

Andrea Lamberti

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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|--------------------|-------------------------|----------------|-----------------|
| 116 papers | 3,453 citations | 35 h-index | 53 g-index |
| 122 ext. papers | 3,880 ext. citations | 5.7 avg, IF | 5.62 L-index |

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 116 | Comparison of photocatalytic and transport properties of TiO ₂ and ZnO nanostructures for solar-driven water splitting. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 7775-86 | 3.6 | 190 |
| 115 | In situ MoS ₂ Decoration of Laser-Induced Graphene as Flexible Supercapacitor Electrodes. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 10459-65 | 9.5 | 171 |
| 114 | A Highly Stretchable Supercapacitor Using Laser-Induced Graphene Electrodes onto Elastomeric Substrate. <i>Advanced Energy Materials</i> , 2016 , 6, 1600050 | 21.8 | 144 |
| 113 | A flexible and portable powerpack by solid-state supercapacitor and dye-sensitized solar cell integration. <i>Journal of Power Sources</i> , 2017 , 359, 311-321 | 8.9 | 105 |
| 112 | PDMS membranes with tunable gas permeability for microfluidic applications. <i>RSC Advances</i> , 2014 , 4, 61415-61419 | 3.7 | 101 |
| 111 | Unveiling the controversial mechanism of reversible Na storage in TiO ₂ nanotube arrays: Amorphous versus anatase TiO ₂ . <i>Nano Research</i> , 2017 , 10, 2891-2903 | 10 | 78 |
| 110 | Combined Structural, Chemometric, and Electrochemical Investigation of Vertically Aligned TiO Nanotubes for Na-ion Batteries. <i>ACS Omega</i> , 2018 , 3, 8440-8450 | 3.9 | 78 |
| 109 | Multi-functional energy conversion and storage electrodes using flower-like Zinc oxide nanostructures. <i>Energy</i> , 2014 , 65, 639-646 | 7.9 | 76 |
| 108 | High-Performing and Stable Wearable Supercapacitor Exploiting rGO Aerogel Decorated with Copper and Molybdenum Sulfides on Carbon Fibers. <i>ACS Applied Energy Materials</i> , 2018 , 1, 4440-4447 | 6.1 | 74 |
| 107 | A chemometric approach for the sensitization procedure of ZnO flowerlike microstructures for dye-sensitized solar cells. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 11288-95 | 9.5 | 71 |
| 106 | Innovative multipolymer electrolyte membrane designed by oxygen inhibited UV-crosslinking enables solid-state in plane integration of energy conversion and storage devices. <i>Energy</i> , 2019 , 166, 789-795 | 7.9 | 71 |
| 105 | High efficiency dye-sensitized solar cells exploiting sponge-like ZnO nanostructures. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 16203-8 | 3.6 | 70 |
| 104 | Charge transport improvement employing TiO ₂ nanotube arrays as front-side illuminated dye-sensitized solar cell photoanodes. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 2596-602 | 3.6 | 65 |
| 103 | All-SPEEK flexible supercapacitor exploiting laser-induced graphenization. <i>2D Materials</i> , 2017 , 4, 035012 | 5.9 | 64 |
| 102 | Interfacial Effects in Solid-Liquid Electrolytes for Improved Stability and Performance of Dye-Sensitized Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 37797-37803 | 9.5 | 63 |
| 101 | TiO ₂ nanotubes as flexible photoanode for back-illuminated dye-sensitized solar cells with hemi-squaraine organic dye and iodine-free transparent electrolyte. <i>Organic Electronics</i> , 2014 , 15, 3715-3722 | 3.5 | 63 |
| 100 | Novel electrode and electrolyte membranes: Towards flexible dye-sensitized solar cell combining vertically aligned TiO ₂ nanotube array and light-cured polymer network. <i>Journal of Membrane Science</i> , 2014 , 470, 125-131 | 9.6 | 62 |

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|----|---|------|----|
| 99 | Ultrafast room-temperature crystallization of TiO ₂ nanotubes exploiting water-vapor treatment. <i>Scientific Reports</i> , 2015 , 5, 7808 | 4.9 | 62 |
| 98 | As-grown vertically aligned amorphous TiO ₂ nanotube arrays as high-rate Li-based micro-battery anodes with improved long-term performance. <i>Electrochimica Acta</i> , 2015 , 151, 222-229 | 6.7 | 59 |
| 97 | New insights on laser-induced graphene electrodes for flexible supercapacitors: tunable morphology and physical properties. <i>Nanotechnology</i> , 2017 , 28, 174002 | 3.4 | 58 |
| 96 | Highly Uniform Anodically Deposited Film of MnO Nanoflakes on Carbon Fibers for Flexible and Wearable Fiber-Shaped Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 28386-28393 | 9.5 | 58 |
| 95 | Self-assembly of graphene aerogel on copper wire for wearable fiber-shaped supercapacitors. <i>Carbon</i> , 2016 , 105, 649-654 | 10.4 | 55 |
| 94 | SERS-Active Ag Nanoparticles on Porous Silicon and PDMS Substrates: A Comparative Study of Uniformity and Raman Efficiency. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 16946-16953 | 3.8 | 48 |
| 93 | Investigation of Transport and Recombination Properties in Graphene/Titanium Dioxide Nanocomposite for Dye-Sensitized Solar Cell Photoanodes. <i>Electrochimica Acta</i> , 2014 , 131, 154-159 | 6.7 | 48 |
| 92 | Electro-oxidation of phenol over electrodeposited MnO _x nanostructures and the role of a TiO ₂ nanotubes interlayer. <i>Applied Catalysis B: Environmental</i> , 2017 , 203, 270-281 | 21.8 | 48 |
| 91 | Ultrasensitive Ag-coated TiO ₂ nanotube arrays for flexible SERS-based optofluidic devices. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 6868-6875 | 7.1 | 46 |
| 90 | PDMS/Polyimide Composite as an Elastomeric Substrate for Multifunctional Laser-Induced Graphene Electrodes. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 33221-33230 | 9.5 | 45 |
| 89 | An easy approach for the fabrication of TiO ₂ nanotube-based transparent photoanodes for Dye-sensitized Solar Cells. <i>Solar Energy</i> , 2013 , 95, 90-98 | 6.8 | 44 |
| 88 | Vertically aligned TiO ₂ nanotube array for high rate Li-based micro-battery anodes with improved durability. <i>Electrochimica Acta</i> , 2013 , 102, 233-239 | 6.7 | 41 |
| 87 | Microfluidic sealing and housing system for innovative dye-sensitized solar cell architecture. <i>Microelectronic Engineering</i> , 2011 , 88, 2308-2310 | 2.5 | 40 |
| 86 | Metal@elastomer nanostructures for tunable SERS and easy microfluidic integration. <i>RSC Advances</i> , 2015 , 5, 4404-4410 | 3.7 | 37 |
| 85 | Solid phase DNA extraction on PDMS and direct amplification. <i>Lab on A Chip</i> , 2011 , 11, 4029-35 | 7.2 | 37 |
| 84 | Microfluidic photocatalytic device exploiting PDMS/TiO ₂ nanocomposite. <i>Applied Surface Science</i> , 2015 , 335, 50-54 | 6.7 | 36 |
| 83 | Flexible solid-state Cu ₂ O-based pseudo-supercapacitor by thermal oxidation of copper foils. <i>International Journal of Hydrogen Energy</i> , 2016 , 41, 11700-11708 | 6.7 | 36 |
| 82 | Fiber-shaped asymmetric supercapacitor exploiting rGO/Fe ₂ O ₃ aerogel and electrodeposited MnO _x nanosheets on carbon fibers. <i>Carbon</i> , 2019 , 144, 91-100 | 10.4 | 35 |

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| 81 | Cycling behaviour of sponge-like nanostructured ZnO as thin-film Li-ion battery anodes. <i>Journal of Alloys and Compounds</i> , 2014 , 615, S454-S458 | 5.7 | 32 |
| 80 | Surface energy tailoring of glass by contact printed PDMS. <i>Applied Surface Science</i> , 2012 , 258, 9427-9431 | 6.7 | 32 |
| 79 | Immobilization of Oligonucleotides on Metal-Dielectric Nanostructures for miRNA Detection. <i>Analytical Chemistry</i> , 2016 , 88, 9554-9563 | 7.8 | 32 |
| 78 | Magnetoelastic Clock System for Nanomagnet Logic. <i>IEEE Nanotechnology Magazine</i> , 2014 , 13, 963-973 | 2.6 | 30 |
| 77 | Coral-shaped ZnO nanostructures for dye-sensitized solar cell photoanodes. <i>Progress in Photovoltaics: Research and Applications</i> , 2014 , 22, 189-197 | 6.8 | 30 |
| 76 | Combined experimental and theoretical investigation of the hemi-squaraine/TiO ₂ interface for dye sensitized solar cells. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 7198-203 | 3.6 | 30 |
| 75 | Leveraging ZnO morphologies in piezoelectric composites for mechanical energy harvesting. <i>Nano Energy</i> , 2015 , 18, 212-221 | 17.1 | 29 |
| 74 | Enhancement of electron lifetime in dye-sensitized solar cells using anodically grown TiO ₂ nanotube/nanoparticle composite photoanodes. <i>Microelectronic Engineering</i> , 2013 , 111, 137-142 | 2.5 | 28 |
| 73 | Easy Tuning of Surface and Optical Properties of PDMS Decorated by Ag Nanoparticles. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 8194-200 | 3.4 | 27 |
| 72 | Facile fabrication of cuprous oxide nanocomposite anode films for flexible Li-ion batteries via thermal oxidation. <i>Electrochimica Acta</i> , 2012 , 86, 323-329 | 6.7 | 27 |
| 71 | Surface-enhanced Raman spectroscopy on porous silicon membranes decorated with Ag nanoparticles integrated in elastomeric microfluidic chips. <i>RSC Advances</i> , 2016 , 6, 21865-21870 | 3.7 | 26 |
| 70 | Comparison of Hemi-Squaraine Sensitized TiO ₂ and ZnO Photoanodes for DSSC Applications. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 22778-22783 | 3.8 | 26 |
| 69 | An easy method for the room-temperature growth of spongelike nanostructured Zn films as initial step for the fabrication of nanostructured ZnO. <i>Thin Solid Films</i> , 2012 , 524, 107-112 | 2.2 | 26 |
| 68 | Graphene Oxide Finely Tunes the Bioactivity and Drug Delivery of Mesoporous ZnO Scaffolds. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 449-456 | 9.5 | 26 |
| 67 | Flexible supercapacitor electrodes based on MoS ₂ -intercalated rGO membranes on Ti mesh. <i>Materials Science in Semiconductor Processing</i> , 2018 , 73, 106-110 | 4.3 | 25 |
| 66 | Facile fabrication of cuprous oxide nanocomposite anode films for flexible Li-ion batteries via thermal oxidation. <i>Electrochimica Acta</i> , 2012 , 70, 62-68 | 6.7 | 24 |
| 65 | Flexible and high temperature supercapacitor based on laser-induced graphene electrodes and ionic liquid electrolyte, a de-rated voltage analysis. <i>Electrochimica Acta</i> , 2020 , 357, 136838 | 6.7 | 23 |
| 64 | Toward quasi-solid state Dye-sensitized Solar Cells: Effect of BaTiO ₃ nanoparticle dispersion into liquid electrolyte. <i>Solar Energy</i> , 2015 , 111, 125-134 | 6.8 | 22 |

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|----|---|------|----|
| 63 | Wetting Behavior of Hierarchical Oxide Nanostructures: TiO ₂ Nanotubes from Anodic Oxidation Decorated with ZnO Nanostructures. <i>Journal of the Electrochemical Society</i> , 2014 , 161, D484-D488 | 3.9 | 22 |
| 62 | In-plane 2D focusing of surface waves by ultrathin refractive structures. <i>Optics Letters</i> , 2014 , 39, 6391-4 | 3 | 21 |
| 61 | TiO ₂ nanotube array as biocompatible electrode in view of implantable supercapacitors. <i>Journal of Energy Storage</i> , 2016 , 8, 193-197 | 7.8 | 21 |
| 60 | Toxicity assessment of laser-induced graphene by zebrafish during development. <i>J Phys Materials</i> , 2020 , 3, 034008 | 4.2 | 20 |
| 59 | Microfluidic housing system: a useful tool for the analysis of dye-sensitized solar cell components. <i>Applied Physics A: Materials Science and Processing</i> , 2012 , 109, 377-383 | 2.6 | 19 |
| 58 | Surface label-free sensing by means of a fluorescent multilayered photonic structure. <i>Applied Physics Letters</i> , 2012 , 101, 131105 | 3.4 | 19 |
| 57 | Memristive behaviour in poly-acrylic acid coated TiO ₂ nanotube arrays. <i>Nanotechnology</i> , 2016 , 27, 485208 | 3.4 | 19 |
| 56 | Sponge-like ZnO nanostructures by low temperature water vapor-oxidation method as dye-sensitized solar cell photoanodes. <i>Journal of Alloys and Compounds</i> , 2014 , 615, S487-S490 | 5.7 | 18 |
| 55 | Synthesis of ferroelectric BaTiO ₃ tube-like arrays by hydrothermal conversion of a vertically aligned TiO ₂ nanotube carpet. <i>New Journal of Chemistry</i> , 2014 , 38, 2024-2030 | 3.6 | 17 |
| 54 | Photodetection and piezoelectric response from hard and flexible sponge-like ZnO-based structures. <i>Nano Energy</i> , 2013 , 2, 1294-1302 | 17.1 | 17 |
| 53 | Syngas production by electrocatalytic reduction of CO ₂ using Ag-decorated TiO ₂ nanotubes. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 26458-26471 | 6.7 | 17 |
| 52 | High energy and high voltage integrated photo-electrochemical double layer capacitor. <i>Sustainable Energy and Fuels</i> , 2018 , 2, 968-977 | 5.8 | 16 |
| 51 | 3D-printed microfluidics on thin poly(methyl methacrylate) substrates for genetic applications. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2018 , 36, 01A106 | 1.3 | 16 |
| 50 | Anodically-grown TiO ₂ nanotubes: Effect of the crystallization on the catalytic activity toward the oxygen reduction reaction. <i>Applied Surface Science</i> , 2017 , 412, 447-454 | 6.7 | 15 |
| 49 | UV-Printable and Flexible Humidity Sensors Based on Conducting/Insulating Semi-Interpenetrated Polymer Networks. <i>Macromolecular Materials and Engineering</i> , 2017 , 302, 1700161 | 3.9 | 15 |
| 48 | Binder Free and Flexible Asymmetric Supercapacitor Exploiting MnO and MoS ₂ Nanoflakes on Carbon Fibers. <i>Nanomaterials</i> , 2020 , 10, | 5.4 | 14 |
| 47 | Nanostructural evolution of one-dimensional BaTiO ₃ structures by hydrothermal conversion of vertically aligned TiO ₂ nanotubes. <i>Nanoscale</i> , 2016 , 8, 6866-76 | 7.7 | 14 |
| 46 | Piezoelectrically actuated MEMS microswitches for high current applications. <i>Microelectronic Engineering</i> , 2011 , 88, 2208-2210 | 2.5 | 14 |

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|----|---|-----|----|
| 45 | Electric Characterization and Modeling of Microfluidic-Based Dye-Sensitized Solar Cell. <i>International Journal of Photoenergy</i> , 2012 , 2012, 1-11 | 2.1 | 14 |
| 44 | Floating, Flexible Polymeric Dye-Sensitized Solar-Cell Architecture: The Way of Near-Future Photovoltaics. <i>Advanced Materials Technologies</i> , 2016 , 1, | 6.8 | 14 |
| 43 | Crystallization of TiO ₂ Nanotubes by In Situ Heating TEM. <i>Nanomaterials</i> , 2018 , 8, | 5.4 | 13 |
| 42 | Portable High Voltage Integrated Harvesting-Storage Device Employing Dye-Sensitized Solar Module and All-Solid-State Electrochemical Double Layer Capacitor. <i>Frontiers in Chemistry</i> , 2018 , 6, 443 | 5 | 13 |
| 41 | Optofluidic chip for surface wave-based fluorescence sensing. <i>Sensors and Actuators B: Chemical</i> , 2015 , 215, 225-230 | 8.5 | 12 |
| 40 | Tunable electromechanical actuation in silicone dielectric film. <i>Smart Materials and Structures</i> , 2014 , 23, 105001 | 3.4 | 12 |
| 39 | Magnetoelastic coupling in multilayered ferroelectric/ferromagnetic thin films: A quantitative evaluation. <i>Applied Surface Science</i> , 2012 , 258, 8072-8077 | 6.7 | 12 |
| 38 | Boosting Electric Double Layer Capacitance in Laser-Induced Graphene-Based Supercapacitors. <i>Advanced Sustainable Systems</i> , 2100228 | 5.9 | 12 |
| 37 | Multifunctional flexible membranes based on reduced graphene oxide/tin dioxide nanocomposite and cellulose fibers. <i>Electrochimica Acta</i> , 2019 , 306, 420-426 | 6.7 | 11 |
| 36 | A flow-through holed PDMS membrane as a reusable microarray spotter for biomedical assays. <i>Lab on A Chip</i> , 2015 , 15, 67-71 | 7.2 | 9 |
| 35 | An Integrated Device for the Solar-Driven Electrochemical Conversion of CO ₂ to CO. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 7563-7568 | 8.3 | 9 |
| 34 | Consistent static and small-signal physics-based modeling of dye-sensitized solar cells under different illumination conditions. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 14634-46 | 3.6 | 9 |
| 33 | Tragacanth Gum as Green Binder for Sustainable Water-Processable Electrochemical Capacitor. <i>ChemSusChem</i> , 2021 , 14, 356-362 | 8.3 | 9 |
| 32 | Novel spongelike nanostructured ZnO films: Properties and applications. <i>Journal of Alloys and Compounds</i> , 2014 , 586, S331-S335 | 5.7 | 8 |
| 31 | Modeling of electrochemical capacitors under dynamical cycling. <i>Electrochimica Acta</i> , 2019 , 296, 709-718 | 6.7 | 7 |
| 30 | Evolution of nanomechanical properties and crystallinity of individual titanium dioxide nanotube resonators. <i>Nanotechnology</i> , 2018 , 29, 085702 | 3.4 | 6 |
| 29 | A long-term analysis of Pt counter electrodes for Dye-sensitized Solar Cells exploiting a microfluidic housing system. <i>Materials Chemistry and Physics</i> , 2015 , 161, 74-83 | 4.4 | 6 |
| 28 | Monitoring the dye impregnation time of nanostructured photoanodes for dye sensitized solar cells. <i>Journal of Physics: Conference Series</i> , 2013 , 439, 012012 | 0.3 | 6 |

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| 27 | Electric Clock for NanoMagnet Logic Circuits. <i>Lecture Notes in Computer Science</i> , 2014 , 73-110 | 0.9 | 6 |
| 26 | Frequency dependence of the phenomenological parameters describing adsorption processes in supercapacitors. <i>Electrochimica Acta</i> , 2019 , 316, 181-188 | 6.7 | 5 |
| 25 | Real time monitoring of ultrafast sensitization for Dye-Sensitized Solar Cell photoanodes. <i>Solar Energy</i> , 2016 , 130, 74-80 | 6.8 | 5 |
| 24 | Graphene-Based Membrane Technology: Reaching Out to the Oil and Gas Industry. <i>Geofluids</i> , 2018 , 2018, 1-13 | 1.5 | 5 |
| 23 | TiO ₂ Nanotube Array as Efficient Transparent Photoanode in Dye-Sensitized Solar Cell with High Electron Lifetime. <i>Acta Physica Polonica A</i> , 2013 , 123, 376-379 | 0.6 | 5 |
| 22 | Flexible wire-based electrodes exploiting carbon/ZnO nanocomposite for wearable supercapacitors. <i>Ionics</i> , 2017 , 23, 1839-1847 | 2.7 | 4 |
| 21 | Langmuir adsorption processes and ion transport under bias potential in capacitive deionisation cells. <i>Electrochimica Acta</i> , 2020 , 348, 136288 | 6.7 | 4 |
| 20 | Microfluidic electrochemical growth of vertically aligned TiO ₂ nanotubes for SERS optofluidic devices. <i>RSC Advances</i> , 2015 , 5, 105484-105488 | 3.7 | 4 |
| 19 | Fast TiO ₂ Sensitization Using the Semisquaric Acid as Anchoring Group. <i>International Journal of Photoenergy</i> , 2013 , 2013, 1-8 | 2.1 | 4 |
| 18 | Electric Clock for NanoMagnet Logic Circuits. <i>Lecture Notes in Computer Science</i> , 2014 , 73-110 | 0.9 | 4 |
| 17 | Multiscale measurements of piezoelectric response of hydrothermal converted BaTiO ₃ 1D vertical arrays. <i>Applied Physics Letters</i> , 2018 , 113, 253102 | 3.4 | 4 |
| 16 | A perspective on laser-induced graphene for micro-supercapacitor application. <i>Applied Physics Letters</i> , 2022 , 120, 100501 | 3.4 | 4 |
| 15 | Laser-Induced Graphenization of PDMS as Flexible Electrode for Microsupercapacitors. <i>Advanced Materials Interfaces</i> , 2021 , 8, 2101046 | 4.6 | 3 |
| 14 | Electrolytes based on N-Butyl-N-Methyl-Pyrrolidinium 4,5-Dicyano-2-(Trifluoromethyl) Imidazole for High Voltage Electrochemical Double Layer Capacitors. <i>ChemElectroChem</i> , 2019 , 6, 552-557 | 4.3 | 3 |
| 13 | Laser-induced graphenization of textile yarn for wearable electronics application. <i>Smart Materials and Structures</i> , 2021 , 30, 105007 | 3.4 | 3 |
| 12 | A facile, safe and controllable morphology synthesis of rGO_Cu ₂ O nanocomposite as a binder-free electrode for electrochemical capacitors. <i>Electrochimica Acta</i> , 2021 , 390, 138856 | 6.7 | 3 |
| 11 | Generalized Langmuir kinetic equation for ions adsorption model applied to electrical double layer capacitor. <i>Electrochimica Acta</i> , 2019 , 323, 134700 | 6.7 | 2 |
| 10 | TiO ₂ nanotube-based smart 3D electrodes by anodic oxidation of additively manufactured Ti6Al4V structures. <i>Materials Today Communications</i> , 2018 , 15, 165-170 | 2.5 | 2 |

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|---|---|-----|---|
| 9 | Graphene Oxide Membranes for Trace Hydrocarbon Contaminant Removal from Aqueous Solution. <i>Nanomaterials</i> , 2020 , 10, | 5.4 | 2 |
| 8 | Enhanced Capacitive Deionization Exploiting Novel Functionalized Graphene Oxide Electrodes. <i>Advanced Materials Technologies</i> , 2101513 | 6.8 | 2 |
| 7 | Graphene as Barrier to Prevent Volume Increment of Air Bubbles over Silicone Polymer in Aqueous Environment. <i>Langmuir</i> , 2017 , 33, 12865-12872 | 4 | 1 |
| 6 | Sponge-like Porous ZnO Photoanodes for Highly Efficient dye-sensitized Solar Cells. <i>Acta Physica Polonica A</i> , 2013 , 123, 386-389 | 0.6 | 1 |
| 5 | Scalable nanophotonic neural probes for multicolor and on-demand light delivery in brain tissue. <i>Nanotechnology</i> , 2021 , | 3.4 | 1 |
| 4 | SERS-active Metal-dielectric Nanostructures Integrated in Microfluidic Devices for Ultra-sensitive Label-free miRNA Detection. <i>Procedia Technology</i> , 2017 , 27, 37-38 | | |
| 3 | Graphene-Metal Nanostructures as Surface Enhanced Raman Scattering Substrates for Biosensing. <i>Procedia Technology</i> , 2017 , 27, 236-237 | | |
| 2 | Anodically Grown TiO ₂ Nanotube Membranes: Synthesis, Characterization, and Application in Dye-Sensitized Solar Cells 2015 , 1-23 | | |
| 1 | Anodically Grown TiO ₂ Nanotube Membranes: Synthesis, Characterization, and Application in Dye-Sensitized Solar Cells 2016 , 1299-1325 | | |