

Th Strunskus

List of Publications by Year in descending order

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203
papers

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50276

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206
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docs citations

206
times ranked

7940
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of argon flow and pressure on the trapping behavior of nanoparticles inside a gas aggregation source. Plasma Processes and Polymers, 2022, 19, e2100125.	3.0	6
2	N-Graphene-Metal-Oxide(Sulfide) hybrid Nanostructures: Single-step plasma-enabled approach for energy storage applications. Chemical Engineering Journal, 2022, 430, 133153.	12.7	13
3	Sensing performance of CuO/Cu ₂ O/ZnO:Fe heterostructure coated with thermally stable ultrathin hydrophobic PV3D3 polymer layer for battery application. Materials Today Chemistry, 2022, 23, 100642.	3.5	8
4	In Situ Monitoring of Scale Effects on Phase Selection and Plasmonic Shifts during the Growth of AgCu Alloy Nanostructures for Anticounterfeiting Applications. ACS Applied Nano Materials, 2022, 5, 3832-3842.	5.0	7
5	Controlled deposition of plasma- ϵ polyaniline thin film by PECVD: Understanding the influence of aniline to argon ratio. Plasma Processes and Polymers, 2022, 19, .	3.0	3
6	Selective Adsorption and Photocatalytic Clean-up of Oil by TiO ₂ Thin Film Decorated with V_3D_3 Modified Flowerlike Ag Nanoplates. Advanced Materials Interfaces, 2022, 9, .	3.7	3
7	Nitrogen incorporation in graphene nanowalls via plasma processes: Experiments and simulations. Applied Surface Science, 2022, 591, 153165.	6.1	7
8	Brain-like critical dynamics and long-range temporal correlations in percolating networks of silver nanoparticles and functionality preservation after integration of insulating matrix. Nanoscale Advances, 2022, 4, 3149-3160.	4.6	11
9	Template-Induced Growth of Sputter-Deposited Gold Nanoparticles on Ordered Porous TiO ₂ Thin Films for Surface-Enhanced Raman Scattering Sensors. ACS Applied Nano Materials, 2022, 5, 7492-7501.	5.0	11
10	Selective Adsorption and Photocatalytic Clean-up of Oil by TiO ₂ Thin Film Decorated with V_3D_3 Modified Flowerlike Ag Nanoplates (Adv. Mater. Interfaces 14/2022). Advanced Materials Interfaces, 2022, 9, .	3.7	0
11	A thin-film broadband perfect absorber based on plasmonic copper nanoparticles. Micro and Nano Engineering, 2022, 16, 100154.	2.9	6
12	Tuning wettability of TiO ₂ thin film by photocatalytic deposition of 3D flower- and hedgehog-like Au nano- and microstructures. Applied Surface Science, 2021, 537, 147795.	6.1	16
13	Real-time insight into nanostructure evolution during the rapid formation of ultra-thin gold layers on polymers. Nanoscale Horizons, 2021, 6, 132-138.	8.0	24
14	Molybdenum tricarbonyl complex functionalised with a molecular triazatriangulene platform on Au(111): surface spectroscopic characterisation. Dalton Transactions, 2021, 50, 1042-1052.	3.3	5
15	Enhancing Reliability of Studies on Single Filament Memristive Switching via an Unconventional cAFM Approach. Nanomaterials, 2021, 11, 265.	4.1	7
16	Neutron spectroscopy study of the diffusivity of hydrogen in MoS ₂ . Physical Chemistry Chemical Physics, 2021, 23, 7961-7973.	2.8	7
17	Revealing the growth of copper on polystyrene-block-poly(ethylene oxide) diblock copolymer thin films with in situ GISAXS. Nanoscale, 2021, 13, 10555-10565.	5.6	11
18	Synthesis and Investigation of a Photoswitchable Copolymer Deposited via Initiated Chemical Vapor Deposition for Application in Organic Smart Surfaces. ACS Applied Polymer Materials, 2021, 3, 1445-1456.	4.4	9

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19	Molecular Insight into Real-Time Reaction Kinetics of Free Radical Polymerization from the Vapor Phase by In-Situ Mass Spectrometry. <i>Journal of Physical Chemistry A</i> , 2021, 125, 1661-1667.	2.5	9
20	Tailoring the Optical Properties of Sputter-Deposited Gold Nanostructures on Nanostructured Titanium Dioxide Templates Based on In Situ Grazing-Incidence Small-Angle X-ray Scattering Determined Growth Laws. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 14728-14740.	8.0	4
21	Selective Silver Nanocluster Metallization on Conjugated Diblock Copolymer Templates for Sensing and Photovoltaic Applications. <i>ACS Applied Nano Materials</i> , 2021, 4, 4245-4255.	5.0	14
22	Epileptic Seizure Detection on an Ultra-Low-Power Embedded RISC-V Processor Using a Convolutional Neural Network. <i>Biosensors</i> , 2021, 11, 203.	4.7	19
23	Additive Manufacturing as a Means of Gas Sensor Development for Battery Health Monitoring. <i>Chemosensors</i> , 2021, 9, 252.	3.6	5
24	Thermal stability studies of plasma deposited hydrogenated carbon nitride nanostructures. <i>Carbon</i> , 2021, 184, 82-90.	10.3	4
25	Enhancing composition control of alloy nanoparticles from gas aggregation source by in operando optical emission spectroscopy. <i>Plasma Processes and Polymers</i> , 2021, 18, 2000208.	3.0	12
26	Correlating Optical Reflectance with the Topology of Aluminum Nanocluster Layers Growing on Partially Conjugated Diblock Copolymer Templates. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 56663-56673.	8.0	9
27	Improving the Switching Capacity of Glyco-Self-Assembled Monolayers on Au(111). <i>Chemistry - A European Journal</i> , 2020, 26, 485-501.	3.3	9
28	Nucleation and Growth of Magnetron-Sputtered Ag Nanoparticles as Witnessed by Time-Resolved Small Angle X-Ray Scattering. <i>Particle and Particle Systems Characterization</i> , 2020, 37, 1900436.	2.3	30
29	Following in Situ the Deposition of Gold Electrodes on Low Band Gap Polymer Films. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 1132-1141.	8.0	10
30	Prospects for microwave plasma synthesized N-graphene in secondary electron emission mitigation applications. <i>Scientific Reports</i> , 2020, 10, 13013.	3.3	14
31	Controlling the flux of reactive species: a case study on thin film deposition in an aniline/argon plasma. <i>Scientific Reports</i> , 2020, 10, 15913.	3.3	2
32	Plasmonic and non-plasmonic contributions on photocatalytic activity of Au-TiO ₂ thin film under mixed UV-visible light. <i>Surface and Coatings Technology</i> , 2020, 389, 125613.	4.8	26
33	PdO nanoparticles decorated TiO ₂ film with enhanced photocatalytic and self-cleaning properties. <i>Materials Today Chemistry</i> , 2020, 16, 100251.	3.5	22
34	Nanoscale gradient copolymer films via single-step deposition from the vapor phase. <i>Materials Today</i> , 2020, 37, 35-42.	14.2	20
35	N-Graphene Nanowalls via Plasma Nitrogen Incorporation and Substitution: The Experimental Evidence. <i>Nano-Micro Letters</i> , 2020, 12, 53.	27.0	65
36	Low-temperature low-power PECVD synthesis of vertically aligned graphene. <i>Nanotechnology</i> , 2020, 31, 395604.	2.6	28

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37	Fabrication of Diazocine-Based Photochromic Organic Thin Films via Initiated Chemical Vapor Deposition. <i>Macromolecules</i> , 2020, 53, 1164-1170.	4.8	12
38	Photodeposition of Au Nanoclusters for Enhanced Photocatalytic Dye Degradation over TiO_2 Thin Film. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 14983-14992.	8.0	75
39	Influence of Cleaning Methods on Resin Bonding to Contaminated Translucent 3Y-TZP ceramic. <i>Journal of Adhesive Dentistry</i> , 2020, 22, 383-391.	0.5	7
40	Antibacterial, highly hydrophobic and semi transparent Ag/plasma polymer nanocomposite coating on cotton fabric obtained by plasma based co-deposition. <i>Cellulose</i> , 2019, 26, 8877-8894.	4.9	34
41	Durability of resin bonding to zirconia ceramic after contamination and the use of various cleaning methods. <i>Dental Materials</i> , 2019, 35, 1388-1396.	3.5	22
42	Correlating Nanostructure, Optical and Electronic Properties of Nanogranular Silver Layers during Polymer-Template-Assisted Sputter Deposition. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 29416-29426.	8.0	37
43	Formation and behavior of negative ions in low pressure aniline-containing RF plasmas. <i>Scientific Reports</i> , 2019, 9, 10886.	3.3	5
44	Pathways to Tailor Photocatalytic Performance of TiO_2 Thin Films Deposited by Reactive Magnetron Sputtering. <i>Materials</i> , 2019, 12, 2840.	2.9	59
45	Ag Nanoparticles Decorated TiO_2 Thin Films with Enhanced Photocatalytic Activity. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2019, 216, 1800898.	1.8	15
46	Superhydrophobic 3D Porous PTFE/ TiO_2 Hybrid Structures. <i>Advanced Materials Interfaces</i> , 2019, 6, 1801967.	3.7	19
47	Ordered Adlayers of a Combined Lateral Switch and Rotor. <i>Journal of Physical Chemistry C</i> , 2019, 123, 13720-13730.	3.1	10
48	Evaporated electret films with superior charge stability based on Teflon AF 2400. <i>Organic Electronics</i> , 2019, 70, 167-171.	2.6	6
49	Cauliflower-like $\text{CeO}_2/\text{TiO}_2$ hybrid nanostructures with extreme photocatalytic and self-cleaning properties. <i>Nanoscale</i> , 2019, 11, 9840-9844.	5.6	24
50	Concept and modelling of memsensors as two terminal devices with enhanced capabilities in neuromorphic engineering. <i>Scientific Reports</i> , 2019, 9, 4361.	3.3	19
51	Long-Range Distance Rate Acceleration by Bulk Gold. <i>Angewandte Chemie</i> , 2019, 131, 6646-6650.	2.0	8
52	The impact of O_2/Ar ratio on morphology and functional properties in reactive sputtering of metal oxide thin films. <i>Nanotechnology</i> , 2019, 30, 235603.	2.6	20
53	Long-Range Distance Rate Acceleration by Bulk Gold. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6574-6578.	13.8	25
54	Superhydrophobic Surfaces: Superhydrophobic 3D Porous PTFE/ TiO_2 Hybrid Structures (Adv. Mater.)	3.7	10

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55	Tunable polytetrafluoroethylene electret films with extraordinary charge stability synthesized by initiated chemical vapor deposition for organic electronics applications. Scientific Reports, 2019, 9, 2237.	3.3	28
56	Diffusive Memristive Switching on the Nanoscale, from Individual Nanoparticles towards Scalable Nanocomposite Devices. Scientific Reports, 2019, 9, 17367.	3.3	23
57	Nanogenerator and piezotronic inspired concepts for energy efficient magnetic field sensors. Nano Energy, 2019, 56, 420-425.	16.0	14
58	A Flexible Oxygenated Carbographite Nanofilamentous Buckypaper as an Amphiphilic Membrane. Advanced Materials Interfaces, 2018, 5, 1800001.	3.7	19
59	Electret films with extremely high charge stability prepared by thermal evaporation of Teflon AF. Organic Electronics, 2018, 57, 146-150.	2.6	21
60	Influence of a Metal Substrate on Small Molecule Activation Mediated by a Surface Adsorbed Complex. Chemistry - A European Journal, 2018, 24, 10732-10744.	3.3	11
61	On-Surface Polymerization of 1,6-Dibromo-3,8-diiodopyrene A Comparative Study on Au(111) Versus Ag(111) by STM, XPS, and NEXAFS. Journal of Physical Chemistry C, 2018, 122, 5967-5977.	3.1	29
62	A comparative study of photocatalysis on highly active columnar TiO ₂ nanostructures in-air and in-solution. Solar Energy Materials and Solar Cells, 2018, 178, 170-178.	6.2	59
63	Carbographite Buckypaper: A Flexible Oxygenated Carbographite Nanofilamentous Buckypaper as an Amphiphilic Membrane (Adv. Mater. Interfaces 8/2018). Advanced Materials Interfaces, 2018, 5, 1870036.	3.7	0
64	(CuO-Cu ₂ O)/ZnO:Al heterojunctions for volatile organic compound detection. Sensors and Actuators B: Chemical, 2018, 255, 1362-1375.	7.8	47
65	Self-organized nanocrack networks: a pathway to enlarge catalytic surface area in sputtered ceramic thin films, showcased for photocatalytic TiO ₂ . Nanotechnology, 2018, 29, 035703.	2.6	20
66	Tuning doping and surface functionalization of columnar oxide films for volatile organic compound sensing: experiments and theory. Journal of Materials Chemistry A, 2018, 6, 23669-23682.	10.3	36
67	Magnetron-sputtered copper nanoparticles: lost in gas aggregation and found by <i>in situ</i> X-ray scattering. Nanoscale, 2018, 10, 18275-18281.	5.6	46
68	Plasma based formation and deposition of metal and metal oxide nanoparticles using a gas aggregation source. European Physical Journal D, 2018, 72, 1.	1.3	29
69	Enhancement of catalytic effect for CNT growth at low temperature by PECVD. Applied Surface Science, 2018, 453, 436-441.	6.1	9
70	Photocatalytic Growth of Hierarchical Au Needle Clusters on Highly Active TiO ₂ Thin Film. Advanced Materials Interfaces, 2018, 5, 1800465.	3.7	21
71	Role of UV Plasmonics in the Photocatalytic Performance of TiO ₂ Decorated with Aluminum Nanoparticles. ACS Applied Nano Materials, 2018, 1, 3760-3764.	5.0	35
72	Hierarchical Structures: Photocatalytic Growth of Hierarchical Au Needle Clusters on Highly Active TiO ₂ Thin Film (Adv. Mater. Interfaces 15/2018). Advanced Materials Interfaces, 2018, 5, 1870074.	3.7	1

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73	Formation of polymer-based nanoparticles and nanocomposites by plasma-assisted deposition methods. <i>European Physical Journal D</i> , 2018, 72, 1.	1.3	8
74	Remote functionalization in surface-assisted dehalogenation by conformational mechanics: organometallic self-assembly of 3,3,5,5-tetrabromo-2,2,4,4,6,6-hexafluorobiphenyl on Ag(111). <i>Nanoscale</i> , 2018, 10, 12035-12044.	5.6	19
75	Efficacy of Plasma Treatment for Decontaminating Zirconia. <i>Journal of Adhesive Dentistry</i> , 2018, 20, 289-297.	0.5	17
76	Role of Sputter Deposition Rate in Tailoring Nanogranular Gold Structures on Polymer Surfaces. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 5629-5637.	8.0	64
77	Single target sputter deposition of alloy nanoparticles with adjustable composition via a gas aggregation cluster source. <i>Nanotechnology</i> , 2017, 28, 175703.	2.6	52
78	Tuning silver ion release properties in reactively sputtered Ag/TiOx nanocomposites. <i>Applied Physics A: Materials Science and Processing</i> , 2017, 123, 1.	2.3	7
79	Ultra-fast degradation of methylene blue by Au/ZnO-CeO2 nano-hybrid catalyst. <i>Materials Letters</i> , 2017, 209, 486-491.	2.6	20
80	Light-induced Conductance Switching in Photomechanically Active Carbon Nanotube-Polymer Composites. <i>Scientific Reports</i> , 2017, 7, 9648.	3.3	11
81	Towards large-scale in free-standing graphene and N-graphene sheets. <i>Scientific Reports</i> , 2017, 7, 10175.	3.3	71
82	Post-Synthetic Decoupling of On-Surface-Synthesized Covalent Nanostructures from Ag(111). <i>Angewandte Chemie - International Edition</i> , 2016, 55, 7650-7654.	13.8	39
83	Frontispiece: Post-Synthetic Decoupling of On-Surface-Synthesized Covalent Nanostructures from Ag(111). <i>Angewandte Chemie - International Edition</i> , 2016, 55, .	13.8	0
84	Modification of a metal nanoparticle beam by a hollow electrode discharge. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2016, 34, 021301.	2.1	2
85	Molecular dynamics simulation of gold cluster growth during sputter deposition. <i>Journal of Applied Physics</i> , 2016, 119, .	2.5	28
86	Controlled synthesis of germanium nanoparticles by nonthermal plasmas. <i>Applied Physics Letters</i> , 2016, 108, .	3.3	12
87	From Au-Thiolate Chains to Thioether Sierpinski Triangles: The Versatile Surface Chemistry of 1,3,5-Tris(4-mercaptophenyl)benzene on Au(111). <i>ACS Nano</i> , 2016, 10, 10901-10911.	14.6	47
88	Enhanced ethanol vapour sensing performances of copper oxide nanocrystals with mixed phases. <i>Sensors and Actuators B: Chemical</i> , 2016, 224, 434-448.	7.8	140
89	Photocatalytic properties of titania thin films prepared by sputtering versus evaporation and aging of induced oxygen vacancy defects. <i>Applied Catalysis B: Environmental</i> , 2016, 180, 362-371.	20.2	54
90	Whey protein hydrolysates reduce autooxidation in microencapsulated long chain polyunsaturated fatty acids. <i>European Journal of Lipid Science and Technology</i> , 2015, 117, 1960-1970.	1.5	36

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91	Real-Time Monitoring of Morphology and Optical Properties during Sputter Deposition for Tailoring Metal–Polymer Interfaces. ACS Applied Materials & Interfaces, 2015, 7, 13547-13556.	8.0	113
92	Biomimetic Transferable Surface for a Real Time Control over Wettability and Photoerasable Writing with Water Drop Lens. Scientific Reports, 2015, 4, 7407.	3.3	11
93	X-ray spectroscopy characterization of azobenzene-functionalized triazatriangulenium adlayers on Au(111) surfaces. Physical Chemistry Chemical Physics, 2015, 17, 17053-17062.	2.8	26
94	Simulation of nanocolumn formation in a plasma environment. Journal of Applied Physics, 2015, 117, 014305.	2.5	7
95	Light-Controlled Conductance Switching in Azobenzene-Containing MWCNT–Polymer Nanocomposites. ACS Applied Materials & Interfaces, 2015, 7, 11257-11262.	8.0	38
96	Quantitative Evaluation of Contamination on Dental Zirconia Ceramic by Silicone Disclosing Agents after Different Cleaning Procedures. Materials, 2015, 8, 2650-2657.	2.9	7
97	Light-induced conductance switching in azobenzene based near-percolated single wall carbon nanotube/polymer composites. Carbon, 2015, 90, 94-101.	10.3	22
98	Microstructural and plasmonic modifications in Ag–TiO ₂ and Au–TiO ₂ nanocomposites through ion beam irradiation. Beilstein Journal of Nanotechnology, 2014, 5, 1419-1431.	2.8	40
99	<i>In situ</i> Raman spectroscopy for growth monitoring of vertically aligned multiwall carbon nanotubes in plasma reactor. Applied Physics Letters, 2014, 105, .	3.3	16
100	Plasmonic tunable metamaterial absorber as ultraviolet protection film. Applied Physics Letters, 2014, 104, .	3.3	95
101	Giant magnetoelectric effect at low frequencies in polymer-based thin film composites. Applied Physics Letters, 2014, 104, .	3.3	48
102	Controlling surface segregation of reactively sputtered Ag/TiO _x nanocomposites. Acta Materialia, 2014, 74, 1-8.	7.9	14
103	Spectroelectrochemical and morphological studies of the ageing of silver nanoparticles embedded in ultra-thin perfluorinated sputter deposited films. Thin Solid Films, 2014, 571, 161-167.	1.8	0
104	Monitoring the reversible photoisomerization of an azobenzene-functionalized molecular triazatriangulene platform on Au(111) by IRRAS. Physical Chemistry Chemical Physics, 2014, 16, 22643-22650.	2.8	50
105	From Benzenetrithiolate Self-Assembly to Copper Sulfide Adlayers on Cu(111): Temperature-Induced Irreversible and Reversible Phase Transitions. Journal of Physical Chemistry C, 2014, 118, 3590-3598.	3.1	4
106	Surface topography and wetting modifications of PEEK for implant applications. Lasers in Medical Science, 2014, 29, 1633-1639.	2.1	45
107	Kinetic Monte Carlo Simulations of Cluster Growth and Diffusion in Metal-Polymer Nanocomposites. Springer Series on Atomic, Optical, and Plasma Physics, 2014, , 321-370.	0.2	4
108	Effect of gold alloying on stability of silver nanoparticles and control of silver ion release from vapor-deposited Ag–Au/polytetrafluoroethylene nanocomposites. Gold Bulletin, 2013, 46, 3-11.	2.4	48

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109	High rate deposition system for metal-cluster/SiO ₂ x C y H z “polymer nanocomposite thin films. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	21
110	Huge increase in gas phase nanoparticle generation by pulsed direct current sputtering in a reactive gas admixture. Applied Physics Letters, 2013, 103, .	3.3	35
111	Huge increase of therapeutic window at a bioactive silver/titania nanocomposite coating surface compared to solution. Materials Science and Engineering C, 2013, 33, 2367-2375.	7.3	14
112	Plasma-polymerized HMDSO coatings to adjust the silver ion release properties of Ag/polymer nanocomposites. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	32
113	Electronic structure, adsorption geometry, and photoswitchability of azobenzene layers adsorbed on layered crystals. Physical Chemistry Chemical Physics, 2013, 15, 20272.	2.8	15
114	Role of oxygen admixture in stabilizing TiO ₂ nanoparticle deposition from a gas aggregation source. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	21
115	Grafting of Functionalized [Fe(III)(salten)] Complexes to Au(111) Surfaces via Thiolate Groups: Surface Spectroscopic Characterization and Comparison of Different Linker Designs. Langmuir, 2013, 29, 8534-8543.	3.5	14
116	Formation of magnetic nanocolumns during vapor phase deposition of a metal-polymer nanocomposite: Experiments and kinetic Monte Carlo simulations. Journal of Applied Physics, 2013, 114, .	2.5	16
117	Surface segregation in TiO ₂ -based nanocomposite thin films. Nanotechnology, 2012, 23, 495701.	2.6	27
118	Influence of reactive gas admixture on transition metal cluster nucleation in a gas aggregation cluster source. Journal of Applied Physics, 2012, 112, .	2.5	44
119	Size dependent characteristics of plasma synthesized carbonaceous nanoparticles. Journal of Applied Physics, 2012, 112, .	2.5	49
120	A critical evaluation of the “3 approach for magnetoelectric nanocomposites with metallic nanoparticles. Journal of Applied Physics, 2012, 112, 044303.	2.5	9
121	Mass Spectrometric Investigations of Nano-Size Cluster Ions Produced by High Pressure Magnetron Sputtering. Contributions To Plasma Physics, 2012, 52, 881-889.	1.1	40
122	Monitoring magnetostriction by a quantum tunnelling strain sensor. Sensors and Actuators A: Physical, 2012, 183, 28-33.	4.1	3
123	Simple method of hybrid PVD/PECVD to prepare well-dispersed cobalt-plasma polymerized hexamethyldisilazane nanocomposites. Surface and Coatings Technology, 2012, 207, 565-570.	4.8	5
124	Highly versatile concept for precise tailoring of nanogranular composites with a gas aggregation cluster source. Applied Physics Letters, 2012, 100, .	3.3	11
125	Tuning of the ion release properties of silver nanoparticles buried under a hydrophobic polymer barrier. Journal of Nanoparticle Research, 2012, 14, 1.	1.9	46
126	Vapor Phase Deposition, Structure, and Plasmonic Properties of Polymer-Based Composites Containing Ag-Cu Bimetallic Nanoparticles. Plasmonics, 2012, 7, 107-114.	3.4	21

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127	Combined in situ electrochemical impedance spectroscopyâ€“UV/Vis and AFM studies of Ag nanoparticle stability in perfluorinated films. <i>Materials Chemistry and Physics</i> , 2012, 134, 302-308.	4.0	6
128	Azobenzene-Containing Triazatriangulenium Adlayers on Au(111): Structural and Spectroscopic Characterization. <i>Langmuir</i> , 2011, 27, 5899-5908.	3.5	53
129	Metal/polymer nanocomposite thin films prepared by plasma polymerization and high pressure magnetron sputtering. <i>Surface and Coatings Technology</i> , 2011, 205, S38-S41.	4.8	25
130	The method of conventional calorimetric probes â€” A short review and application for the characterization of nanocluster sources. <i>Surface and Coatings Technology</i> , 2011, 205, S388-S392.	4.8	20
131	Study of cobalt clusters with very narrow size distribution deposited by high-rate cluster source. <i>Nanotechnology</i> , 2011, 22, 465704.	2.6	23
132	Optical switching behavior of azobenzene/PMMA blends with high chromophore concentration. <i>Journal of Materials Science</i> , 2011, 46, 2488-2494.	3.7	18
133	Morphological and magnetic properties of TiO ₂ /Fe ₅₀ Co ₅₀ composite films. <i>Journal of Materials Science</i> , 2011, 46, 4638-4645.	3.7	6
134	Reversible light-induced capacitance switching of azobenzene ether/PMMA blends. <i>Applied Physics A: Materials Science and Processing</i> , 2011, 102, 421-427.	2.3	10
135	Free volume changes on optical switching in azobenzeneâ€“polymethylmethacrylate blends studied by a pulsed lowâ€“energy positron beam. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2011, 49, 404-408.	2.1	8
136	Uniform Î€â€“System Alignment in Thin Films of Templateâ€“Grown Dicarbitrileâ€“Oligophenyls. <i>Advanced Functional Materials</i> , 2011, 21, 1631-1642.	14.9	32
137	In situ atomic force microscopy studies of reversible light-induced switching of surface roughness and adhesion in azobenzene-containing PMMA films. <i>Applied Surface Science</i> , 2011, 257, 7719-7726.	6.1	7
138	Nanostructural and Functional Properties of Ag-TiO ₂ Coatings Prepared by Co-Sputtering Deposition Technique. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 4893-4899.	0.9	14
139	Preparation and plasmonic properties of polymer-based composites containing Agâ€“Au alloy nanoparticles produced by vapor phase co-deposition. <i>Journal of Materials Science</i> , 2010, 45, 5865-5871.	3.7	47
140	Supramolecular Organization and Chiral Resolution of <i>p</i> -Terphenylâ€“m-Dicarbitrile on the Ag(111) Surface. <i>ChemPhysChem</i> , 2010, 11, 1446-1451.	2.1	29
141	Metalâ€“Polymer Nanocomposites for Functional Applications. <i>Advanced Engineering Materials</i> , 2010, 12, 1177-1190.	3.5	209
142	Anomalous Surface Compositions of Stoichiometric Mixed Oxide Compounds. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 8037-8041.	13.8	41
143	Reversible light-controlled conductance switching of azobenzene-based metal/polymer nanocomposites. <i>Nanotechnology</i> , 2010, 21, 465201.	2.6	27
144	Rational Design of Two-Dimensional Nanoscale Networks by Electrostatic Interactions at Surfaces. <i>ACS Nano</i> , 2010, 4, 1813-1820.	14.6	58

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145	Self-assembled monolayers of benzylmercaptan and para-cyanobenzylmercaptan on gold: surface infrared spectroscopic characterization. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 4390.	2.8	25
146	Formation and material analysis of plasma polymerized carbon nitride nanoparticles. <i>Journal of Applied Physics</i> , 2009, 105, .	2.5	21
147	Tuning of electrical and structural properties of metal-polymer nanocomposite films prepared by co-evaporation technique. <i>Applied Physics A: Materials Science and Processing</i> , 2008, 92, 345-350.	2.3	57
148	Visualizing the Frontier Orbitals of a Conformationally Adapted Metalloporphyrin. <i>ChemPhysChem</i> , 2008, 9, 89-94.	2.1	96
149	Does the Surface Matter? Hydrogen-Bonded Chain Formation of an Oxalic Amide Derivative in a Two- and Three-Dimensional Environment. <i>ChemPhysChem</i> , 2008, 9, 2522-2530.	2.1	32
150	Resolving the depth coordinate in photoelectron spectroscopy – Comparison of excitation energy variation vs. angular-resolved XPS for the analysis of a self-assembled monolayer model system. <i>Surface Science</i> , 2008, 602, 755-767.	1.9	61
151	Metallization of a Thiol-Terminated Organic Surface Using Chemical Vapor Deposition. <i>Langmuir</i> , 2008, 24, 7986-7994.	3.5	23
152	Self-Assembled Monolayers of Benzylmercaptan and <i>p</i> -Cyanobenzylmercaptan on Au(111) Surfaces: Structural and Spectroscopic Characterization. <i>Langmuir</i> , 2008, 24, 5726-5733.	3.5	31
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