

Francesco Buatier De Mongeot

List of Publications by Year in descending order

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164
papers

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citations

87888

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docs citations

166
times ranked

4278
citing authors

#	ARTICLE	IF	CITATIONS
1	Wavelength-Dependent Plasmonic Photobleaching of Dye Molecules by Large-Area Au Nanostripe Arrays. ACS Applied Nano Materials, 2022, 5, 3470-3479.	5.0	4
2	Omnidirectional and broadband photon harvesting in self-organized Ge columnar nanovoids. Nanotechnology, 2022, 33, 305304.	2.6	2
3	Geometrical Engineering of Giant Optical Dichroism in Rippled MoS ₂ Nanosheets. Advanced Optical Materials, 2021, 9, 2001408.	7.3	6
4	Large-area flexible nanostripe electrodes featuring plasmon hybridization engineering. Nano Research, 2021, 14, 858-867.	10.4	3
5	Self-Organized Tailoring of Faceted Glass Nanowrinkles for Organic Nanoelectronics. ACS Applied Nano Materials, 2021, 4, 1940-1950.	5.0	11
6	Broadband and Tunable Light Harvesting in Nanorippled MoS ₂ Ultrathin Films. ACS Applied Materials & Interfaces, 2021, 13, 13508-13516.	8.0	21
7	Impact of Annealing on T _C and Structure of Titanium Thin Films. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-4.	1.7	4
8	Evidence of Plasmon Enhanced Charge Transfer in Large-Area Hybrid Au@MoS ₂ Metasurface. Advanced Optical Materials, 2020, 8, 2000653.	7.3	20
9	Self-Organized Nanogratings for Large-Area Surface Plasmon Polariton Excitation and Surface-Enhanced Raman Spectroscopy Sensing. ACS Applied Nano Materials, 2020, 3, 8784-8793.	5.0	14
10	Ultra-broadband photon harvesting in large-area few-layer MoS ₂ nanostripe gratings. Nanoscale, 2020, 12, 24385-24393.	5.6	18
11	Color Routing via Cross-Polarized Detuned Plasmonic Nanoantennas in Large-Area Metasurfaces. Nano Letters, 2020, 20, 4121-4128.	9.1	14
12	Large-Area Microfluidic Sensors Based on Flat-Optics Au Nanostripe Metasurfaces. Journal of Physical Chemistry C, 2020, 124, 17183-17190.	3.1	10
13	Self-Organized Conductive Gratings of Au Nanostripe Dimers Enable Tunable Plasmonic Activity. Applied Sciences (Switzerland), 2020, 10, 1301.	2.5	1
14	Self-Organized Nanorod Arrays for Large-Area Surface-Enhanced Infrared Absorption. ACS Applied Materials & Interfaces, 2020, 12, 11155-11162.	8.0	19
15	Tuning the transient opto-electronic properties of few-layer MoS ₂ nanosheets via substrate nano-patterning. EPJ Web of Conferences, 2020, 238, 07006.	0.3	0
16	Infrared-absorbing carbonaceous tar can dominate light absorption by marine-engine exhaust. Npj Climate and Atmospheric Science, 2019, 2, .	6.8	71
17	Infrared Plasmonics via Self-Organized Anisotropic Wrinkling of Au/PDMS Nanoarrays. ACS Applied Polymer Materials, 2019, 1, 1334-1340.	4.4	14
18	Biaxial growth of pentacene on rippled silica surfaces studied by rotating grazing incidence X-ray diffraction. Journal of Crystal Growth, 2019, 519, 69-76.	1.5	3

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19	Flory-Huggins Photonic Sensors for the Optical Assessment of Molecular Diffusion Coefficients in Polymers. ACS Applied Materials & Interfaces, 2019, 11, 16872-16880.	8.0	36
20	Self-organized metasurfaces enabling plasmon hybridization. , 2019, , .		0
21	SERS amplification by ultra-dense plasmonic arrays on self-organized PDMS templates. Applied Surface Science, 2018, 446, 83-91.	6.1	27
22	Broadband light trapping in nanotextured thin film photovoltaic devices. Applied Surface Science, 2018, 446, 74-82.	6.1	22
23	Trace Metals in Soot and PM _{2.5} from Heavy-Fuel-Oil Combustion in a Marine Engine. Environmental Science & Technology, 2018, 52, 6714-6722.	10.0	112
24	Plasmon hybridization engineering in self-organized anisotropic metasurfaces. Nano Research, 2018, 11, 3943-3956.	10.4	28
25	Designer Shape Anisotropy on Transition-Metal-Dichalcogenide Nanosheets. Advanced Materials, 2018, 30, 1705615.	21.0	52
26	Anisotropic Nanoscale Wrinkling in Solid-State Substrates. Advanced Materials, 2018, 30, e1801840.	21.0	26
27	Light scattering properties of self-organized nanostructured substrates for thin-film solar cells. Nanotechnology, 2018, 29, 355301.	2.6	12
28	Ultrafast Anisotropic Exciton Dynamics in Nanopatterned MoS ₂ Sheets. ACS Photonics, 2018, 5, 3363-3371.	6.6	17
29	Anisotropic MoS ₂ Nanosheets Grown on Self-Organized Nanopatterned Substrates. Advanced Materials, 2017, 29, 1605785.	21.0	53
30	IR-Mueller matrix ellipsometry of self-assembled nanopatterned gold grid polarizer. Applied Surface Science, 2017, 421, 728-737.	6.1	8
31	Light absorption enhancement in thin film hydrogenated amorphous Si solar cells. , 2017, , .		0
32	Second harmonic generation on self-assembled GaAs/Au nanowires with thickness gradient. Proceedings of SPIE, 2017, , .	0.8	1
33	Self-Organized Nanoscale Roughness Engineering for Broadband Light Trapping in Thin Film Solar Cells. Applied Sciences (Switzerland), 2017, 7, 355.	2.5	5
34	Optical characterization of anisotropic MoS ₂ nanosheets. , 2017, , .		1
35	Influence of TiO ₂ (110) surface roughness on growth and stability of thin organic films. Journal of Chemical Physics, 2016, 145, 144703.	3.0	6
36	Optical properties of self-assembled plasmonic hyperbolic metasurfaces and metamaterials extracted by (Mueller matrix) spectroscopic ellipsometry. , 2016, , .		0

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37	Template-assisted growth of transparent plasmonic nanowire electrodes. Nanotechnology, 2016, 27, 495201.	2.6	14
38	Adhesion modification of neural stem cells induced by nanoscale ripple patterns. Nanotechnology, 2016, 27, 125301.	2.6	13
39	In-plane anisotropic photoresponse in all-polymer planar microcavities. Polymer, 2016, 84, 383-390.	3.8	16
40	SERS Amplification from Self-Organized Arrays of Plasmonic Nanocrescents. ACS Applied Materials & Interfaces, 2016, 8, 6629-6638.	8.0	32
41	Plasmonics in Self-Organized Media. , 2016, , 3303-3318.		0
42	Self-organized plasmonic metasurfaces for all-optical modulation. Physical Review B, 2015, 91, .	3.2	24
43	Transparent aluminium nanowire electrodes with optical and electrical anisotropic response fabricated by defocused ion beam sputtering. Applied Surface Science, 2015, 327, 444-452.	6.1	18
44	Plasmonics in Self-Organized Media. , 2015, , 1-17.		1
45	Tailoring of linear response from plasmonic nano-resonators grown on a polystyrene. , 2014, , .		0
46	Tailoring broadband light trapping of GaAs and Si substrates by self-organised nanopatterning. Journal of Applied Physics, 2014, 115, .	2.5	9
47	Tailoring of the circular dichroism produced by Au covered self-ordered dielectric nanospheres. Proceedings of SPIE, 2014, , .	0.8	2
48	Channeling motion of gold nanospheres on a rippled glassed surface. Nanotechnology, 2014, 25, 485302.	2.6	11
49	Broadband light trapping in nanopatterned thin film amorphous silicon solar cells. , 2014, , .		0
50	SERS Enhancement and Field Confinement in Nanosensors Based on Self-Organized Gold Nanowires Produced by Ion-Beam Sputtering. Journal of Physical Chemistry C, 2014, 118, 8571-8580.	3.1	51
51	Second Harmonic Generation Circular Dichroism from Self-Ordered Hybrid Plasmonic-Photonic Nanosurfaces. Advanced Optical Materials, 2014, 2, 208-213.	7.3	46
52	Magnetism of TbPc ₂ SMMs on ferromagnetic electrodes used in organic spintronics. Chemical Communications, 2013, 49, 11506.	4.1	53
53	Temperature-dependent orientation of self-organized nanopatterns on ion-irradiated TiO ₂ (110). Physical Review B, 2013, 88, .	3.2	18
54	Transparent Plasmonic Nanowire Electrodes via Self-Organised Ion Beam Nanopatterning. Small, 2013, 9, 913-919.	10.0	28

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55	Hybrid Plasmonic Photonic Nanostructures: Gold Nanocrescents Over Opals. <i>Advanced Optical Materials</i> , 2013, 1, 389-396.	7.3	44
56	Self-organized broadband light trapping in thin film amorphous silicon solar cells. <i>Nanotechnology</i> , 2013, 24, 225201.	2.6	30
57	Optical properties of biaxial nanopatterned gold plasmonic nanowired grid polarizer. <i>Optics Express</i> , 2013, 21, 30918.	3.4	18
58	Measurement of the circular dichroism in the second harmonic optical signal produced by Au covered self ordered dielectric nanospheres. , 2013, , .		4
59	Study of the anomalous refraction produced by self assembled gold nanowires. , 2013, , .		0
60	Second harmonic circular dichroism from Au covered polystyrene nanospheres. , 2013, , .		0
61	Anomalous refraction of self assembled gold nanowires studied by the generalized Snell's law. <i>Photonics Letters of Poland</i> , 2013, 5, .	0.4	1
62	Evidence of anomalous refraction of self-assembled curved gold nanowires. <i>Applied Physics Letters</i> , 2012, 100, .	3.3	23
63	Tailoring resistivity anisotropy of nanorippled metal films: Electrons surfing on gold waves. <i>Physical Review B</i> , 2012, 86, .	3.2	15
64	Re-radiation Enhancement in Polarized Surface-Enhanced Resonant Raman Scattering of Randomly Oriented Molecules on Self-Organized Gold Nanowires. <i>ACS Nano</i> , 2011, 5, 5945-5956.	14.6	94
65	Circular Dichroism in the Optical Second-Harmonic Emission of Curved Gold Metal Nanowires. <i>Physical Review Letters</i> , 2011, 107, 257401.	7.8	98
66	GaAs nanostructuring by self-organized stencil mask ion lithography. <i>Journal of Applied Physics</i> , 2011, 110, 114321.	2.5	9
67	Nanofriction of adsorbed monolayers on superconducting lead. <i>Physical Review B</i> , 2011, 84, .	3.2	7
68	Mueller matrix imaging of plasmonic polarizers on nanopatterned surface. <i>Proceedings of SPIE</i> , 2011, , .	0.8	2
69	Nonlinear circular dichroism in self-organized metal nanowires arrays. , 2011, , .		0
70	X-Ray Detected Magnetic Hysteresis of Thermally Evaporated Terbium Double-Decker Oriented Films. <i>Advanced Materials</i> , 2010, 22, 5488-5493.	21.0	122
71	Self-organized ion-beam synthesis of nanowires with broadband plasmonic functionality. <i>Physical Review B</i> , 2010, 81, .	3.2	51
72	Nanofriction of Neon Films on Superconducting Lead. <i>Physical Review Letters</i> , 2010, 105, 016102.	7.8	28

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73	Scanning probe microscopy study of height-selected Ag/Ge(111) nanomesas driven by quantum size effects. <i>Physical Review B</i> , 2010, 81, .	3.2	6
74	Friction reduction of Ne monolayers on preplated metal surfaces. <i>Physical Review B</i> , 2010, 81, .	3.2	13
75	Amplified nanopatterning by self-organized shadow mask ion lithography. <i>Applied Physics Letters</i> , 2010, 97, .	3.3	15
76	Wetting process in superhydrophobic disordered surfaces. <i>Soft Matter</i> , 2010, 6, 1409.	2.7	8
77	Surface plasmon "hot spots" detected by near-field polarization spectroscopy. , 2010, , .		1
78	Transition from Heterogeneous to Homogeneous Regime in Disordered Superhydrophobic Surfaces. <i>E-Journal of Surface Science and Nanotechnology</i> , 2010, 8, 275-277.	0.4	1
79	Critical thickness for the agglomeration of thin metal films. <i>Physical Review B</i> , 2009, 79, .	3.2	29
80	Applications of metal surfaces nanostructured by ion beam sputtering. <i>Journal of Physics Condensed Matter</i> , 2009, 21, 224022.	1.8	27
81	Tailored emission properties of second harmonic generation from self-organized metal nanowires arrays. , 2009, , .		0
82	Focused-ion beam fabrication of nanometer orifices for leak detection. <i>Journal of Vacuum Science & Technology B</i> , 2009, 27, 2347.	1.3	11
83	Thermal Deposition of Intact Tetrairon(III) Single-Molecule Magnets in High-Vacuum Conditions. <i>Small</i> , 2009, 5, 1460-1466.	10.0	58
84	Tailored second harmonic generation from self-organized metal nano-wires arrays. <i>Optics Express</i> , 2009, 17, 3603.	3.4	61
85	Non linear optical properties of nanostructured metallic surfaces. , 2009, , .		0
86	Optically addressable single molecule magnet behaviour of vacuum-sprayed ultrathin films. <i>Journal of Materials Chemistry</i> , 2008, 18, 109-115.	6.7	26
87	Self-organized metal nanowire arrays with tunable optical anisotropy. <i>Applied Physics Letters</i> , 2008, 93, 163104.	3.3	81
88	Patterning polycrystalline thin films by defocused ion beam: The influence of initial morphology on the evolution of self-organized nanostructures. <i>Journal of Applied Physics</i> , 2008, 104, .	2.5	50
89	Erosive versus shadowing instabilities in the self-organized ion patterning of polycrystalline metal films. <i>Physical Review B</i> , 2008, 78, .	3.2	45
90	Low-temperature static friction of N ₂ monolayers on Pb(111). <i>Journal of Physics Condensed Matter</i> , 2007, 19, 305013.	1.8	12

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91	Magnetocrystalline anisotropy of monatomic steps in Fe ²⁺ /Ag(001) nanopatterned films. Physical Review B, 2007, 75, .	3.2	14
92	Kink contribution to the magnetic anisotropy of nanostructured ultrathin Co/Cu(001) films. Physical Review B, 2007, 76, .	3.2	12
93	Leaky atomic traps: Upward diffusion of Au from nanoscale pits on ionic-crystal surfaces. Physical Review B, 2007, 76, .	3.2	16
94	Metal nanostructures assembled at semiconductor surfaces studied with high resolution scanning probes. Nanotechnology, 2007, 18, 044016.	2.6	9
95	Broad band light-emitting nanostructured substrates by ion beam irradiation of lithium fluoride crystals. Surface Science, 2007, 601, 2746-2749.	1.9	11
96	Atomic force microscopy and X-ray photoelectron spectroscopy characterization of low-energy ion sputtered mica. Surface Science, 2007, 601, 2735-2739.	1.9	18
97	In situ study of the dewetting behavior of Ni-films on oxidized Si(001) by GISAXS. Surface Science, 2007, 601, 4526-4530.	1.9	13
98	Interaction of CO with atomically well-defined Pt/Ru(001) surface alloys. Surface Science, 2007, 601, 4608-4619.	1.9	40
99	Onset of magnetic anisotropy in ion-sculpted ultrathin magnetic films. Nuclear Instruments & Methods in Physics Research B, 2007, 256, 419-422.	1.4	0
100	Ion sculpting: A tool for tuning magnetic anisotropy in ultrathin films. Nuclear Instruments & Methods in Physics Research B, 2007, 257, 359-364.	1.4	3
101	Self-organised synthesis of Rh nanostructures with tunable chemical reactivity. Nanoscale Research Letters, 2007, 2, 251-264.	5.7	6
102	Tuning the magnetic anisotropy of ultrathin Fe ²⁺ /Ag(001) films from biaxial to uniaxial by ion sculpting. Applied Physics Letters, 2006, 89, 052507.	3.3	27
103	Surface nanostructuring and optical activation of lithium fluoride crystals by ion beam irradiation. Applied Physics Letters, 2006, 88, 103116.	3.3	37
104	Nanostructuring Rh(110) Surfaces by Ion Etching. Materials Research Society Symposia Proceedings, 2006, 960, 1.	0.1	0
105	Interfacial dynamics of the rhomboidal pyramid pattern on ion-eroded Cu(110). Physical Review B, 2006, 73, .	3.2	14
106	Isolating the Step Contribution to the Uniaxial Magnetic Anisotropy in Nanostructured Fe/Ag(001) Films. Physical Review Letters, 2006, 96, 057204.	7.8	69
107	Structural Depinning of Ne Monolayers on Pb at T < 6.5 K. Physical Review Letters, 2006, 96, 216101.	7.8	41
108	Carbon Monoxide Dissociation on Rh Nanopyramids. Physical Review Letters, 2006, 97, 056103.	7.8	41

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109	Ion sputtered surfaces as templates for carbon nanotubes alignment and deformation. Nuclear Instruments & Methods in Physics Research B, 2005, 230, 545-550.	1.4	17
110	Ion beam erosion of amorphous materials: evolution of surface morphology. Nuclear Instruments & Methods in Physics Research B, 2005, 230, 551-554.	1.4	58
111	Temperature dependence of rippled corrugations induced on the Rh(110) surface via ion sputtering. Nuclear Instruments & Methods in Physics Research B, 2005, 230, 555-559.	1.4	3
112	Ultrahigh vacuum apparatus for quartz crystal microbalance measurements in the temperature range 4â€“400 K. Review of Scientific Instruments, 2005, 76, 023904.	1.3	15
113	Nanostructuring polymers by soft lithography templates realized via ion sputtering. Nanotechnology, 2005, 16, 2714-2717.	2.6	5
114	High performance portable vacuum suitcase. Review of Scientific Instruments, 2005, 76, 026108.	1.3	9
115	Dense arrays of Co nanocrystals epitaxially grown on ion-patterned Cu(110) substrates. Applied Physics Letters, 2005, 86, 141906.	3.3	10
116	Unexpected Behavior of the Surface Composition of PtRh Alloys during Chemical Reaction. Journal of the American Chemical Society, 2005, 127, 5671-5674.	13.7	18
117	Friction Force Microscopy Investigation of Elastic Instabilities in Nanolubricated Junctions. , 2005, , .		0
118	Self-Organized Formation of Rhomboidal Nanopyramids on fcc(110) Metal Surfaces. Physical Review Letters, 2004, 93, 256103.	7.8	22
119	Adatom Ascending at Step Edges and Faceting on fcc Metal (110) Surfaces. Physical Review Letters, 2004, 92, 106102.	7.8	52
120	Uniaxial magnetic anisotropy tuned by nanoscale ripple formation: Ion-sculpting of Co/Cu(001) thin films. Applied Physics Letters, 2004, 84, 762-764.	3.3	38
121	The smoothing kinetics of Ag(110) studied by thermal energy He atom scattering. Surface Science, 2004, 566-568, 115-121.	1.9	2
122	Experimental Investigation of the Contact Mechanics of Rough Fractal Surfaces. IEEE Transactions on Nanobioscience, 2004, 3, 27-31.	3.3	8
123	A novel approach for the investigation of mesoscopic contact mechanics. Thin Solid Films, 2003, 428, 111-114.	1.8	6
124	He diffraction study of the time decay of ripple structures on ion bombarded Ag(1 1 0). Applied Surface Science, 2003, 212-213, 344-348.	6.1	1
125	Nanostructuring by ion beam. Materials Science and Engineering C, 2003, 23, 201-209.	7.3	34
126	The contact mechanics of fractal surfaces. Nature Materials, 2003, 2, 233-236.	27.5	102

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127	Nanocrystal Formation and Faceting Instability in Al(110) Homoepitaxy: True Upward Adatom Diffusion at Step Edges and Island Corners. <i>Physical Review Letters</i> , 2003, 91, 016102.	7.8	55
128	Uniaxial Magnetic Anisotropy in Nanostructured Co/Cu(001): From Surface Ripples to Nanowires. <i>Physical Review Letters</i> , 2003, 91, 167207.	7.8	101
129	Smoothing of nanoscale surface ripples studied by He atom scattering. <i>Physical Review B</i> , 2003, 68, .	3.2	16
130	A supersonic molecular beam for gas-surface interaction studies with synchrotron radiation. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2002, 20, 683-687.	2.1	7
131	Fabrication of stable nanopatterns on metals. <i>Applied Physics Letters</i> , 2002, 81, 2632-2634.	3.3	11
132	In situ x-ray scattering study of Ag(110) nanostructuring by ion erosion. <i>Physical Review B</i> , 2002, 65, .	3.2	14
133	Mound shape instability in multilayer Ag(001) homoepitaxy: The role of corner-crossing. <i>Europhysics Letters</i> , 2002, 58, 537-543.	2.0	8
134	Nanostructuring surfaces by ion sputtering. <i>Journal of Physics Condensed Matter</i> , 2002, 14, 8153-8175.	1.8	377
135	Formation of channels for oxygen migration towards subsurface sites by CO oxidation and growth of the surface oxide phase on Ag(). <i>Surface Science</i> , 2002, 506, 213-222.	1.9	23
136	Ion etching of Ag(110) studied by X-ray and STM. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2002, 193, 590-595.	1.4	4
137	Submonolayer homoepitaxial growth on Ag(110). <i>Surface Science</i> , 2001, 487, 49-54.	1.9	26
138	Formation of d-holes in the initial stages of the oxidation of Ag(001). <i>Europhysics Letters</i> , 2001, 53, 544-550.	2.0	15
139	Transient CO adsorption and the catalytic properties of surfaces. <i>Physical Review B</i> , 2001, 63, .	3.2	24
140	Oxygen interaction with disordered and nanostructured Ag(001) surfaces. <i>Journal of Chemical Physics</i> , 2001, 115, 3346-3355.	3.0	47
141	Is Ion Sputtering Always a "Negative Homoepitaxial Deposition"? <i>Physical Review Letters</i> , 2001, 86, 838-841.	7.8	71
142	Negative ion resonances of O ₂ adsorbed on Ag surfaces. <i>Journal of Physics Condensed Matter</i> , 2000, 12, R53-R82.	1.8	11
143	Ripple Rotation in Multilayer Homoepitaxy. <i>Physical Review Letters</i> , 2000, 84, 2445-2448.	7.8	42
144	Phase transition of dissociatively adsorbed oxygen on Ag(001). <i>Physical Review B</i> , 2000, 61, 213-227.	3.2	108

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145	Temperature dependent reentrant smooth growth in Ag(001) homoepitaxy. Surface Science, 2000, 459, L487-L492.	1.9	20
146	Tuning surface reactivity by in situ surface nanostructuring. Journal of Chemical Physics, 2000, 112, 6840-6843.	3.0	43
147	Patterning a surface on the nanometric scale by ion sputtering. Applied Physics Letters, 1999, 75, 3318-3320.	3.3	100
148	Sub-surface incorporation of oxygen on Ag(001) during molecular dissociation. Chemical Physics Letters, 1999, 302, 302-306.	2.6	40
149	Adsorption and desorption of O on Ag surfaces. Vacuum, 1998, 50, 445-450.	3.5	9
150	CO adsorption and oxidation on bimetallic Pt/Ru(0001) surfaces – a combined STM and TPD/TPR study. Surface Science, 1998, 411, 249-262.	1.9	236
151	Anharmonicity of the O ₂ –Ag(001) chemisorption potential. Journal of Chemical Physics, 1997, 106, 9297-9304.	3.0	17
152	Sticking and thermal desorption of O ₂ on Ag(001). Journal of Chemical Physics, 1997, 106, 711-718.	3.0	35
153	Comment on “dissociative and non-dissociative sticking of O ₂ at the Ag(111) surface” by A. Raukema, D.A. Butler, F.M.A. Box and A.W. Kleyn. Surface Science, 1997, 373, 125-126.	1.9	21
154	Dissociation of O ₂ chemisorbed on Ag (110) and Pt(111) induced by energetic Xe atoms. Chemical Physics Letters, 1997, 270, 157-162.	2.6	27
155	O ₂ dissociation on Ag(001): the role of kink sites. Chemical Physics Letters, 1997, 270, 345-350.	2.6	53
156	Energy and angle dependence of the initial sticking coefficient of O ₂ on Ag(001). Surface Science, 1996, 363, 68-72.	1.9	46
157	Surface plasmon dispersion and damping on Ag(111). Physical Review B, 1995, 52, 14947-14953.	3.2	37
158	Oxygen adsorption on Ag(111). Surface Science, 1995, 339, 291-296.	1.9	55
159	Transmission of high-frequency ballistic phonons in superconducting In, Sn, and Pb films. Physical Review B, 1994, 49, 3600-3603.	3.2	0
160	A detachable semiconductor bolometer for heat pulses. Review of Scientific Instruments, 1992, 63, 3791-3792.	1.3	3
161	An amplifier for a fast semiconducting bolometer. Review of Scientific Instruments, 1991, 62, 3100-3101.	1.3	1
162	Nuclear waste reprocessing: study of the separation of radioactive cations ¹³⁷ Cs ⁺ and ⁹⁰ Sr ²⁺ from high level activity radioactive waste (HLW) by extractants derivatives of the hydroborates [B ₁₀ H ₁₀]/sup 2a/nd [B ₁₂ H ₁₂]/sup 2l. , O, , .		0

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163	Investigation of the mesoscopic contact mechanics of sexithienyl thin films. , 0, , .		0
164	Asymmetric transmission and anomalous refraction in metal nanowires metasurface. Journal of the European Optical Society-Rapid Publications, 0, 7, .	1.9	21