

Nick Lavrik

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6961764/publications.pdf>

Version: 2024-02-01

155
papers

6,613
citations

71102

41
h-index

66911

78
g-index

156
all docs

156
docs citations

156
times ranked

8097
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Geometry on Thin Layer and Diffusion Processes at Carbon Electrodes. Langmuir, 2021, 37, 2667-2676.	3.5	31
2	Characterization of the strain-rate-dependent mechanical response of single cell-cell junctions. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	25
3	Thermal conductivity of nano- and micro-crystalline diamond films studied by photothermal excitation of cantilever structures. Diamond and Related Materials, 2021, 113, 108279.	3.9	9
4	Carbonized Polymer for Joule Heating Processing Towards Biosensor Development. , 2021, 2021, 7578-7581.		1
5	Carbonization of 3D printed polymer structures for CMOS-compatible electrochemical sensors. Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics, 2020, 38, 052203.	1.2	6
6	Permanently Magnetized Insulating Thin-Film Devices by Reduction. Physica Status Solidi - Rapid Research Letters, 2020, 14, 2000346.	2.4	0
7	3D-Printed Carbon Nanoelectrodes for In Vivo Neurotransmitter Sensing. Nano Letters, 2020, 20, 6831-6836.	9.1	45
8	Carbonized Polymer Nanostructures for Biosensing. , 2019, , .		1
9	In Quest of a Ferromagnetic Insulator: Structure-Controlled Magnetism in Mg-Ti-O Thin Films. Journal of Physical Chemistry C, 2019, 123, 19970-19978.	3.1	8
10	Carbon nanospikes have better electrochemical properties than carbon nanotubes due to greater surface roughness and defect sites. Carbon, 2019, 155, 250-257.	10.3	44
11	Ionic Conductance through Graphene: Assessing Its Applicability as a Proton Selective Membrane. ACS Nano, 2019, 13, 12109-12119.	14.6	28
12	Optically read Coriolis vibratory gyroscope based on a silicon tuning fork. Microsystems and Nanoengineering, 2019, 5, 47.	7.0	8
13	Carbonized Electrodes for Electrochemical Sensing. , 2019, , .		3
14	Noncontact tip-enhanced Raman spectroscopy for nanomaterials and biomedical applications. Nanoscale Advances, 2019, 1, 3392-3399.	4.6	7
15	Surface-Enhanced Raman Scattering (SERS) Studies of Disc-on-Pillar (DOP) Arrays: Contrasting Enhancement Factor with Analytical Performance. Applied Spectroscopy, 2019, 73, 665-677.	2.2	2
16	Room-Temperature Insulating Ferromagnetic (Ni,Co) 1+2 x Ti 1 x O 3 Thin Films. Annalen Der Physik, 2019, 531, 1900299.	2.4	7
17	Grating-based holographic diffraction methods for X-rays and neutrons: phase object approximation and dynamical theory. Journal of Applied Crystallography, 2018, 51, 68-75.	4.5	2
18	Evolutionary selection growth of two-dimensional materials on polycrystalline substrates. Nature Materials, 2018, 17, 318-322.	27.5	204

#	ARTICLE	IF	CITATIONS
19	Centrifugalâ€driven, reducedâ€dimension, planar chromatography. Electrophoresis, 2018, 39, 438-444.	2.4	2
20	3Dâ€Printed Carbon Electrodes for Neurotransmitter Detection. Angewandte Chemie, 2018, 130, 14451-14455.	2.0	13
21	3Dâ€Printed Carbon Electrodes for Neurotransmitter Detection. Angewandte Chemie - International Edition, 2018, 57, 14255-14259.	13.8	94
22	Realization of deep 3D metal electrodes in diamond radiation detectors. Applied Physics Letters, 2018, 112, 222101.	3.3	7
23	Light-Activated Hybrid Nanocomposite Film for Water and Oxygen Sensing. ACS Applied Materials & Interfaces, 2018, 10, 31745-31754.	8.0	12
24	Probing the Nanoscale Heterogeneity of SEI on Silicon Anode Using Tip Enhanced Raman Spectroscopy (TERS). ECS Meeting Abstracts, 2018, , .	0.0	0
25	Evaluation of Porous Silicon Oxide on Silicon Microcantilevers for Sensitive Detection of Gaseous HF. Analytical Chemistry, 2017, 89, 6272-6276.	6.5	8
26	Surface Modification of Silicon Pillar Arrays To Enhance Fluorescence Detection of Uranium and DNA. ACS Omega, 2017, 2, 7313-7319.	3.5	6
27	Step-free GaN surfaces grown by confined-area metal-organic vapor phase epitaxy. APL Materials, 2017, 5, .	5.1	5
28	Multi-mode humidity sensing with water-soluble copper phthalocyanine for increased sensitivity and dynamic range. Scientific Reports, 2017, 7, 9921.	3.3	17
29	Synthetic moth antennae fabricated as preconcentrator for odor collection. , 2017, , .		1
30	Hidden Area and Mechanical Nonlinearities in Freestanding Graphene. Physical Review Letters, 2017, 118, 266101.	7.8	67
31	Cryo-quenched Fe-Ni-Cr alloy single crystals: A new decorative steel. Journal of Alloys and Compounds, 2017, 691, 666-671.	5.5	4
32	Ultraâ€thin layer chromatography with integrated silver colloidâ€based SERS detection. Electrophoresis, 2017, 38, 361-367.	2.4	6
33	Carbon nanospikes for biosensing applications. , 2017, 2017, 193-196.		4
34	Retention in Porous Layer Pillar Array Planar Separation Platforms. Analytical Chemistry, 2016, 88, 8741-8748.	6.5	14
35	Performance Characteristics of Bio-Inspired Metal Nanostructures as Surface-Enhanced Raman Scattered (SERS) Substrates. Applied Spectroscopy, 2016, 70, 1432-1445.	2.2	5
36	Manipulating the inter pillar gap in pillar array ultra-thin layer planar chromatography platforms. Analyst, The, 2016, 141, 1239-1245.	3.5	7

#	ARTICLE	IF	CITATIONS
37	Magnified Neutron Radiography with Coded Sources. <i>Physics Procedia</i> , 2015, 69, 218-226.	1.2	5
38	Nanopillar Based Enhanced-Fluorescence Detection of Surface-Immobilized Beryllium. <i>Analytical Chemistry</i> , 2015, 87, 6814-6821.	6.5	6
39	Extrapolating Dynamic Leidenfrost Principles to Metallic Nanodroplets on Asymmetrically Textured Surfaces. <i>Scientific Reports</i> , 2015, 5, 11769.	3.3	5
40	Enhanced Interfacial Adhesion and Osteogenesis for Rapid "Bone-like" Biomineralization by PECVD-Based Silicon Oxynitride Overlays. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 15368-15379.	8.0	27
41	Nanoscale pillar arrays for separations. <i>Analyst</i> , 2015, 140, 3347-3351.	3.5	9
42	Quantitative 3D-KPFM imaging with simultaneous electrostatic force and force gradient detection. <i>Nanotechnology</i> , 2015, 26, 175707.	2.6	29
43	Quantifying Morphology of Sands Using 3D Imaging. <i>Journal of Materials in Civil Engineering</i> , 2015, 27, .	2.9	107
44	Self-propelled sweeping removal of dropwise condensate. <i>Applied Physics Letters</i> , 2015, 106, .	3.3	95
45	The effect of intrinsic crumpling on the mechanics of free-standing graphene. <i>Nature Communications</i> , 2015, 6, 8789.	12.8	219
46	Magnified neutron radiography with coded sources. <i>Proceedings of SPIE</i> , 2014, , .	0.8	3
47	Length Scale Selects Directionality of Droplets on Vibrating Pillar Ratchet. <i>Advanced Materials Interfaces</i> , 2014, 1, 1400337.	3.7	16
48	Superhydrophobic Analyte Concentration Utilizing Colloid-Pillar Array SERS Substrates. <i>Analytical Chemistry</i> , 2014, 86, 11819-11825.	6.5	39
49	Nonlinear mechanical resonators for ultra-sensitive mass detection. <i>Proceedings of SPIE</i> , 2014, , .	0.8	1
50	Wicking Nanopillar Arrays with Dual Roughness for Selective Transport and Fluorescence Measurements. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 17894-17901.	8.0	18
51	Electrical conductivity of insulating polymer nanoscale layers: environmental effects. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 1977-1986.	2.8	13
52	Cavitation on Deterministically Nanostructured Surfaces in Contact with an Aqueous Phase: A Small-Angle Neutron Scattering Study. <i>Langmuir</i> , 2014, 30, 9985-9990.	3.5	10
53	Growth and Electrochemical Characterization of Carbon Nanospine Thin Film Electrodes. <i>Journal of the Electrochemical Society</i> , 2014, 161, H558-H563.	2.9	24
54	Asymmetric Wettability of Nanostructures Directs Leidenfrost Droplets. <i>ACS Nano</i> , 2014, 8, 860-867.	14.6	72

#	ARTICLE	IF	CITATIONS
55	Mapping internal structure of coal by confocal micro-Raman spectroscopy and scanning microwave microscopy. <i>Fuel</i> , 2014, 126, 32-37.	6.4	34
56	Length scale of Leidenfrost ratchet switches droplet directionality. <i>Nanoscale</i> , 2014, 6, 9293-9299.	5.6	35
57	Pyroelectric Energy Scavenging Techniques for Self-Powered Nuclear Reactor Wireless Sensor Networks. <i>Nuclear Technology</i> , 2014, 188, 172-184.	1.2	10
58	A new approach for probing matter in periodic nanoconfinements using neutron scattering. <i>Journal of Applied Crystallography</i> , 2014, 47, 1367-1373.	4.5	4
59	Graphene Nucleation Density on Copper: Fundamental Role of Background Pressure. <i>Journal of Physical Chemistry C</i> , 2013, 117, 18919-18926.	3.1	179
60	Silicon Nanopillars As a Platform for Enhanced Fluorescence Analysis. <i>Analytical Chemistry</i> , 2013, 85, 9031-9038.	6.5	29
61	Bilayer self-assembly on a hydrophilic, deterministically nanopatterned surface. <i>Nano Research</i> , 2013, 6, 784-794.	10.4	3
62	Grafting density effects, optoelectrical properties and nano-patterning of poly(para-phenylene) brushes. <i>Journal of Materials Chemistry A</i> , 2013, 1, 13426.	10.3	5
63	Large scale atmospheric pressure chemical vapor deposition of graphene. <i>Carbon</i> , 2013, 54, 58-67.	10.3	241
64	Highly Ordered Silicon Pillar Arrays As Platforms for Planar Chromatography. <i>Analytical Chemistry</i> , 2013, 85, 11802-11808.	6.5	21
65	Lithography-free approach to highly efficient, scalable SERS substrates based on disordered clusters of disc-on-pillar structures. <i>Nanotechnology</i> , 2013, 24, 505302.	2.6	22
66	Infrared microcalorimetric spectroscopy using quantum cascade lasers. <i>Optics Letters</i> , 2013, 38, 507.	3.3	5
67	Bi-material terahertz sensors using metamaterial structures. <i>Optics Express</i> , 2013, 21, 13256.	3.4	109
68	Scanning Near-Field Microwave Microscopy of VO ₂ and Chemical Vapor Deposition Graphene. <i>Advanced Functional Materials</i> , 2013, 23, 2635-2645.	14.9	24
69	Modeling, Fabrication, and Characterization of Disc on Pillar Structures for Optical Field Enhancement and Extreme Nanofocusing. , 2013, , .		0
70	Infrared imaging using arrays of SiO ₂ -micromechanical detectors. <i>Optics Letters</i> , 2012, 37, 3966.	3.3	12
71	Surface enhanced Raman spectroscopy for microfluidic pillar arrayed separation chips. <i>Analyst</i> , The, 2012, 137, 1005-1012.	3.5	21
72	Using micro-electro-mechanical systems (MEMS) as small antennas. , 2012, , .		1

#	ARTICLE	IF	CITATIONS
73	Silicon Nanopillars for Field-Enhanced Surface Spectroscopy. ACS Nano, 2012, 6, 2948-2959.	14.6	75
74	Magnetically gated microelectrodes. Chemical Communications, 2012, 48, 1009-1011.	4.1	9
75	Strong terahertz absorption using SiO ₂ /Al based metamaterial structures. Applied Physics Letters, 2012, 100, .	3.3	69
76	Near-field microwave scanning probe imaging of conductivity inhomogeneities in CVD graphene. Nanotechnology, 2012, 23, 385706.	2.6	51
77	Review of pyroelectric thermal energy harvesting and new MEMs-based resonant energy conversion techniques. Proceedings of SPIE, 2012, , .	0.8	26
78	Characterization of hydrogen responsive nanoporous palladium films synthesized via a spontaneous galvanic displacement reaction. Nanotechnology, 2012, 23, 465403.	2.6	7
79	Detection of electromagnetic waves using charged cantilevers. Applied Physics Letters, 2012, 100, 103108.	3.3	0
80	Surface-Enhanced Raman Scattering as an Emerging Characterization and Detection Technique. Journal of Nanotechnology, 2012, 2012, 1-15.	3.4	20
81	Surface-Enhanced Raman Scattering. Journal of Nanotechnology, 2012, 2012, 1-2.	3.4	1
82	Efficient disc on pillar substrates for surface enhanced Raman spectroscopy. Chemical Communications, 2011, 47, 3814.	4.1	19
83	Dispersion Characteristics in Disk-on-Pillar Array Nanostructures for Surface-Enhanced Raman Spectroscopy. Journal of Physical Chemistry C, 2011, 115, 13624-13629.	3.1	9
84	Nanotransfer Printing Using Plasma Etched Silicon Stamps and Mediated by in Situ Deposited Fluoropolymer. Journal of the American Chemical Society, 2011, 133, 7722-7724.	13.7	12
85	Electrical and thermal conductivity of low temperature CVD graphene: the effect of disorder. Nanotechnology, 2011, 22, 275716.	2.6	132
86	Graphene Bimetallic-like Cantilevers: Probing Graphene/Substrate Interactions. Nano Letters, 2011, 11, 4748-4752.	9.1	49
87	High-Performance Field-Effect Transistors Based on Polystyrene- <i>b</i> -Poly(3-hexylthiophene) Diblock Copolymers. ACS Nano, 2011, 5, 3559-3567.	14.6	122
88	Voltage-Gated Hydrophobic Nanopores. ACS Nano, 2011, 5, 7453-7461.	14.6	105
89	Detection of electromagnetic waves using MEMS antennas. , 2011, , .		0
90	Nanotechnology and chip level systems for pressure driven liquid chromatography and emerging analytical separation techniques: A review. Analytica Chimica Acta, 2011, 694, 6-20.	5.4	56

#	ARTICLE	IF	CITATIONS
91	Development of MEMS based pyroelectric thermal energy harvesters. Proceedings of SPIE, 2011, , .	0.8	29
92	Single-Pore Membranes Gated by Microelectromagnetic Traps. Advanced Materials, 2010, 22, 2759-2763.	21.0	12
93	Nanofabrication of Disc on Pillar Substrates for Surface Enhanced Raman Spectroscopy. , 2010, , .		0
94	Electromagnetic Micropores: Fabrication and Operation. Langmuir, 2010, 26, 19239-19244.	3.5	6
95	High-Aspect-Ratio, Silicon Oxide-Enclosed Pillar Structures in Microfluidic Liquid Chromatography. Analytical Chemistry, 2010, 82, 9549-9556.	6.5	39
96	Local Field Enhancement of Pillar Nanosurfaces for SERS. Journal of Physical Chemistry C, 2010, 114, 18096-18102.	3.1	19
97	Design and characterization of terahertz-absorbing nano-laminates of dielectric and metal thin films. Optics Express, 2010, 18, 14488.	3.4	27
98	Enclosed pillar arrays integrated on a fluidic platform for on-chip separations and analysis. Lab on A Chip, 2010, 10, 1086.	6.0	34
99	Cryogenic Etching of Silicon: An Alternative Method for Fabrication of Vertical Microcantilever Master Molds. Journal of Microelectromechanical Systems, 2010, 19, 64-74.	2.5	22
100	Sensor Science for National Security. NATO Science for Peace and Security Series C: Environmental Security, 2009, , 461-478.	0.2	0
101	Bimaterial Microcantilevers as a Hybrid Sensing Platform. Advanced Materials, 2008, 20, 653-680.	21.0	172
102	Arrays of SiO ₂ substrate-free micromechanical uncooled infrared and terahertz detectors. Journal of Applied Physics, 2008, 104, 054508.	2.5	37
103	Progress with MEMS based UGS (IR/THz). Proceedings of SPIE, 2008, , .	0.8	3
104	Uncooled MEMS IR imagers with optical readout and image processing. , 2007, , .		14
105	Microcantilever sensors with chemically selective coatings of ionic liquids. AIChE Journal, 2007, 53, 2726-2731.	3.6	3
106	Independent component analysis of nanomechanical responses of cantilever arrays. Analytica Chimica Acta, 2007, 584, 101-105.	5.4	31
107	Uncooled infrared imaging using bimaterial microcantilever arrays. Applied Physics Letters, 2006, 89, 073118.	3.3	69
108	Chemical Sensors Based on Functionalized Microcantilever Arrays. , 2006, , .		1

#	ARTICLE	IF	CITATIONS
109	Uncooled infrared imaging using bimaterial microcantilever arrays. , 2006, , .		8
110	Mechanical structures feel the chill. Physics World, 2005, 18, 25-26.	0.0	0
111	Performance of uncooled microcantilever thermal detectors. , 2005, , .		6
112	Nanofabrication of Densely Packed Metal-Polymer Arrays for Surface-Enhanced Raman Spectrometry. Applied Spectroscopy, 2005, 59, 1501-1508.	2.2	85
113	Performance of uncooled microcantilever thermal detectors. Review of Scientific Instruments, 2004, 75, 1134-1148.	1.3	157
114	Cantilever transducers as a platform for chemical and biological sensors. Review of Scientific Instruments, 2004, 75, 2229-2253.	1.3	1,047
115	Nanomechanics weighs in. Physics World, 2004, 17, 19-20.	0.0	0
116	Micromechanical Sensors. Nanostructure Science and Technology, 2004, , 417-439.	0.1	2
117	Chemical and Biological Sensors Based on Microcantilevers. , 2004, , 331-379.		4
118	Response Signatures for Nanostructured, Optically-Probed, Functionalized Microcantilever Sensing Arrays. Sensor Letters, 2004, 2, 238-245.	0.4	17
119	Uncooled Infrared MEMS Detectors. , 2004, , 381-419.		2
120	Enhancing chemi-mechanical transduction in microcantilever chemical sensing by surface modification. Ultramicroscopy, 2003, 97, 417-424.	1.9	49
121	IR imaging using uncooled microcantilever detectors. Ultramicroscopy, 2003, 97, 451-458.	1.9	64
122	Detection and differentiation of biological species using microcalorimetric spectroscopy. Ultramicroscopy, 2003, 97, 459-465.	1.9	46
123	Characterization of volatile, hydrophobic cyclodextrin derivatives as thin films for sensor applications. Sensors and Actuators B: Chemical, 2003, 92, 171-180.	7.8	13
124	Detection of anthrax simulants with microcalorimetric spectroscopy: Bacillus subtilis and Bacillus cereus spores. Applied Optics, 2003, 42, 1757.	2.1	31
125	Studies of the Optical Properties of Metal-Pliable Polymer Composite Materials. Applied Spectroscopy, 2003, 57, 1346-1352.	2.2	30
126	Femtogram mass detection using photothermally actuated nanomechanical resonators. Applied Physics Letters, 2003, 82, 2697-2699.	3.3	294

#	ARTICLE	IF	CITATIONS
127	Enantioselective Sensors Based on Antibody-Mediated Nanomechanics. <i>Analytical Chemistry</i> , 2003, 75, 2342-2348.	6.5	89
128	Detection of Explosive Compounds with the Use of Microcantilevers with Nanoporous Coatings. <i>Sensor Letters</i> , 2003, 1, 25-32.	0.4	42
129	“Self-leveling” uncooled microcantilever thermal detector. <i>Applied Physics Letters</i> , 2002, 81, 1306-1308.	3.3	57
130	Nanostructured Microcantilevers with Functionalized Cyclodextrin Receptor Phases: Self-Assembled Monolayers and Vapor-Deposited Films. <i>Analytical Chemistry</i> , 2002, 74, 3118-3126.	6.5	64
131	Peer Reviewed: Microcantilever Transducers: A new Approach in Sensor Technology. <i>Analytical Chemistry</i> , 2002, 74, 568 A-575 A.	6.5	169
132	Chemical detection based on adsorption-induced and photoinduced stresses in microelectromechanical systems devices. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 2001, 19, 1173.	1.6	59
133	Enhanced chemi-mechanical transduction at nanostructured interfaces. <i>Chemical Physics Letters</i> , 2001, 336, 371-376.	2.6	70
134	Gold Nano-Structures for Transduction of Biomolecular Interactions into Micrometer Scale Movements. <i>Biomedical Microdevices</i> , 2001, 3, 35-44.	2.8	95
135	Photomechanical chemical microsensors. <i>Sensors and Actuators B: Chemical</i> , 2001, 76, 393-402.	7.8	51
136	Surface-enhanced resonance Raman scattering of adsorbates under liquid nitrogen. <i>Chemical Physics Letters</i> , 2001, 339, 167-173.	2.6	21
137	<title>Sensing and actuating functionality of hybrid MEMS combining enhanced chemi-mechanical transduction with surface-enhanced Raman spectroscopy</title>. , 2001, , .		5
138	Hybrid Nanostructured Microcantilevers for Enhanced Chemimechanical Transduction and Surface Enhanced Raman Spectroscopy. , 2001, , 450-452.		0
139	Optical and Direct Force Measurements of the Interactions between Monolayers of Aromatic Macrocycles on Surfactant Monolayers. <i>Langmuir</i> , 2000, 16, 1842-1851.	3.5	23
140	Effect of the Microenvironment on the Recognition of Immobilized Cytochromes by Soluble Redox Proteins. <i>Langmuir</i> , 2000, 16, 3414-3421.	3.5	12
141	Direct molecular force measurements of multiple adhesive interactions between cadherin ectodomains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 11820-11824.	7.1	160
142	Hydrogen peroxide “ sensitive enzyme sensor based on phthalocyanine thin film. <i>Analytica Chimica Acta</i> , 1999, 391, 289-297.	5.4	48
143	Formation and Optical Absorption of Clusters of the p-tert-butylcalix[8]arene:C60 Complex. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1999, 35, 85-91.	1.6	5
144	Suppression of conductivity in polyaniline films in presence of pentadecyl-tetracyanoquinodimethane. <i>Synthetic Metals</i> , 1999, 98, 173-175.	3.9	5

#	ARTICLE	IF	CITATIONS
145	An approach to conductometric immunosensor based on phthalocyanine thin film. Biosensors and Bioelectronics, 1998, 13, 359-369.	10.1	25
146	Towards the D1 Protein Application for the Development of Sensors Specific for Herbicides. Analytical Letters, 1998, 31, 2577-2589.	1.8	12
147	<title>Factors affecting nonspecific interaction of BSA with solid surfaces: an SPR study</title>. , 1998, 3199, 197.		1
148	Structure and electronic properties of Langmuir-Blodgett films of calixarene/fullerene composites. Supramolecular Science, 1997, 4, 341-347.	0.7	21
149	Protonation and charge transfer in polyaniline: an optical absorption study of the mixed solutions. Synthetic Metals, 1997, 90, 1-4.	3.9	24
150	Composite polyaniline/calixarene Langmuir - Blodgett films for gas sensing. Nanotechnology, 1996, 7, 315-319.	2.6	42
151	Polyaniline label-based conductometric sensor for IgG detection. Sensors and Actuators B: Chemical, 1996, 34, 283-288.	7.8	72
152	Complexing properties of calix[4]resorcinolarene LB films. Thin Solid Films, 1995, 259, 244-247.	1.8	44
153	Nitrogen oxide gas sensor based on tetra-tertbutyl copper phthalocyanine Langmuir-Blodgett films. International Journal of Electronics, 1995, 78, 129-133.	1.4	14
154	Sensors for low-weight organic molecules based on molecular imprinting technique. Sensors and Actuators B: Chemical, 1994, 19, 629-631.	7.8	77
155	Template sensors for low weight organic molecules based on SiO ₂ surfaces. Sensors and Actuators B: Chemical, 1993, 14, 708-710.	7.8	14