

Sabrina Conoci

List of Publications by Year in descending order

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142
papers

3,286
citations

126907

33
h-index

197818

49
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146
all docs

146
docs citations

146
times ranked

3744
citing authors

#	ARTICLE	IF	CITATIONS
1	Photodelivery of Nitric Oxide from Water-Soluble Platinum Nanoparticles. <i>Journal of the American Chemical Society</i> , 2007, 129, 480-481.	13.7	135
2	PCR Technologies for Point of Care Testing: Progress and Perspectives. <i>ACS Sensors</i> , 2017, 2, 876-891.	7.8	129
3	An Advanced Bio-Inspired PhotoPlethysmoGraphy (PPG) and ECG Pattern Recognition System for Medical Assessment. <i>Sensors</i> , 2018, 18, 405.	3.8	110
4	Tetrametallic Reduction of Dinitrogen: Formation of a Tetranuclear Samarium Dinitrogen Complex. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 3657-3659.	13.8	105
5	Tetrametallic Divalent Samarium Cluster Hydride and Dinitrogen Complexes. <i>Organometallics</i> , 2000, 19, 3716-3721.	2.3	84
6	XPS and AFM Characterization of the Enzyme Glucose Oxidase Immobilized on SiO ₂ Surfaces. <i>Langmuir</i> , 2008, 24, 1965-1972.	3.5	77
7	Carbon Dots as Promising Tools for Cancer Diagnosis and Therapy. <i>Cancers</i> , 2021, 13, 1991.	3.7	73
8	Immobilization of the Enzyme Glucose Oxidase on Both Bulk and Porous SiO ₂ Surfaces. <i>Sensors</i> , 2008, 8, 5637-5648.	3.8	69
9	Ultrasensitive Label- and PCR-Free Genome Detection Based on Cooperative Hybridization of Silicon Nanowires Optical Biosensors. <i>ACS Sensors</i> , 2018, 3, 1690-1697.	7.8	67
10	Light-Controlled Nitric Oxide Generation from a Novel Self-Assembled Monolayer on a Gold Surface This work was supported by MURST "cofinanziamento di programmi di ricerca di rilevante interesse nazionale" (Project: Mechanisms of Photoinduced Processes in Organized Systems). We also thank Prof. S. Giuffrida for his critical reading of the manuscript, Prof. V. Amico for his useful suggestions, and the referees for constructive comments.. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 1914.	13.8	64
11	A new Ag-nanostructured hydroxyapatite porous scaffold: Antibacterial effect and cytotoxicity study. <i>Materials Science and Engineering C</i> , 2021, 118, 111394.	7.3	61
12	Growth and Characterization of Films Containing Fullerenes and Water Soluble Porphyrins for Solar Energy Conversion Applications. <i>Journal of the American Chemical Society</i> , 2007, 129, 3148-3156.	13.7	58
13	Divalent and Mixed-Valence Samarium Clusters Supported by Dipyrrolide Ligand. <i>Organometallics</i> , 2000, 19, 1182-1185.	2.3	54
14	Novel Self-Assembled Monolayers of Dipolar Ruthenium(III/II) Pentaammine(4,4'-bipyridinium) Complexes on Ultrathin Platinum Films as Redox Molecular Switches. <i>Journal of the American Chemical Society</i> , 2003, 125, 1122-1123.	13.7	54
15	Carbon Dots: An Innovative Tool for Drug Delivery in Brain Tumors. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11783.	4.1	54
16	An Innovative Deep Learning Algorithm for Drowsiness Detection from EEG Signal. <i>Computation</i> , 2019, 7, 13.	2.0	48
17	Monitoring photoswitching of azobenzene-based self-assembled monolayers on ultrathin platinum films by UV/Vis spectroscopy in the transmission mode Electronic supplementary information (ESI) available: synthesis and characterization of 1 and its photoisomerization in solution. See http://www.rsc.org/suppdata/lim/b3/b314710i/ . <i>Journal of Materials Chemistry</i> , 2004, 14, 811.	6.7	46
18	Layer uniformity in glucose oxidase immobilization on SiO ₂ surfaces. <i>Applied Surface Science</i> , 2007, 253, 9116-9123.	6.1	46

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19	Dark Current in Silicon Photomultiplier Pixels: Data and Model. IEEE Transactions on Electron Devices, 2012, 59, 2410-2416.	3.0	46
20	A novel miniaturized biofilter based on silicon micropillars for nucleic acid extraction. Analyst, The, 2017, 142, 140-146.	3.5	45
21	Advanced Bio-Inspired System for Noninvasive Cuff-Less Blood Pressure Estimation from Physiological Signal Analysis. Computation, 2018, 6, 46.	2.0	44
22	Poly(alkoxyphenyleneethynylene) Langmuir-Blodgett Thin Films for Advanced Performance Transistors. Chemistry of Materials, 2006, 18, 778-784.	6.7	40
23	Langmuir-Blodgett Transfer of Fullerenes and Porphyrins: Formation, Deposition, and Application of Versatile Films. Chemistry - A European Journal, 2004, 10, 6523-6530.	3.3	39
24	Optically Transparent, Ultrathin Pt Films as Versatile Metal Substrates for Molecular Optoelectronics. Advanced Functional Materials, 2006, 16, 1425-1432.	14.9	39
25	Light-Regulated NO Release as a Novel Strategy To Overcome Doxorubicin Multidrug Resistance. ACS Medicinal Chemistry Letters, 2017, 8, 361-365.	2.8	39
26	An innovative chemical strategy for PCR-free genetic detection of pathogens by an integrated electrochemical biosensor. Analyst, The, 2017, 142, 2090-2093.	3.5	39
27	Biosensor integration on Si-based devices: Feasibility studies and examples. Sensors and Actuators B: Chemical, 2013, 179, 240-251.	7.8	38
28	Single-step label-free hepatitis B virus detection by a piezoelectric biosensor. RSC Advances, 2015, 5, 38152-38158.	3.6	38
29	Piezoelectric sensor functionalised by a self-assembled bipyridinium derivative: characterisation and preliminary applications in the detection of heavy metal ions. Biosensors and Bioelectronics, 2004, 20, 1190-1195.	10.1	37
30	Integrated PCR amplification and detection processes on a Lab-on-Chip platform: a new advanced solution for molecular diagnostics. Clinical Chemistry and Laboratory Medicine, 2010, 48, 329-336.	2.3	37
31	Photoresponsive multilayer films by assembling cationic amphiphilic cyclodextrins and anionic porphyrins at the air/water interface. Journal of Materials Chemistry, 2007, 17, 1660.	6.7	36
32	On the Relationship between Jetted Inks and Printed Biopatterns: Molecular-Thin Functional Microarrays of Glucose Oxidase. Langmuir, 2009, 25, 6312-6318.	3.5	34
33	Ad-Hoc Shallow Neural Network to Learn Hyper Filtered PhotoPlethysmoGraphic (PPG) Signal for Efficient Car-Driver Drowsiness Monitoring. Electronics (Switzerland), 2019, 8, 890.	3.1	34
34	Optical recognition of organic vapours through ultrathin calix[4]pyrrole films. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2002, 198-200, 869-873.	4.7	32
35	Novel Photoactive Self-Assembled Monolayer for Immobilization and Cleavage of DNA. Langmuir, 2003, 19, 536-539.	3.5	32
36	Room temperature detection and modelling of sub-ppm NO ₂ by low-cost nanoporous NiO film. Sensors and Actuators B: Chemical, 2020, 305, 127481.	7.8	32

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37	Monomeric and Octameric Divalent Ytterbium Complexes of Diphenylmethyl Dipyrrolyl Dianion. <i>Organometallics</i> , 2000, 19, 209-211.	2.3	31
38	Light-triggered DNA release by dynamic monolayer films. <i>New Journal of Chemistry</i> , 2008, 32, 1899.	2.8	31
39	Preparation and Characterization of Two Mixed-Valence Samarium Octameric Clusters. <i>Organometallics</i> , 2000, 19, 115-117.	2.3	30
40	Facile Light-Triggered One-Step Synthesis of Small and Stable Platinum Nanoparticles in an Aqueous Medium from a β -Cyclodextrin Host-Guest Inclusion Complex. <i>Inorganic Chemistry</i> , 2006, 45, 508-510.	4.0	30
41	Multivalent mesoporous silica nanoparticles photo-delivering nitric oxide with carbon dots as fluorescence reporters. <i>Nanoscale</i> , 2017, 9, 13404-13408.	5.6	30
42	Ethane-Bridged Zinc Porphyrin Dimers in Langmuir-Blodgett Thin Films: Structural and Spectroscopic Properties. <i>Journal of Physical Chemistry B</i> , 2006, 110, 4691-4698.	2.6	29
43	Si Photomultipliers for Bio-Sensing Applications. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2016, 22, 335-341.	2.9	29
44	Electrochemical Switching of Chromogenic Monolayers Self-Assembled on Transparent Platinum Electrodes. <i>Advanced Materials</i> , 2005, 17, 1390-1393.	21.0	28
45	Au, Pd and maghemite nanofunctionalized hydroxyapatite scaffolds for bone regeneration. <i>International Journal of Energy Production and Management</i> , 2020, 7, 461-469.	3.7	28
46	Evaluation of Levenberg-Marquardt neural networks and stacked autoencoders clustering for skin lesion analysis, screening and follow-up. <i>IET Computer Vision</i> , 2018, 12, 957-962.	2.0	27
47	Miniaturized electrochemical biosensor based on whole cell for heavy metal ions detection in water. <i>Biotechnology and Bioengineering</i> , 2021, 118, 1456-1465.	3.3	27
48	Synthetic anti conformation switching of a bis-porphyrin derivative at the air-water interface and in the solid state as an effective tool for chemical sensing. <i>Soft Matter</i> , 2013, 9, 2302.	2.7	26
49	Functionalization of Bulk SiO ₂ Surface with Biomolecules for Sensing Applications: Structural and Functional Characterizations. <i>Chemosensors</i> , 2018, 6, 59.	3.6	26
50	Advanced Deep Learning Embedded Motion Radiomics Pipeline for Predicting Anti-PD-1/PD-L1 Immunotherapy Response in the Treatment of Bladder Cancer: Preliminary Results. <i>Electronics (Switzerland)</i> , 2019, 8, 1134.	3.1	26
51	Rapid detection of bacterial pathogens in blood through engineered phages-beads and integrated Real-Time PCR into MicroChip. <i>Sensors and Actuators B: Chemical</i> , 2021, 329, 129227.	7.8	26
52	An explainable AI system for automated COVID-19 assessment and lesion categorization from CT-scans. <i>Artificial Intelligence in Medicine</i> , 2021, 118, 102114.	6.5	26
53	Characterization of SiPMs With NIR Long-Pass Interferential and Plastic Filters. <i>IEEE Photonics Journal</i> , 2018, 10, 1-12.	2.0	25
54	Experimental characterization of proteins immobilized on Si-based materials. <i>Microelectronic Engineering</i> , 2007, 84, 468-473.	2.4	23

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55	A facile method for urinary phenylalanine measurement on paper-based lab-on-chip for PKU therapy monitoring. <i>Analyst</i> , The, 2017, 142, 4629-4632.	3.5	22
56	An integrated biosensor platform for extraction and detection of nucleic acids. <i>Biotechnology and Bioengineering</i> , 2020, 117, 1554-1561.	3.3	22
57	Supramolecular activation of the photodynamic properties of porphyrinoid photosensitizers by calix[4]arene nanoassemblies. <i>RSC Advances</i> , 2016, 6, 105573-105577.	3.6	21
58	Environmental Management of Legionella in Domestic Water Systems: Consolidated and Innovative Approaches for Disinfection Methods and Risk Assessment. <i>Microorganisms</i> , 2021, 9, 577.	3.6	21
59	Antimicrobial Effect and Cytotoxic Evaluation of Mg-Doped Hydroxyapatite Functionalized with Au-Nano Rods. <i>Molecules</i> , 2021, 26, 1099.	3.8	20
60	Characterization of a fiber-less, multichannel optical probe for continuous wave functional near-infrared spectroscopy based on silicon photomultipliers detectors: in-vivo assessment of primary sensorimotor response. <i>Neurophotonics</i> , 2017, 4, 1.	3.3	20
61	A miniaturized silicon based device for nucleic acids electrochemical detection. <i>Sensing and Bio-Sensing Research</i> , 2015, 6, 90-94.	4.2	19
62	Design and development of wearable sensing nanomaterials for smart textiles. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	19
63	A Nonlinear Pattern Recognition Pipeline for PPG/ECG Medical Assessments. <i>Lecture Notes in Electrical Engineering</i> , 2019, , 473-480.	0.4	19
64	Injectable supramolecular nanohydrogel from a micellar self-assembling calix[4]arene derivative and curcumin for a sustained drug release. <i>Materials Science and Engineering C</i> , 2020, 111, 110842.	7.3	19
65	Silicon nitride surfaces as active substrate for electrical DNA biosensors. <i>Sensors and Actuators B: Chemical</i> , 2017, 252, 492-502.	7.8	18
66	SiPM as miniaturised optical biosensor for DNA-microarray applications. <i>Sensing and Bio-Sensing Research</i> , 2015, 6, 95-98.	4.2	17
67	Biosensors in Monitoring Water Quality and Safety: An Example of a Miniaturizable Whole-Cell Based Sensor for Hg ²⁺ Optical Detection in Water. <i>Water (Switzerland)</i> , 2019, 11, 1986.	2.7	17
68	Innovative IgG Biomarkers Based on Phage Display Microbial Amyloid Mimotope for State and Stage Diagnosis in Alzheimer's Disease. <i>ACS Chemical Neuroscience</i> , 2020, 11, 1013-1026.	3.5	17
69	Langmuir-Schäfer films of a new calix[4]pyrrole-based macrocycle exhibiting induced chirality upon binding with chiral alcohol vapours. <i>New Journal of Chemistry</i> , 2003, 27, 615.	2.8	16
70	Feasibility Studies on Si-Based Biosensors. <i>Sensors</i> , 2009, 9, 3469-3490.	3.8	16
71	Miniaturized and multi-purpose electrochemical sensing device based on thin Ni oxides. <i>Sensors and Actuators B: Chemical</i> , 2018, 263, 10-19.	7.8	16
72	Carbon-dots conductometric sensor for high performance gas sensing. <i>Carbon Trends</i> , 2021, 5, 100105.	3.0	14

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73	Dual-Functional Nano-Functionalized Titanium Scaffolds to Inhibit Bacterial Growth and Enhance Osteointegration. <i>Nanomaterials</i> , 2021, 11, 2634.	4.1	14
74	Physicochemical Characterization and Antibacterial Properties of Carbon Dots from Two Mediterranean Olive Solid Waste Cultivars. <i>Nanomaterials</i> , 2022, 12, 885.	4.1	14
75	Self-assembling and electrochromic films of bipyridinium building blocks. <i>Journal of Materials Chemistry</i> , 2006, 16, 3171.	6.7	13
76	Miniaturized Real-Time PCR on a Q3 System for Rapid KRAS Genotyping. <i>Sensors</i> , 2017, 17, 831.	3.8	13
77	Langmuir-Schäfer Films of an Amphiphilic Ruthenium Complex Bearing an "Almost Naked" Multicharged Headgroup. <i>Inorganic Chemistry</i> , 2004, 43, 5368-5372.	4.0	12
78	Synthesis, DNA binding properties and electrochemistry towards an electrode-bound DNA of a novel anthracene-viologen conjugate. <i>RSC Advances</i> , 2014, 4, 2845-2850.	3.6	12
79	Ultrathin Silicon Nanowires for Optical and Electrical Nitrogen Dioxide Detection. <i>Nanomaterials</i> , 2021, 11, 1767.	4.1	12
80	Ultrasensitive PCR-Free detection of whole virus genome by electrochemiluminescence. <i>Biosensors and Bioelectronics</i> , 2022, 209, 114165.	10.1	12
81	Electrochemical and Spectroscopic Behavior of Iron(III) Porphyrines in Langmuir-Schäfer Films. <i>Journal of Physical Chemistry B</i> , 2008, 112, 11517-11528.	2.6	11
82	Ionizing Radiation Effects on Non Volatile Read Only Memory Cells. <i>IEEE Transactions on Nuclear Science</i> , 2012, 59, 3016-3020.	2.0	11
83	Graphene oxide nanohybrid that photoreleases nitric oxide. <i>Journal of Materials Chemistry B</i> , 2016, 4, 5825-5830.	5.8	11
84	Inductive Integrated Biosensor With Extended Operative Range for Detection of Magnetic Beads for Magnetic Immunoassay. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2017, 66, 348-359.	4.7	11
85	Biofriendly Route to Near-Infrared-Active Gold Nanotriangles and Nanoflowers through Nitric Oxide Photorelease for Photothermal Applications. <i>ACS Applied Nano Materials</i> , 2019, 2, 7916-7923.	5.0	11
86	Antimicrobial s-PBC Coatings for Innovative Multifunctional Water Filters. <i>Molecules</i> , 2020, 25, 5196.	3.8	11
87	3D Non-Local Neural Network: A Non-Invasive Biomarker for Immunotherapy Treatment Outcome Prediction. Case-Study: Metastatic Urothelial Carcinoma. <i>Journal of Imaging</i> , 2020, 6, 133.	3.0	11
88	Nucleic Acids Analytical Methods for Viral Infection Diagnosis: State-of-the-Art and Future Perspectives. <i>Biomolecules</i> , 2021, 11, 1585.	4.0	11
89	Development of Si-based electrical biosensors: Simulations and first experimental results. <i>Sensing and Bio-Sensing Research</i> , 2015, 6, 72-78.	4.2	10
90	Electro-Optical Characterization of SiPMs With Green Bandpass Dichroic Filters. <i>IEEE Sensors Journal</i> , 2017, 17, 4075-4082.	4.7	10

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91	Multipotential Role of Growth Factor Mimetic Peptides for Osteochondral Tissue Engineering. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7388.	4.1	10
92	Tri- and Tetravalent and Mixed-Valence Niobium Complexes Supported by a Tripodal Tripyrrolylmethane Trianion. <i>Organometallics</i> , 2000, 19, 4568-4574.	2.3	9
93	Structural study of meso-octaethylcalix[4]pyrrole Langmuir-Blodgett films used as gas sensors. <i>Materials Science and Engineering C</i> , 2002, 19, 27-31.	7.3	9
94	Molecular organization and synantanti conformational equilibria in ethane-bridged bis(zinc porphyrin) floating films at the air-water interface. <i>Surface Science</i> , 2004, 572, 66-76.	1.9	9
95	Image data analysis in qPCR: A method for smart analysis of DNA amplification. <i>Sensing and Bio-Sensing Research</i> , 2015, 6, 79-84.	4.2	9
96	Miniaturized Electrically Actuated Microfluidic System for Biosensor Applications. <i>BioNanoScience</i> , 2016, 6, 139-145.	3.5	9
97	One-Step Photochemical Green Synthesis of Water-Dispersible Ag, Au, and Au@Ag Core-Shell Nanoparticles. <i>Chemistry - A European Journal</i> , 2019, 25, 14638-14643.	3.3	9
98	An innovative silicon-chip for sensitive real time PCR improvement in pathogen detection. <i>Analyst, The</i> , 2019, 144, 2353-2358.	3.5	9
99	Nanostructural depth-profile and field-effect properties of poly(alkoxyphenylene-thienylene) Langmuir-SchAfer thin-films. <i>Thin Solid Films</i> , 2008, 516, 3263-3269.	1.8	8
100	Targeted Photodynamic Therapy with a Folate/Sensitizer Assembly Produced from Mesoporous Silica. <i>Chemistry - A European Journal</i> , 2017, 23, 7672-7676.	3.3	8
101	EWOD silicon biosensor for multiple nucleic acids analysis. <i>Biotechnology and Bioengineering</i> , 2019, 116, 2087-2094.	3.3	8
102	Photothermal-triggered system for oligonucleotides delivery from cationic gold nanorods surface: A molecular dynamic investigation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 201, 111654.	5.0	8
103	A SERS study of self-assembled (4-methylmercapto)benzaldehyde thin films. <i>Materials Science and Engineering C</i> , 2002, 22, 183-186.	7.3	7
104	Organic electrically bistable materials for non-volatile memory applications. <i>Solid-State Electronics</i> , 2005, 49, 1820-1825.	1.4	7
105	A novel silicon based mags-biosensor for nucleic acid detection by magnetoelectronic transduction. <i>Sensing and Bio-Sensing Research</i> , 2015, 6, 85-89.	4.2	7
106	Study of a Miniaturizable System for Optical Sensing Application to Human Cells. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 975.	2.5	7
107	Deep Neuro-Vision Embedded Architecture for Safety Assessment in Perceptive Advanced Driver Assistance Systems: The Pedestrian Tracking System Use-Case. <i>Frontiers in Neuroinformatics</i> , 2021, 15, 667008.	2.5	7
108	Validating Photoplethysmography (PPG) data for driver drowsiness detection. , 2021, , .		7

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109	A Miniaturized Electrochemical System Based on Nickel Oxide Species for Glucose Sensing Applications. <i>BioNanoScience</i> , 2017, 7, 58-63.	3.5	6
110	Sulfide Species Optical Monitoring by a Miniaturized Silicon Photomultiplier. <i>Sensors</i> , 2018, 18, 727.	3.8	6
111	Bio-Inspired Deep-CNN Pipeline for Skin Cancer Early Diagnosis. <i>Computation</i> , 2019, 7, 44.	2.0	6
112	Redox switchable self-assembled monolayers of functional ruthenium(III/II) complexes on optically transparent platinum electrodes. <i>Materials Science and Engineering C</i> , 2003, 23, 857-860.	7.3	5
113	Ionic strength-controlled hybridization and stability of hybrids of KRAS DNA single-nucleotides: A surface plasmon resonance study. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 158, 41-46.	5.0	5
114	An Advanced, Silicon-Based Substrate for Sensitive Nucleic Acids Detection. <i>Sensors</i> , 2018, 18, 3138.	3.8	5
115	Molecular Fingerprinting of the Omicron Variant Genome of SARS-CoV-2 by SERS Spectroscopy. <i>Nanomaterials</i> , 2022, 12, 2134.	4.1	5
116	Selective binding of 2-anthrylmethylpyrrole with fluoride: fluorescence and theoretical studies. <i>Chemical Physics Letters</i> , 2000, 323, 389-392.	2.6	4
117	Developments of the in-check platform for diagnostic applications. <i>Proceedings of SPIE</i> , 2008, , .	0.8	4
118	Thin layer porphyrinogen for alcohol-vapor optical sensors. <i>Journal of Porphyrins and Phthalocyanines</i> , 2009, 13, 1140-1147.	0.8	4
119	CY5 fluorescence measured with silicon photomultipliers. , 2014, , .		4
120	Electrical properties and oxygen functionalities in ethanol-treated and thermally modified graphene oxide. <i>Journal of Applied Physics</i> , 2017, 121, 155105.	2.5	4
121	The cooperative interaction of triplex forming oligonucleotides on DNA-triplex formation at electrode surface: Molecular dynamics studies and experimental evidences. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 187, 110648.	5.0	4
122	The MC1R single nucleotide polymorphisms identification by DNA-microarray on miniaturized silicon chip. <i>Sensors and Actuators B: Chemical</i> , 2021, 346, 130514.	7.8	4
123	Car-Driver Drowsiness Monitoring by Multi-layers Deep Learning Framework and Motion Analysis. <i>Lecture Notes in Electrical Engineering</i> , 2020, , 169-175.	0.4	4
124	Fluorescent Biosensors Based on Silicon Nanowires. <i>Nanomaterials</i> , 2021, 11, 2970.	4.1	4
125	Intelligent Saliency-based Deep Pedestrian Tracking System for Advanced Driving Assistance. , 2021, , .		3
126	Bio-Inspired Feed-Forward System for Skin Lesion Analysis, Screening and Follow-Up. <i>Lecture Notes in Computer Science</i> , 2017, , 399-409.	1.3	2

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127	Advanced eNose-Driven Pedestrian Tracking Pipeline for Intelligent Car Driver Assisting System: Preliminary Results. <i>Sensors</i> , 2022, 22, 674.	3.8	2
128	A Novel Paper-Based Biosensor for Urinary Phenylalanine Measurement for PKU Therapy Monitoring. <i>Lecture Notes in Electrical Engineering</i> , 2019, , 195-200.	0.4	1
129	A Miniaturized Microbe-Silicon-Chip Based on Bioluminescent Engineered Escherichia coli for the Evaluation of Water Quality and Safety. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 7580.	2.6	1
130	Tailored conjugated polymer Langmuir-Schafer thin films in sensing transistors. , 2004, 5522, 36.		0
131	Magnetic Beads Compatibility as DNA Hybridization Labels in Integrated Thermal-Magnetic Biosensor. <i>BioNanoScience</i> , 2017, 7, 485-491.	3.5	0
132	Miniaturized electrochemical cells for sensing applications: Silicon device containing three planar microelectrodes for electrochemical sensing. , 2017, , .		0
133	Electrochemical biosensor for PCR free nucleic acids detection: A novel biosensor containing three planar microelectrodes for melocular diagnostic applications. , 2017, , .		0
134	Electrically actuated microfluidic biosensors: A novel silicon 48 microwells device for biosensing applications. , 2017, , .		0
135	Flexible CW-fNIRS system based on Silicon Photomultipliers: In-vivo characterization of sensorimotor response. , 2017, , .		0
136	An Innovative Optical Chem-Sensor Based on a Silicon Photomultipliers for the Sulfide Monitoring. <i>Lecture Notes in Electrical Engineering</i> , 2019, , 75-81.	0.4	0
137	Nickel Based Biosensor for Biomolecules Recognition. <i>Lecture Notes in Electrical Engineering</i> , 2019, , 105-109.	0.4	0
138	A Novel Lab-on-Disk System for Pathogen Nucleic Acids Analysis in Infectious Diseases. <i>Lecture Notes in Electrical Engineering</i> , 2019, , 117-124.	0.4	0
139	Advanced Temporal Dilated Convolutional Neural Network for a Robust Car Driver Identification. <i>Lecture Notes in Computer Science</i> , 2021, , 184-199.	1.3	0
140	Enhancement of PCR Reaction Efficiency by Gold-Nanoparticles Immobilized at Microreactor Surface. <i>Lecture Notes in Electrical Engineering</i> , 2020, , 183-187.	0.4	0
141	Innovative Lab-on-Disk Technology for Rapid and Integrated Analysis of Pathogen Nucleic Acids. <i>Lecture Notes in Electrical Engineering</i> , 2020, , 215-220.	0.4	0
142	Gradient Reversal Domain Adaptation Pipeline in Advanced Driver Assistance Systems. , 2021, , .		0