies interacting with human papillomavirus 16 and mechanisms of neutralization. Virology, 2015, 483, 253-263.	2.4	47
15	The U4 Antibody Epitope on Human Papillomavirus 16 Identified by Cryo-electron Microscopy. Journal of Virology, 2015, 89, 12108-12117.	3.4	22
16	Flow control of thermotropic lipid monolayers. Soft Matter, 2011, 7, 6926.	2.7	12
17	Poly(L-lysine)-Induced Aggregation of Single-Strand Oligo-DNA-Modified Gold Nanoparticles. Chemistry - A European Journal, 2009, 15, 13135-13140.	3.3	11
18	pH-dependent aggregation of citrate-capped Au nanoparticles induced by Cu <sup>2+</sup> ions: The competition effect of hydroxyl groups with the carboxyl groups. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2009, 346, 216-220.	4.7	38

#	ARTICLE	IF	CITATIONS
19	Cooperative Dual-Stimuli-Triggered Aggregation of Poly-L-Histidine-Functionalized Au Nanoparticles. <i>Langmuir</i> , 2009, 25, 2679-2683.	3.5	20
20	pH-dependent response of citrate capped Au nanoparticle to Pb <sup>2+</sup> ion. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008, 325, 194-197.	4.7	32
21	pH-Dependent Aggregation of Histidine-Functionalized Au Nanoparticles Induced by Fe <sup>3+</sup> ions. <i>Journal of Physical Chemistry C</i> , 2008, 112, 3267-3271.	3.1	37