

# Cengiz A-zkan

## List of Publications by Year in descending order

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147  
papers

5,051  
citations

109264

35  
h-index

95218

68  
g-index

306  
all docs

306  
docs citations

306  
times ranked

8969  
citing authors

#	ARTICLE	IF	CITATIONS
1	Robust Nanocapacitors Based on Wafer-Scale Single-Crystal Hexagonal Boron Nitride Monolayer Films. <i>ACS Applied Nano Materials</i> , 2021, 4, 5685-5695.	2.4	5
2	Suppression of the Shuttle Effect in Li-S Batteries via Magnetron Sputtered TiO <sub>2</sub> Thin Film at the Electrode-Electrolyte Interface. <i>ACS Applied Energy Materials</i> , 2020, 3, 1515-1529.	2.5	19
3	Novel Survivin Peptides Screened With Computer Algorithm Induce Cytotoxic T Lymphocytes With Higher Cytotoxic Efficiency to Cancer Cells. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 570003.	1.6	6
4	Upcycling of polyethylene terephthalate plastic waste to microporous carbon structure for energy storage. <i>Energy Storage</i> , 2020, 2, e201.	2.3	29
5	State-of-health prediction for lithium-ion batteries via electrochemical impedance spectroscopy and artificial neural networks. <i>Energy Storage</i> , 2020, 2, e186.	2.3	27
6	Beyond cell parameters: Exploiting cell operation towards optimizing the SEI and suppressing dendrite growth on lithium metal anodes. <i>Energy Storage</i> , 2020, 2, e188.	2.3	0
7	Growth of High-Quality Hexagonal Boron Nitride Single-Layer Films on Carburized Ni Substrates for Metal-Insulator-Metal Tunneling Devices. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 35318-35327.	4.0	7
8	Scalable coral-like silicon powders with three-dimensional interconnected structures for lithium ion battery anodes. <i>Energy Storage</i> , 2020, 2, e187.	2.3	4
9	Adaptive fast charging methodology for commercial Li-ion batteries based on the internal resistance spectrum. <i>Energy Storage</i> , 2020, 2, e141.	2.3	21
10	Tumor growth inhibition by mSTEAP peptide nanovaccine inducing augmented CD8+ T cell immune responses. <i>Drug Delivery and Translational Research</i> , 2019, 9, 1095-1105.	3.0	16
11	Scaling sorbent materials for real oil-sorbing applications and environmental disasters. <i>MRS Energy &amp; Sustainability</i> , 2019, 6, 1.	1.3	10
12	Bundled and dispersed carbon nanotube assemblies on graphite superstructures as free-standing lithium-ion battery anodes. <i>Carbon</i> , 2019, 142, 238-244.	5.4	40
13	High-Potential Metalless Nanocarbon Foam Supercapacitors Operating in Aqueous Electrolyte. <i>Small</i> , 2018, 14, e1702444.	5.2	11
14	Chemical vapor deposition and phase stability of pyrite on SiO <sub>2</sub> . <i>Journal of Materials Chemistry C</i> , 2018, 6, 4753-4759.	2.7	9
15	Plateau targeted conditioning: An additive-free approach towards robust SEI formation in Li-S batteries for enhanced capacity and cycle life. <i>Nano Energy</i> , 2018, 49, 498-507.	8.2	20
16	Raman investigation of the air stability of 2H polytype HfSe <sub>2</sub> thin films. <i>MRS Communications</i> , 2018, 8, 1191-1196.	0.8	17
17	Improved electrochemical performance of LiCoO <sub>2</sub> electrodes for high-voltage operations by Ag thin film coating via magnetron sputtering. <i>MRS Advances</i> , 2018, 3, 3513-3518.	0.5	7
18	Strain Gated Bilayer Molybdenum Disulfide Field Effect Transistor with Edge Contacts. <i>Scientific Reports</i> , 2017, 7, 41593.	1.6	17

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19	Silicon Derived from Glass Bottles as Anode Materials for Lithium Ion Full Cell Batteries. Scientific Reports, 2017, 7, 917.	1.6	47
20	Silicon/polypyrrole nanocomposite wrapped with graphene for lithium ion anodes. MRS Advances, 2017, 2, 3323-3327.	0.5	2
21	Silicon and Carbon Nanocomposite Spheres with Enhanced Electrochemical Performance for Full Cell Lithium Ion Batteries. Scientific Reports, 2017, 7, 44838.	1.6	61
22	Effect of intermittent oxygen exposure on chemical vapor deposition of graphene. MRS Communications, 2017, 7, 826-831.	0.8	4
23	Kinetics and electrochemical evolution of binary silicon-polymer systems for lithium ion batteries. RSC Advances, 2017, 7, 36541-36549.	1.7	30
24	Chelant Enhanced Solution Processing for Wafer Scale Synthesis of Transition Metal Dichalcogenide Thin Films. Scientific Reports, 2017, 7, 6419.	1.6	20
25	Advanced Sulfur-Silicon Full Cell Architecture for Lithium Ion Batteries. Scientific Reports, 2017, 7, 17264.	1.6	20
26	Chemical vapor deposition of partially oxidized graphene. RSC Advances, 2017, 7, 32209-32215.	1.7	4
27	Facile and Scalable Synthesis of Copolymer-Sulfur Composites as Cathodes for High Performance Lithium-Sulfur Batteries. MRS Advances, 2017, 2, 3271-3276.	0.5	9
28	A Study of Diffusion in Lithium-ion Electrodes Under Fast Charging Using Electrochemical Impedance Spectroscopy. MRS Advances, 2017, 2, 3309-3315.	0.5	3
29	Graphene/Ni Wire Foam with Multivalent Manganese Oxide Catalysts for Li-O <sub>2</sub> Battery Cathode. MRS Advances, 2017, 2, 3403-3407.	0.5	1
30	Facile Synthesis of Nickel Nanofoam Architectures for Applications in Li-Ion Batteries. Energy Technology, 2017, 5, 422-427.	1.8	12
31	Structural and Compositional Characterization of Fungus-Derived Pyrolytic Carbon Architectures. Advances in Materials Science and Engineering, 2016, 2016, 1-8.	1.0	2
32	Phase Engineering of 2D Tin Sulfides. Small, 2016, 12, 2998-3004.	5.2	51
33	Making one-dimensional electrical contacts to molybdenum disulfide-based heterostructures through plasma etching. Physica Status Solidi (A) Applications and Materials Science, 2016, 213, 1358-1364.	0.8	32
34	Facile Synthesis and Characterization of Two Dimensional Layered Tin Disulfide Nanowalls. Journal of Electronic Materials, 2016, 45, 2115-2120.	1.0	4
35	Towards flexible binderless anodes: silicon/carbon fabrics via double-nozzle electrospinning. Chemical Communications, 2016, 52, 11398-11401.	2.2	52
36	High energy and power density Li-O <sub>2</sub> battery cathodes based on amorphous RuO <sub>2</sub> loaded carbon free and binderless nickel nanofoam architectures. RSC Advances, 2016, 6, 81712-81718.	1.7	25

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37	Two-Dimensional Layered Semiconductor Tungsten Disulfide and Molybdenum-Tungsten Disulfide: Synthesis, Materials Properties and Electronic Structure. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 8419-8423.	0.9	2
38	Toxicology Study of Single-walled Carbon Nanotubes and Reduced Graphene Oxide in Human Sperm. <i>Scientific Reports</i> , 2016, 6, 30270.	1.6	49
39	Template Free and Binderless NiO Nanowire Foam for Li-ion Battery Anodes with Long Cycle Life and Ultrahigh Rate Capability. <i>Scientific Reports</i> , 2016, 6, 29183.	1.6	54
40	Carbon-Coated, Diatomite-Derived Nanosilicon as a High Rate Capable Li-ion Battery Anode. <i>Scientific Reports</i> , 2016, 6, 33050.	1.6	53
41	Scalable Multifunctional Ultra-thin Graphite Sponge: Free-standing, Superporous, Superhydrophobic, Oleophilic Architecture with Ferromagnetic Properties for Environmental Cleaning. <i>Scientific Reports</i> , 2016, 6, 21858.	1.6	13
42	Large area synthesis, characterization, and anisotropic etching of two dimensional tungsten disulfide films. <i>Materials Chemistry and Physics</i> , 2016, 176, 52-57.	2.0	10
43	Scalable, Binderless, and Carbonless Hierarchical Ni Nanodendrite Foam Decorated with Hydrous Ruthenium Dioxide for 1.6 V Symmetric Supercapacitors. <i>Advanced Materials Interfaces</i> , 2016, 3, 1500503.	1.9	22
44	Fundamentals of lateral and vertical heterojunctions of atomically thin materials. <i>Nanoscale</i> , 2016, 8, 3870-3887.	2.8	117
45	Ultrafast high energy supercapacitors based on pillared graphene nanostructures. <i>Journal of Materials Chemistry A</i> , 2016, 4, 3356-3361.	5.2	22
46	Bio-Derived, Binderless, Hierarchically Porous Carbon Anodes for Li-ion Batteries. <i>Scientific Reports</i> , 2015, 5, 14575.	1.6	99
47	Two step growth phenomena of molybdenum disulfide-tungsten disulfide heterostructures. <i>Chemical Communications</i> , 2015, 51, 11213-11216.	2.2	21
48	Towards Scalable Binderless Electrodes: Carbon Coated Silicon Nanofiber Paper via Mg Reduction of Electrospun SiO <sub>2</sub> Nanofibers. <i>Scientific Reports</i> , 2015, 5, 8246.	1.6	69
49	Improved functionality of graphene and carbon nanotube hybrid foam architecture by UV-ozone treatment. <i>Nanoscale</i> , 2015, 7, 7045-7050.	2.8	25
50	Monodisperse Porous Silicon Spheres as Anode Materials for Lithium Ion Batteries. <i>Scientific Reports</i> , 2015, 5, 8781.	1.6	116
51	Free-standing Ni-NiO nanofiber cloth anode for high capacity and high rate Li-ion batteries. <i>Nano Energy</i> , 2015, 18, 47-56.	8.2	53
52	Pillared graphene and silicon nanocomposite architecture for anodes of lithium ion batteries. <i>Proceedings of SPIE</i> , 2014, , .	0.8	0
53	Silicon Decorated Cone Shaped Carbon Nanotube Clusters for Lithium Ion Battery Anodes. <i>Small</i> , 2014, 10, 3389-3396.	5.2	65
54	Hybrid carbon nanotube and graphene nanostructures for lithium ion battery anodes. <i>Nano Energy</i> , 2014, 3, 113-118.	8.2	103

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55	Synthesis, characterization, and electronic structure of few-layer MoSe <sub>2</sub> granular films. Physica Status Solidi (A) Applications and Materials Science, 2014, 211, 2671-2676.	0.8	13
56	Wafer Scale Synthesis and High Resolution Structural Characterization of Atomically Thin MoS <sub>2</sub> Layers. Advanced Functional Materials, 2014, 24, 7461-7466.	7.8	102
57	Synthesis of Atomically Thin $\{f MoS\}_2$ Triangles and Hexagams and Their Electrical Transport Properties. IEEE Nanotechnology Magazine, 2014, 13, 749-754.	1.1	21
58	Oxygen etching of thick MoS <sub>2</sub> films. Chemical Communications, 2014, 50, 11226-11229.	2.2	54
59	Stable Cycling of SiO <sub>2</sub> Nanotubes as High-Performance Anodes for Lithium-Ion Batteries. Scientific Reports, 2014, 4, 4605.	1.6	179
60	Hydrous Ruthenium Oxide Nanoparticles Anchored to Graphene and Carbon Nanotube Hybrid Foam for Supercapacitors. Scientific Reports, 2014, 4, 4452.	1.6	424
61	Scalable Synthesis of Nano-Silicon from Beach Sand for Long Cycle Life Li-ion Batteries. Scientific Reports, 2014, 4, 5623.	1.6	179
62	Silicon Oxide Contamination of Graphene Sheets Synthesized on Copper Substrates via Chemical Vapor Deposition. Advanced Science, Engineering and Medicine, 2014, 6, 1070-1075.	0.3	17
63	Assembled graphene oxide and single-walled carbon nanotube ink for stable supercapacitors. Journal of Materials Research, 2013, 28, 918-926.	1.2	37
64	Nanomedicine and the Nose. , 2013, , 589-597.		0
65	Chrysanthemum like carbon nanofiber foam architectures for supercapacitors. Journal of Materials Research, 2013, 28, 912-917.	1.2	16
66	Intertwined Nanocarbon and Manganese Oxide Hybrid Foam for High Energy Supercapacitors. Small, 2013, 9, 3714-3721.	5.2	52
67	Synchronous chemical vapor deposition of large-area hybrid graphene-carbon nanotube architectures. Journal of Materials Research, 2013, 28, 958-968.	1.2	15
68	Three dimensional few layer graphene and carbon nanotube foam architectures for high fidelity supercapacitors. Nano Energy, 2013, 2, 294-303.	8.2	259
69	Photoinduced Electron Transfer Between Pyridine Coated Cadmium Selenide Quantum Dots and Single Sheet Graphene. Advanced Functional Materials, 2013, 23, 5199-5211.	7.8	57
70	Nanoparticles for Imaging and Therapy: Functionalization, Endocytosis and Characterization. Regenerative Medicine, Artificial Cells and Nanomedicine, 2013, , 355-380.	0.7	2
71	Block Copolymer Assisted Fabrication of Graphene/Carbon Nanotube Hybrid Architectures and Their Application in Supercapacitors. Materials Research Society Symposia Proceedings, 2012, 1440, 43.	0.1	0
72	Graphene Metrology Using Fluorescence Quenching of Different Fluorescent Dyes. Materials Research Society Symposia Proceedings, 2012, 1451, 51-56.	0.1	1

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73	Synthesis of Three Dimensional Carbon Nanostructure Foams for Supercapacitors. Materials Research Society Symposia Proceedings, 2012, 1451, 85-90.	0.1	0
74	MnO <sub>2</sub> Decorated Three Dimensional Graphene Heterostructures for Supercapacitor Electrodes. Materials Research Society Symposia Proceedings, 2012, 1451, 63-68.	0.1	1
75	Fabrication and Surface Morphology of YBCO Superconducting Thin films on STO Buffered Si Substrates. Materials Research Society Symposia Proceedings, 2012, 1454, 129-134.	0.1	0
76	Effects of Process Tube Position on Properties of Graphene Layers. Materials Research Society Symposia Proceedings, 2012, 1451, 57-62.	0.1	2
77	Large-area Metrology of CVD-grown Graphene Layers on Copper Foil Substrates. Materials Research Society Symposia Proceedings, 2012, 1451, 45-49.	0.1	0
78	Hybrid Low Resistance Ultracapacitor Electrodes Based on 1-Pyrenebutyric Acid Functionalized Centimeter-Scale Graphene Sheets. Journal of Nanoscience and Nanotechnology, 2012, 12, 6913-6920.	0.9	24
79	Supercapacitors Based on Pillared Graphene Nanostructures. Journal of Nanoscience and Nanotechnology, 2012, 12, 1770-1775.	0.9	31
80	Surface Characterization: Non-Invasive High-Throughput Metrology of Functionalized Graphene Sheets (Adv. Funct. Mater. 21/2012). Advanced Functional Materials, 2012, 22, 4402-4402.	7.8	0
81	Non-Invasive High-Throughput Metrology of Functionalized Graphene Sheets. Advanced Functional Materials, 2012, 22, 4519-4525.	7.8	13
82	Transmission Near-Field Scanning Optical Microscopy Investigation on Cellular Uptake Behavior of Iron Oxide Nanoparticles. BioNanoScience, 2012, 2, 135-143.	1.5	3
83	Tuning Electron Transport in Graphene-Based Field-Effect Devices using Block Copolymers. Small, 2012, 8, 1073-1080.	5.2	23
84	Industrial graphene metrology. Nanoscale, 2012, 4, 3807.	2.8	19
85	Label Free DNA Detection Using Large Area Graphene Based Field Effect Transistor Biosensors. Journal of Nanoscience and Nanotechnology, 2011, 11, 5258-5263.	0.9	45
86	Synthesis of Graphene-CNT Hybrid Nanostructures. Materials Research Society Symposia Proceedings, 2011, 1344, 1.	0.1	5
87	Synthesis of Graphene-ZnO Heterogeneous Nanostructures by Chemical Vapor Deposition. Materials Research Society Symposia Proceedings, 2011, 1348, 145601.	0.1	0
88	Molecular absorption and photodesorption in pristine and functionalized large-area graphene layers. Nanotechnology, 2011, 22, 355701.	1.3	32
89	Electrochemical supercapacitor based on flexible pillar graphene nanostructures. , 2011, , .		3
90	Centimeter-Scale High-Resolution Metrology of Entire CVD-Grown Graphene Sheets. Small, 2011, 7, 2599-2606.	5.2	25

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91	Graphene Metrology: Centimeter-Scale High-Resolution Metrology of Entire CVD-Grown Graphene Sheets (Small 18/2011). Small, 2011, 7, 2598-2598.	5.2	3
92	Analysis of light scattering from human breast tissue using a custom dual-optical scanning near-field optical microscope. Journal of Biophotonics, 2011, 4, 193-205.	1.1	0
93	Data Transmission Performance of Few-Layer Graphene Ribbons. Materials Research Society Symposia Proceedings, 2011, 1344, 1.	0.1	0
94	Binary Data Transmission Performance of Sub-20 nm Indium Antimonide Nanowires. Materials Research Society Symposia Proceedings, 2011, 1350, 1.	0.1	0
95	Diameter Dependent Current-Voltage Characteristics of InSb Nanowires. Materials Research Society Symposia Proceedings, 2011, 1350, 1.	0.1	0
96	Band energy structure arrangement for organic solar cells with metalized deoxyribonucleic acid strands on anode electrode. Materials Research Society Symposia Proceedings, 2011, 1323, 23.	0.1	0
97	Rapid large-scale Characterization of CVD Graphene Layers on Glass using Fluorescence Quenching Microscopy. Materials Research Society Symposia Proceedings, 2011, 1344, 1.	0.1	0
98	Effect of Light Intensity on Schottky Barrier Widths and I-V Characteristics of Polymer Heterojunction Photodiodes. Materials Research Society Symposia Proceedings, 2011, 1359, 107.	0.1	1
99	Au-assisted Growth of Indium Antimonide Nanowires by Chemical Vapor Deposition: Temperature and Growth Duration Effects. Materials Research Society Symposia Proceedings, 2011, 1350, 1.	0.1	1
100	DNA as an Engineering Material: From Assembly to Computation on Silicon. Materials Research Society Symposia Proceedings, 2011, 1346, 1.	0.1	0
101	Early-Effect like Behavior in Space Charge Regions of Organic Bulk-Heterojunction Photodiodes. Materials Research Society Symposia Proceedings, 2011, 1360, 103801.	0.1	2
102	Label Free DNA Detection Using Large Area Graphene-Based FET Biosensors. Materials Research Society Symposia Proceedings, 2011, 1359, 155.	0.1	1
103	Improved Hole Collection in Polymer Heterojunction Solar Cells with DNA/Pt-DNA Layers. Materials Research Society Symposia Proceedings, 2011, 1322, 63.	0.1	0
104	Photo-electrical Effect of Pristine and Functionalized Graphene Grown by Chemical Vapor Deposition. Materials Research Society Symposia Proceedings, 2011, 1362, 1.	0.1	0
105	Graphene Role as Platinum Support for CO and Formic Acid Electrooxidation. Materials Research Society Symposia Proceedings, 2011, 1326, 1.	0.1	1
106	DC/AC Performance Analysis of Indium Antimonide Nanowires. Materials Research Society Symposia Proceedings, 2011, 1336, 30701.	0.1	0
107	DNA Gating effect from single layer graphene. Materials Research Society Symposia Proceedings, 2011, 1344, 1.	0.1	0
108	Experimental Demonstration of Hopfield Neural Network using DNA molecules. Materials Research Society Symposia Proceedings, 2011, 1346, 1.	0.1	0

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109	Ultracapacitors Based on Graphene/MWNT Composite Films. Materials Research Society Symposia Proceedings, 2011, 1344, 1.	0.1	0
110	Block Co-polymer on Graphene: Doping of Graphene and a Robust Chemical Sensor. Materials Research Society Symposia Proceedings, 2011, 1362, 1.	0.1	0
111	Heterogeneous Graphene Nanostructures: ZnO Nanostructures Grown on Large Area Graphene Layers. Small, 2010, 6, 2448-2452.	5.2	86
112	Gating of Single Layer Graphene with Single Stranded Deoxyribonucleic Acids. Small, 2010, 6, 1150-1155.	5.2	56
113	Effect of incident light power on Schottky barriers and I-V characteristics of organic bulk heterojunction photodiodes. Applied Physics Letters, 2010, 96, 143301.	1.5	5
114	Periodic alignment of Si quantum dots on hafnium oxide coated single wall carbon nanotubes. Applied Physics Letters, 2009, 94, 123109.	1.5	4
115	Magnetic force microscopy of iron oxide nanoparticles and their cellular uptake. Biotechnology Progress, 2009, 25, 923-928.	1.3	25
116	A Surface Charge Study on Cellular Uptake Behavior of F3 Peptide Conjugated Iron Oxide Nanoparticles. Small, 2009, 5, 1990-1996.	5.2	105
117	Synthesis and characterization of polyamidoamine dendrimer-coated multi-walled carbon nanotubes and their application in gene delivery systems. Nanotechnology, 2009, 20, 125101.	1.3	143
118	Zeta potential: a surface electrical characteristic to probe the interaction of nanoparticles with normal and cancer human breast epithelial cells. Biomedical Microdevices, 2008, 10, 321-328.	1.4	359
119	Synthesis and Characterization of Iron Oxide Derivatized Mutant Cowpea Mosaic Virus Hybrid Nanoparticles. Advanced Materials, 2008, 20, 4816-4820.	11.1	17
120	Templated Fabrication of InSb Nanowires for Nanoelectronics. Journal of Nanomaterials, 2008, 2008, 1-5.	1.5	22
121	Effects of Carbon Nanotubes on Photoluminescence Properties of Quantum Dots. Journal of Physical Chemistry C, 2008, 112, 939-944.	1.5	84
122	Size Dependent Thermal Activation Study of Single InSb Nanowire Devices for High Speed and Low Power Digital Logic Applications. , 2008, , .		0
123	Normal and cancer breast epithelial cells endocytosis study of nanoparticles by combined AFM and NSOM microscopy. , 2007, , .		2
124	DNA-Templated Ordered Array of Gold Nanorods in One and Two Dimensions. Journal of Physical Chemistry C, 2007, 111, 12572-12576.	1.5	67
125	Cell Based Sensing Technologies. , 2006, , 55-92.		0
126	Cell adhesion measurement by laser-induced stress waves. Journal of Applied Physics, 2006, 100, 084701.	1.1	31



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127	Use of Electric Field Array Devices for Assisted Assembly of DNA Nanocomponents and Other Nanofabrication Applications. , 2006, , 137-159.		2
128	Microarray and Fluidic Chip for Extracellular Sensing. , 2006, , 47-102.		0
129	Functionally Engineered Carbon Nanotubes-Peptide Nucleic Acid Nanocomponents. Materials Research Society Symposia Proceedings, 2005, 872, 1.	0.1	1
130	Experimental study of filling carbon nanotubes with nucleic acids. Materials Research Society Symposia Proceedings, 2004, 820, 97.	0.1	1
131	Separation of individual neurons using dielectrophoretic alternative current fields. Journal of Neuroscience Methods, 2004, 135, 79-88.	1.3	42
132	Neuron-based microarray sensors for environmental sensing. Electrophoresis, 2004, 25, 3746-3760.	1.3	19
133	Neurons as sensors: individual and cascaded chemical sensing. Biosensors and Bioelectronics, 2004, 19, 1599-1610.	5.3	30
134	Optical Manipulation of Objects and Biological Cells in Microfluidic Devices. Biomedical Microdevices, 2003, 5, 61-67.	1.4	121
135	Electric Field Assisted Patterning of Neuronal Networks for the Study of Brain Functions. Biomedical Microdevices, 2003, 5, 125-137.	1.4	25
136	Title is missing!. Biomedical Microdevices, 2003, 5, 323-332.	1.4	9
137	Spontaneous Insertion of DNA Oligonucleotides into Carbon Nanotubes. Nano Letters, 2003, 3, 471-473.	4.5	432
138	Single Osteoblast Chemical Sensor via Non-invasive Bio-Electronic Interface. Materials Research Society Symposia Proceedings, 2003, 782, 1.	0.1	0
139	Electric Field-Assisted Positioning of Neurons on Pt Microelectrode Arrays. Materials Research Society Symposia Proceedings, 2003, 773, 461.	0.1	1
140	Optimization of Biosensing Microcantilever Devices. Materials Research Society Symposia Proceedings, 2003, 773, 611.	0.1	0
141	Single Cell Based Microelectrode Array Biosensors. Materials Research Society Symposia Proceedings, 2003, 773, 1161.	0.1	0
142	Functionalization of carbon nanotubes for self assembly applications. Materials Research Society Symposia Proceedings, 2003, 773, 641.	0.1	0
143	Design and Analysis of Microcantilevers for Biosensing Applications. Materials Research Society Symposia Proceedings, 2002, 738, 13151.	0.1	3
144	Optical Manipulation of Objects in Microfluidic Devices. Materials Research Society Symposia Proceedings, 2002, 729, 161.	0.1	1

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145	Electric Field Induced Self Assembly and Template Patterning of Polymer Microstructures. Materials Research Society Symposia Proceedings, 2001, 665, 1.	0.1	0
146	Precipitate splitting in $\text{Pb}_{0.91}\text{La}_{0.09}\text{Zr}_{0.65}\text{Ti}_{0.35}\text{O}_3$ films. Journal of Materials Research, 2001, 16, 2763-2766.	1.2	0
147	In-Situ TEM Observations of Surface Roughening and Defect Formation in Lattice Mismatched Heteroepitaxial Thin Films. Materials Research Society Symposia Proceedings, 1997, 505, 291.	0.1	1