

# Mato Knez

## List of Publications by Year in descending order

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136  
papers

8,329  
citations

57631

44  
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48187

88  
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157  
all docs

157  
docs citations

157  
times ranked

10884  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and Surface Engineering of Complex Nanostructures by Atomic Layer Deposition. <i>Advanced Materials</i> , 2007, 19, 3425-3438.	11.1	812
2	Monocrystalline spinel nanotube fabrication based on the Kirkendall effect. <i>Nature Materials</i> , 2006, 5, 627-631.	13.3	699
3	Biotemplate Synthesis of 3-nm Nickel and Cobalt Nanowires. <i>Nano Letters</i> , 2003, 3, 1079-1082.	4.5	397
4	Greatly Increased Toughness of Infiltrated Spider Silk. <i>Science</i> , 2009, 324, 488-492.	6.0	372
5	Influence of Surface Diffusion on the Formation of Hollow Nanostructures Induced by the Kirkendall Effect: The Basic Concept. <i>Nano Letters</i> , 2007, 7, 993-997.	4.5	363
6	Structural analysis and mapping of individual protein complexes by infrared nanospectroscopy. <i>Nature Communications</i> , 2013, 4, 2890.	5.8	319
7	Spatially Selective Nucleation of Metal Clusters on the Tobacco Mosaic Virus. <i>Advanced Functional Materials</i> , 2004, 14, 116-124.	7.8	235
8	Ordered Iron Oxide Nanotube Arrays of Controlled Geometry and Tunable Magnetism by Atomic Layer Deposition. <i>Journal of the American Chemical Society</i> , 2007, 129, 9554-9555.	6.6	232
9	Atomic Layer Deposition on Biological Macromolecules: Metal Oxide Coating of Tobacco Mosaic Virus and Ferritin. <i>Nano Letters</i> , 2006, 6, 1172-1177.	4.5	200
10	Reducing Stress on Cells with Apoferritin-Encapsulated Platinum Nanoparticles. <i>Nano Letters</i> , 2010, 10, 219-223.	4.5	191
11	Progress and future directions for atomic layer deposition and ALD-based chemistry. <i>MRS Bulletin</i> , 2011, 36, 865-871.	1.7	178
12	Ultrasensitive and label-free molecular-level detection enabled by light phase control in magnetoplasmonic nanoantennas. <i>Nature Communications</i> , 2015, 6, 6150.	5.8	172
13	Ferromagnetic nanotubes by atomic layer deposition in anodic alumina membranes. <i>Journal of Applied Physics</i> , 2007, 101, 09J111.	1.1	161
14	Hybrid nanomaterials through molecular and atomic layer deposition: Top down, bottom up, and in-between approaches to new materials. <i>Progress in Materials Science</i> , 2016, 75, 1-37.	16.0	148
15	Enhanced Catalytic Activity for Methanol Electrooxidation of Uniformly Dispersed Nickel Oxide Nanoparticles on Carbon Nanotube Hybrid Materials. <i>Small</i> , 2012, 8, 3390-3395.	5.2	144
16	Copper nanowires within the central channel of tobacco mosaic virus particles. <i>Electrochimica Acta</i> , 2006, 51, 6251-6257.	2.6	123
17	Rayleigh-Instability-Induced Metal Nanoparticle Chains Encapsulated in Nanotubes Produced by Atomic Layer Deposition. <i>Nano Letters</i> , 2008, 8, 114-118.	4.5	118
18	Atomic layer deposition of Al <sub>2</sub> O <sub>3</sub> and TiO <sub>2</sub> multilayers for applications as bandpass filters and antireflection coatings. <i>Applied Optics</i> , 2009, 48, 1727.	2.1	117

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19	Nanostructured Pure Anatase Titania Tubes Replicated from Electrospun Polymer Fiber Templates by Atomic Layer Deposition. <i>Chemistry of Materials</i> , 2008, 20, 3085-3091.	3.2	110
20	Electrochemical modification of individual nano-objects. <i>Journal of Electroanalytical Chemistry</i> , 2002, 522, 70-74.	1.9	105
21	Binding the Tobacco Mosaic Virus to Inorganic Surfaces. <i>Langmuir</i> , 2004, 20, 441-447.	1.6	103
22	Nanoscopic Morphologies in Block Copolymer Nanorods as Templates for Atomic Layer Deposition of Semiconductors. <i>Advanced Materials</i> , 2009, 21, 2763-2766.	11.1	93
23	3D photonic crystal intermediate reflector for micromorph thin film tandem solar cell. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2008, 205, 2796-2810.	0.8	82
24	Influence of Temperature on Evolution of Coaxial ZnO/Al <sub>2</sub> O <sub>3</sub> One-Dimensional Heterostructures: From Core-Shell Nanowires to Spinel Nanotubes and Porous Nanowires. <i>Journal of Physical Chemistry C</i> , 2008, 112, 4068-4074.	1.5	73
25	Improved Mechanical Stability of Dried Collagen Membrane after Metal Infiltration. <i>ACS Applied Materials &amp; Interfaces</i> , 2010, 2, 2436-2441.	4.0	72
26	Nanoporous Nitrogen-Doped Titanium Dioxide with Excellent Photocatalytic Activity under Visible Light Irradiation Produced by Molecular Layer Deposition. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9196-9200.	7.2	72
27	Single-crystalline MgAl <sub>2</sub> O <sub>4</sub> spinel nanotubes using a reactive and removable MgO nanowire template. <i>Nanotechnology</i> , 2006, 17, 5157-5162.	1.3	69
28	Ferritin-mediated siRNA delivery and gene silencing in human tumor and primary cells. <i>Biomaterials</i> , 2016, 98, 143-151.	5.7	65
29	General Assembly Method for Linear Metal Nanoparticle Chains Embedded in Nanotubes. <i>Nano Letters</i> , 2008, 8, 3221-3225.	4.5	60
30	An Alternative Route Towards Metal-Polymer Hybrid Materials Prepared by Vapor-Phase Processing. <i>Advanced Functional Materials</i> , 2011, 21, 3047-3055.	7.8	60
31	Characteristics of Al <sub>2</sub> O <sub>3</sub> /AlInN/GaN MOSHEMT. <i>Electronics Letters</i> , 2007, 43, 691.	0.5	57
32	Preparation and Elastic Properties of Helical Nanotubes Obtained by Atomic Layer Deposition with Carbon Nanocoils as Templates. <i>Small</i> , 2010, 6, 910-914.	5.2	57
33	Low-temperature ZnO atomic layer deposition on biotemplates: flexible photocatalytic ZnO structures from eggshell membranes. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 3608.	1.3	56
34	Tuning the Tensile Strength of Cellulose through Vapor-Phase Metalation. <i>Chemistry of Materials</i> , 2015, 27, 181-188.	3.2	55
35	Hierarchical Three-Dimensional ZnO and Their Shape-Preserving Transformation into Hollow ZnAl <sub>2</sub> O <sub>4</sub> Nanostructures. <i>Chemistry of Materials</i> , 2008, 20, 3487-3494.	3.2	54
36	Efficient and controllable vapor to solid doping of the polythiophene P3HT by low temperature vapor phase infiltration. <i>Journal of Materials Chemistry C</i> , 2017, 5, 2686-2694.	2.7	54

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37	Porous Fe <sub>2</sub> O <sub>3</sub> nanotubes with $\hat{I}^{\pm}\hat{I}^3$ phase junction for enhanced charge separation and photocatalytic property produced by molecular layer deposition. Applied Catalysis B: Environmental, 2019, 248, 218-225.	10.8	54
38	Black silicon with controllable macropore array for enhanced photoelectrochemical performance. Applied Physics Letters, 2012, 101, .	1.5	51
39	Ferritin light-chain subunits: key elements for the electron transfer across the protein cage. Chemical Communications, 2014, 50, 15358-15361.	2.2	50
40	H $\hat{a}$ €Chain Ferritin: A Natural Nuclei Targeting and Bioactive Delivery Nanovector. Advanced Healthcare Materials, 2015, 4, 1305-1310.	3.9	50
41	Suppressing the Thermal and Ultraviolet Sensitivity of Kevlar by Infiltration and Hybridization with ZnO. Chemistry of Materials, 2017, 29, 10068-10074.	3.2	50
42	Diffusion $\hat{a}$ €Facilitated Fabrication of Gold $\hat{a}$ €Decorated Zn <sub>2</sub> SiO <sub>4</sub> Nanotubes by a One $\hat{a}$ €Step Solid $\hat{a}$ €State Reaction. Angewandte Chemie - International Edition, 2010, 49, 1442-1446.	7.2	48
43	Theoretical and Experimental Analysis of the Sensitivity of Guided Mode Resonance Sensors. Journal of Physical Chemistry C, 2010, 114, 21150-21157.	1.5	48
44	Unexpected Oxidation Behavior of Cu Nanoparticles Embedded in Porous Alumina Films Produced by Molecular Layer Deposition. Nano Letters, 2011, 11, 2503-2509.	4.5	48
45	Novel Three $\hat{a}$ €Dimensional Nanoporous Alumina as a Template for Hierarchical TiO <sub>2</sub> Nanotube Arrays. Small, 2013, 9, 1025-1029.	5.2	42
46	Chemical Infiltration during Atomic Layer Deposition: Metalation of Porphyrins as Model Substrates. Angewandte Chemie - International Edition, 2009, 48, 4982-4985.	7.2	41
47	Unexpected Long-Term Instability of ZnO Nanowires $\hat{a}$ €Protected $\hat{a}$ €by a TiO <sub>2</sub> Shell. Journal of the American Chemical Society, 2009, 131, 13920-13921.	6.6	40
48	Tunable Guided $\hat{a}$ €Mode Resonance Grating Filter. Advanced Functional Materials, 2010, 20, 2053-2062.	7.8	40
49	Multilayer Fresnel zone plate for soft X-ray microscopy resolves sub-39 nm structures. Ultramicroscopy, 2011, 111, 1706-1711.	0.8	40
50	Iridium wire grid polarizer fabricated using atomic layer deposition. Nanoscale Research Letters, 2011, 6, 558.	3.1	40
51	Metal Infiltration into Biomaterials by ALD and CVD: A Comparative Study. ChemPhysChem, 2011, 12, 791-798.	1.0	40
52	Recent Progress on Conductive Metal $\hat{a}$ €Organic Framework Films. Advanced Materials Interfaces, 2021, 8, 2002151.	1.9	37
53	Functionalization of Defect Sites in Graphene with RuO <sub>2</sub> for High Capacitive Performance. ACS Applied Materials & Interfaces, 2015, 7, 20513-20519.	4.0	36
54	Printing and Aligning Mesoscale Patterns of Tobacco mosaic virus on Surfaces. Advanced Materials, 2008, 20, 2195-2200.	11.1	35

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55	Reversible and Irreversible Reactions of Trimethylaluminum with Common Organic Functional Groups as a Model for Molecular Layer Deposition and Vapor Phase Infiltration. <i>Advanced Materials Interfaces</i> , 2017, 4, 1700237.	1.9	34
56	Transmission Electron Microscopy in situ Fabrication of ZnO/Al <sub>2</sub> O <sub>3</sub> Composite Nanotubes by Electron-Beam-Irradiation-Induced Local Etching of ZnO/Al <sub>2</sub> O <sub>3</sub> Core/Shell Nanowires. <i>Small</i> , 2008, 4, 2112-2117.	5.2	32
57	Tuning the Conductivity of Polyaniline through Doping by Means of Single Precursor Vapor Phase Infiltration. <i>Advanced Materials Interfaces</i> , 2017, 4, 1600806.	1.9	32
58	Atomic layer deposition of metal fluorides through oxide chemistry. <i>Journal of Materials Chemistry</i> , 2011, 21, 14461.	6.7	31
59	Atomic Layer Deposition Assisted Template Approach for Electrochemical Synthesis of Au Crescent-Shaped Half-Nanotubes. <i>ACS Nano</i> , 2011, 5, 788-794.	7.3	31
60	In Situ Raman Spectroscopic Study of Al-Infiltrated Spider Dragline Silk under Tensile Deformation. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 16827-16834.	4.0	31
61	Receptor-Mediated Cellular Uptake of Nanoparticles: A Switchable Delivery System. <i>Small</i> , 2011, 7, 1538-1541.	5.2	30
62	Conductive Polymer-Inorganic Hybrid Materials through Synergistic Mutual Doping of the Constituents. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 27964-27971.	4.0	30
63	Comparison of two endogenous delivery agents in cancer therapy: Exosomes and ferritin. <i>Pharmacological Research</i> , 2016, 110, 1-9.	3.1	28
64	Vapor phase processing: a novel approach for fabricating functional hybrid materials. <i>Nanotechnology</i> , 2020, 31, 342001.	1.3	28
65	Synthesis and optical properties of ZnO and carbon nanotube based coaxial heterostructures. <i>Applied Physics Letters</i> , 2008, 93, 103108.	1.5	27
66	Tuning, inhibiting and restoring the enzyme mimetic activities of Pt-apoferritin. <i>Chemical Communications</i> , 2014, 50, 701-703.	2.2	27
67	Formation of Titania/Silica Hybrid Nanowires Containing Linear Mesocage Arrays by Evaporation-Induced Block-Copolymer Self-Assembly and Atomic Layer Deposition. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 6829-6832.	7.2	26
68	Semi-artificial and bioactive ferroxidase with nanoparticles as the active sites. <i>Chemical Communications</i> , 2014, 50, 8021-8023.	2.2	26
69	Vapor phase infiltration: from a bioinspired process to technologic application, a prospective review. <i>MRS Communications</i> , 2018, 8, 727-741.	0.8	26
70	Nanoscale Patterning of Organosilane Molecular Thin Films from the Gas Phase and Its Applications: Fabrication of Multifunctional Surfaces and Large Area Molecular Templates for Site-Selective Material Deposition. <i>Langmuir</i> , 2012, 28, 3045-3052.	1.6	25
71	Design of active and stable oxygen reduction reaction catalysts by embedding Co x O y nanoparticles into nitrogen-doped carbon. <i>Nano Research</i> , 2017, 10, 97-107.	5.8	25
72	All dielectric hard x-ray mirror by atomic layer deposition. <i>Applied Physics Letters</i> , 2009, 94, .	1.5	24

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73	Efficient focusing of 8 keV X-rays with multilayer Fresnel zone plates fabricated by atomic layer deposition and focused ion beam milling. <i>Journal of Synchrotron Radiation</i> , 2013, 20, 433-440.	1.0	24
74	Structure-Based Color of Natural Petals Discriminated by Polymer Replication. <i>ACS Applied Materials &amp; Interfaces</i> , 2011, 3, 30-34.	4.0	23
75	Diffusion phenomena in atomic layer deposition. <i>Semiconductor Science and Technology</i> , 2012, 27, 074001.	1.0	22
76	High aspect ratio deep UV wire grid polarizer fabricated by double patterning. <i>Microelectronic Engineering</i> , 2012, 98, 433-435.	1.1	22
77	Laponite-Based Surfaces with Holistic Self-Cleaning Functionality by Combining Antistatics and Omniphobicity. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 39078-39085.	4.0	22
78	Ferromagnetic Nanostructures by Atomic Layer Deposition: From Thin Films Towards Core-Shell Nanotubes. <i>ECS Transactions</i> , 2007, 11, 139-148.	0.3	21
79	TiO <sub>2</sub> microstructures by inversion of macroporous silicon using atomic layer deposition. <i>Applied Physics A: Materials Science and Processing</i> , 2008, 93, 399-403.	1.1	21
80	Titania Nanostructures Fabricated by Atomic Layer Deposition Using Spherical Protein Cages. <i>Langmuir</i> , 2009, 25, 13284-13289.	1.6	21
81	Omniphobic Etched Aluminum Surfaces with Anti-Icing Ability. <i>Langmuir</i> , 2020, 36, 10916-10922.	1.6	21
82	Multilayer Fresnel zone plates for high energy radiation resolve 21 nm features at 12 keV. <i>Optics Express</i> , 2014, 22, 18440.	1.7	20
83	Imidazole-Grafted Nanogels for the Fabrication of Organic-Inorganic Protein Hybrids. <i>Advanced Functional Materials</i> , 2018, 28, 1803115.	7.8	20
84	Preparation and magnetoviscosity of nanotube ferrofluids by viral scaffolding and ALD on porous templates. <i>Physica Status Solidi (B): Basic Research</i> , 2010, 247, 2412-2423.	0.7	19
85	Ultrathin Hybrid SiAlCOH Dielectric Films through Ring-Opening Molecular Layer Deposition of Cyclic Tetrasiloxane. <i>Chemistry of Materials</i> , 2021, 33, 1022-1030.	3.2	17
86	A Novel Fabrication Technique for MEMS Based on Agglomeration of Powder by ALD. <i>Journal of Microelectromechanical Systems</i> , 2017, 26, 1093-1098.	1.7	16
87	Carrierless Immobilization Route for Highly Robust Metal-Organic Hybrid Enzymes. <i>ACS Omega</i> , 2019, 4, 5172-5179.	1.6	15
88	Single phase ZnO submicrotubes as a replica of electrospun polymer fiber template by atomic layer deposition. <i>Thin Solid Films</i> , 2014, 562, 291-298.	0.8	14
89	Nanoconfined (Bio)Catalysts as Efficient Glucose-Responsive Nanoreactors. <i>Advanced Functional Materials</i> , 2020, 30, 2002990.	7.8	14
90	SCIP: a new simultaneous vapor phase coating and infiltration process for tougher and UV-resistant polymer fibers. <i>RSC Advances</i> , 2020, 10, 15976-15982.	1.7	14

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91	Bottom-Up Tailoring of Plasmonic Nanopods Making Use of the Periodical Topography of Carbon Nanocoil Templates. <i>Advanced Functional Materials</i> , 2012, 22, 5157-5165.	7.8	13
92	Control of Stepwise Hg <sup>2+</sup> Reduction on Gold to Selectively Tune its Peroxidase and Catalase-Like Activities and the Mechanism. <i>Advanced Materials Interfaces</i> , 2021, 8, 2100086.	1.9	13
93	Boomerang-shaped VO <sub>x</sub> belts: Twinning within isolated nanocrystals. <i>Applied Physics A: Materials Science and Processing</i> , 2004, 78, 527-529.	1.1	11
94	Flexible Replication Technique for High Aspect Ratio Nanostructures. <i>Small</i> , 2010, 6, 2701-2707.	5.2	11
95	Ligand-induced reduction concerted with coating by atomic layer deposition on the example of TiO <sub>2</sub> -coated magnetite nanoparticles. <i>Chemical Science</i> , 2019, 10, 2171-2178.	3.7	11
96	Bottom-Up Synthesis and Top-Down Organisation of Semiconductor and Metal Clusters on Surfaces. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 3717-3728.	1.0	10
97	Viruses show their good side. <i>Nature Nanotechnology</i> , 2006, 1, 22-23.	15.6	9
98	One-transistor one-resistor (1T1R) cell for large-area electronics. <i>Applied Physics Letters</i> , 2018, 113, .	1.5	9
99	“Sandwich”-like hybrid ZnO thin films produced by a combination of atomic layer deposition and wet-chemistry using a mercapto silane as single organic precursor. <i>Nanotechnology</i> , 2020, 31, 185603.	1.3	9
100	Barrier layer downscaling of InAlN/GaN HEMTs. <i>Device Research Conference, IEEE Annual</i> , 2007, , .	0.0	8
101	Introducing the concept of pulsed vapor phase copper-free surface click-chemistry using the ALD technique. <i>Chemical Communications</i> , 2019, 55, 3109-3112.	2.2	8
102	Molecular layer deposition of hybrid siloxane thin films by ring opening of cyclic trisiloxane (V <sub>3</sub> D <sub>3</sub> ) and azasilane. <i>Chemical Communications</i> , 2020, 56, 8778-8781.	2.2	8
103	High-resolution high-efficiency multilayer Fresnel zone plates for soft and hard x-rays. <i>Proceedings of SPIE</i> , 2015, , .	0.8	7
104	Radical-triggered cross-linking for molecular layer deposition of SiAlCOH hybrid thin films. <i>Chemical Communications</i> , 2021, 57, 2160-2163.	2.2	7
105	Amorphous AlN films grown by ALD from trimethylaluminum and monomethylhydrazine. <i>Dalton Transactions</i> , 2021, 50, 15062-15070.	1.6	7
106	Controlled Atomic Layer Deposition of Aluminum Oxide to Improve the Performance of Lithium-Sulfur Batteries. <i>Energy Technology</i> , 2020, 8, 1901432.	1.8	7
107	Formation of Metal Oxide Nanotubes in Neutral Aqueous Solution Based on a Photocatalytic Effect. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 210-212.	7.2	6
108	Coupling Enzymes and Inorganic Piezoelectric Materials for Electricity Production from Renewable Fuels. <i>ACS Applied Energy Materials</i> , 2018, 1, 2032-2040.	2.5	6

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109	In-situ multi-step pulsed vapor phase surface functionalization of zirconia nanoparticles via copper-free click chemistry. Applied Surface Science, 2021, 539, 148254.	3.1	6
110	Atomic Layer Deposition on Biological Macromolecules. ECS Transactions, 2007, 3, 219-225.	0.3	5
111	Atomic layer deposition of iridium thin films and their application in gold electrodeposition. Proceedings of SPIE, 2011, , .	0.8	5
112	Highly reflective polymeric substrates functionalized utilizing atomic layer deposition. Applied Physics Letters, 2015, 107, .	1.5	5
113	AZO Embedded Interdigitated Electrodes for Monitoring Stimuli Responsive Materials. Advanced Functional Materials, 2018, 28, 1803127.	7.8	5
114	Building organosilica hybrid nanohemispheres via thiol-ene click reaction on alumina thin films deposited by atomic layer deposition (ALD). Journal of Colloid and Interface Science, 2020, 560, 303-311.	5.0	5
115	ALD coating of centrifugally spun polymeric fibers and postannealing: case study for nanotubular TiO <sub>2</sub> photocatalyst. Nanoscale Advances, 2021, 3, 4589-4596.	2.2	5
116	Entropy-driven Self-healing of Metal Oxides Assisted By Polymer-organic Hybrid Materials. Advanced Materials, 0, , 2202989.	11.1	5
117	Three-dimensional photonic crystals as intermediate filter for thin-film tandem solar cells. , 2008, , .		4
118	Immobilization of Apoferritin-templated Seeds for Si Nanowire Growth. Chemical Vapor Deposition, 2011, 17, 149-154.	1.4	4
119	Recent advances in use of atomic layer deposition and focused ion beams for fabrication of Fresnel zone plates for hard x-rays. , 2013, , .		4
120	Particle atomic layer deposition as an effective way to enhance Li-S battery energy density. Materials Today Energy, 2020, 18, 100567.	2.5	4
121	Facile Fabrication of Gold Nanorods@Polystyrenesulfonate Yolk-shell Nanoparticles for Spaser Applications. ACS Applied Nano Materials, 2022, 5, 4629-4633.	2.4	4
122	Lasing Spaser in Photonic Crystals. ACS Omega, 2021, 6, 4417-4422.	1.6	3
123	Biocompatible Silicon-Based Hybrid Nanolayers for Functionalization of Complex Surface Morphologies. ACS Applied Nano Materials, 2022, 5, 2762-2768.	2.4	3
124	Electric transport in 3D photonic crystal intermediate reflectors for micromorph thin-film tandem solar cells. Proceedings of SPIE, 2009, , .	0.8	2
125	Atomic Layer Deposition for Biomimicry. , 2013, , 399-428.		2
126	Hierarchical Structures: Novel Three-dimensional Nanoporous Alumina as a Template for Hierarchical TiO <sub>2</sub> Nanotube Arrays (Small 7/2013). Small, 2013, 9, 1120-1120.	5.2	1



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127	Multilayer Fresnel Zone Plates for X-ray Microscopy. <i>Microscopy and Microanalysis</i> , 2015, 21, 1987-1988.	0.2	1
128	Herstellung von Nanostrukturen mittels Atomlagenabscheidung. <i>Chemie-Ingenieur-Technik</i> , 2008, 80, 1719-1724.	0.4	0
129	Selected Applications of Atomic Layer Deposition Dielectric Nanolaminates as Functional Optical Coatings. , 2009, , .		0
130	Hybrid Materials: An Alternative Route Towards Metal-Polymer Hybrid Materials Prepared by Vapor-Phase Processing ( <i>Adv. Funct. Mater.</i> 16/2011). <i>Advanced Functional Materials</i> , 2011, 21, 3002-3002.	7.8	0
131	Waveguides: Bottom-Up Tailoring of Plasmonic Nanopods Making Use of the Periodical Topography of Carbon Nanocoil Templates ( <i>Adv. Funct. Mater.</i> 24/2012). <i>Advanced Functional Materials</i> , 2012, 22, 5284-5284.	7.8	0
132	Hybrid Materials: Enhanced Catalytic Activity for Methanol Electrooxidation of Uniformly Dispersed Nickel Oxide Nanoparticles-Carbon Nanotube Hybrid Materials ( <i>Small</i> 22/2012). <i>Small</i> , 2012, 8, 3540-3540.	5.2	0
133	Tuning of optical properties by atomic layer deposition. , 2013, , .		0
134	Preface: <i>physica status solidi (c)</i> 7/2015. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2015, 12, 853-855.	0.8	0
135	Advanced Oxide Materials - Growth, Application, Characterization. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2018, 215, 1800546.	0.8	0
136	Guided Mode Resonance Sensors for the Monitoring of Film Growth in Atomic Layer Deposition. , 2011, , .		0