

# Evie L Papadopoulou

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

1,123  
citations

430874

18  
h-index

395702

33  
g-index

44  
all docs

44  
docs citations

44  
times ranked

1820  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Reversible Photoinduced Wettability Transition of Hierarchical ZnO Structures. <i>Journal of Physical Chemistry C</i> , 2009, 113, 2891-2895.  | 3.1  | 124       |
| 2  | Strain-responsive mercerized conductive cotton fabrics based on PEDOT:PSS/graphene. <i>Materials and Design</i> , 2017, 135, 213-222.  | 7.0  | 106       |
| 3  | Fabrication of Visible Light-Induced Antibacterial and Self-Cleaning Cotton Fabrics Using Manganese Doped TiO <sub>2</sub> Nanoparticles. <i>ACS Applied Bio Materials</i> , 2018, 1, 1154-1164. | 4.6  | 72        |
| 4  | Sustainable Active Food Packaging from Poly(lactic acid) and Cocoa Bean Shells. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 31317-31327.   | 8.0  | 71        |
| 5  | Undoped and Al-doped ZnO films with tuned properties grown by pulsed laser deposition. <i>Thin Solid Films</i> , 2008, 516, 8141-8145.   | 1.8  | 64        |
| 6  | Reversible wettability of ZnO nanostructured thin films prepared by pulsed laser deposition. <i>Thin Solid Films</i> , 2009, 518, 1267-1270.   | 1.8  | 62        |
| 7  | Graphene and polytetrafluoroethylene synergistically improve the tribological properties and adhesion of nylon 66 coatings. <i>Carbon</i> , 2017, 123, 26-33.                                    | 10.3 | 53        |
| 8  | Nylon 6,6/graphene nanoplatelet composite films obtained from a new solvent. <i>RSC Advances</i> , 2016, 6, 6823-6831.   | 3.6  | 52        |
| 9  | Magnetic Aging in Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> Displaying the Paramagnetic Meissner Effect. <i>Physical Review Letters</i> , 1999, 82, 173-176.              | 7.8  | 47        |
| 10 | Silicon Scaffolds Promoting Three-Dimensional Neuronal Web of Cytoplasmic Processes. <i>Tissue Engineering - Part C: Methods</i> , 2010, 16, 497-502.  | 2.1  | 47        |
| 11 | Structural and morphological characterization of TiO <sub>2</sub> nanostructured films grown by nanosecond pulsed laser deposition. <i>Applied Surface Science</i> , 2009, 255, 5267-5270.       | 6.1  | 39        |
| 12 | Self-Cleaning Organic/Inorganic Photo-Sensors. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 7139-7145.   | 8.0  | 33        |
| 13 | Antibacterial bioelastomers with sustained povidone-iodine release. <i>Chemical Engineering Journal</i> , 2018, 347, 19-26.  | 12.7 | 32        |
| 14 | Zwitterionic Nanofibers of Super-Glue for Transparent and Biocompatible Multi-Purpose Coatings. <i>Scientific Reports</i> , 2015, 5, 14019.  | 3.3  | 28        |
| 15 | Ceria/Gold Nanoparticles <i>in Situ</i> Synthesized on Polymeric Membranes with Enhanced Photocatalytic and Radical Scavenging Activity. <i>ACS Applied Nano Materials</i> , 2018, 1, 5601-5611. | 5.0  | 27        |
| 16 | Green Composites of Poly(3-hydroxybutyrate) Containing Graphene Nanoplatelets with Desirable Electrical Conductivity and Oxygen Barrier Properties. <i>ACS Omega</i> , 2019, 4, 19746-19755.     | 3.5  | 22        |
| 17 | An efficient pure polyimide ammonia sensor. <i>Journal of Materials Chemistry C</i> , 2016, 4, 7790-7797.  | 5.5  | 20        |
| 18 | Keratin-cinnamom essential oil biocomposite fibrous patches for skin burn care. <i>Materials Advances</i> , 2020, 1, 1805-1816.  | 5.4  | 20        |

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|----|--|------|-----------|
| 19 | Laser induced forward transfer of metal oxides using femtosecond double pulses. <i>Applied Surface Science</i> , 2010, 257, 508-511.   | 6.1  | 18        |
| 20 | Optical and microstructural properties of p-type SrCu <sub>2</sub> O <sub>2</sub> : First principles modeling and experimental studies. <i>Thin Solid Films</i> , 2007, 515, 8624-8631.  | 1.8  | 15        |
| 21 | Electrowetting Properties of ZnO and TiO <sub>2</sub> Nanostructured Thin Films. <i>Journal of Physical Chemistry C</i> , 2010, 114, 10249-10253.  | 3.1  | 14        |
| 22 | The effect of deposition parameters on the properties of SrCu <sub>2</sub> O <sub>2</sub> films fabricated by pulsed laser deposition. <i>Thin Solid Films</i> , 2008, 516, 1449-1452.   | 1.8  | 12        |
| 23 | Properties of strontium copper oxide (SCO) deposited by PLD using the 308nm laser and formation of SCO/Si heterostructures. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2010, 207, 1726-1730.                          | 1.8  | 11        |
| 24 | Nanosecond and femtosecond ablation of La <sub>0.6</sub> Ca <sub>0.4</sub> CoO <sub>3</sub> : a comparison between plume dynamics and composition of the films. <i>Applied Physics A: Materials Science and Processing</i> , 2011, 105, 167-176. | 2.3  | 11        |
| 25 | Thermo-responsive nanofibers for on-demand biocompound delivery platform. <i>Chemical Engineering Journal</i> , 2022, 445, 136744.   | 12.7 | 11        |
| 26 | ac susceptibility of a paramagnetic Meissner effect sample. <i>Physica C: Superconductivity and Its Applications</i> , 1998, 297, 317-325.   | 1.2  | 10        |
| 27 | Deposition of thin films for sensors by pulsed laser ablation of iron and chromium silicide targets. <i>Applied Surface Science</i> , 2007, 254, 1288-1291.  | 6.1  | 10        |
| 28 | Femtosecond laser deposition of TiO <sub>2</sub> by laser induced forward transfer. <i>Thin Solid Films</i> , 2010, 518, 5525-5529.  | 1.8  | 10        |
| 29 | Negative giant longitudinal magnetoresistance in NiMnSb•InSb: Interface effect. <i>Physical Review B</i> , 2006, 74, .   | 3.2  | 9         |
| 30 | Modification of AlN thin films morphology and structure by temporally shaping of fs laser pulses used for deposition. <i>Thin Solid Films</i> , 2011, 519, 6381-6387.  | 1.8  | 9         |
| 31 | Y thin films by ultrashort pulsed laser deposition for photocathode application. <i>Applied Surface Science</i> , 2012, 258, 8719-8723.  | 6.1  | 9         |
| 32 | Properties of Silicon and Metal Oxide Electrowetting Systems. <i>Journal of Adhesion Science and Technology</i> , 2012, 26, 2143-2163.   | 2.6  | 8         |
| 33 | Graphene Nanoplatelets Render Poly(3-Hydroxybutyrate) a Suitable Scaffold to Promote Neuronal Network Development. <i>Frontiers in Neuroscience</i> , 2021, 15, 731198.  | 2.8  | 8         |
| 34 | Ultrafast electron dynamics in ZnO/Si micro-cones. <i>Applied Physics A: Materials Science and Processing</i> , 2010, 98, 701-705.   | 2.3  | 7         |
| 35 | Self-organized microporous cellulose-nylon membranes. <i>Polymer</i> , 2017, 120, 255-263.   | 3.8  | 7         |
| 36 | Nanocomposite fabrication via direct ultra-fast laser ablation of titanium in aqueous monomer solution. <i>Laser Physics Letters</i> , 2015, 12, 125601.   | 1.4  | 6         |

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|----|--|-----|-----------|
| 37 | Thin film growth of delafossite-related derivative $\text{FeO}_2$ on a ZnO layer by pulsed laser deposition. Thin Solid Films, 2018, 645, 424-430.   | 1.8 | 6         |
| 38 | The effect of PLD deposition parameters on the properties of p-SrCu <sub>2</sub> O <sub>2</sub> /n-Si diodes. Thin Solid Films, 2008, 516, 8154-8158.  | 1.8 | 4         |
| 39 | Mg-based photocathodes prepared by ns, ps and fs PLD for the production of high brightness electron beams. Applied Surface Science, 2009, 255, 5228-5231.                                    | 6.1 | 4         |
| 40 | Investigation of the electro-spinnability of alginate solutions containing gold precursor H <sub>2</sub> AuCl <sub>4</sub> . Journal of Colloid and Interface Science, 2016, 483, 60-66.     | 9.4 | 3         |
| 41 | Detailed Studies of Yttrium Thin Films Deposited by Laser Radiation of Different Pulse Durations. Physics Procedia, 2012, 32, 335-339.   | 1.2 | 2         |
| 42 | Magneto-transport properties of NiMnSb thin films on InSb single crystals: Negative giant magnetoresistance. Physica Status Solidi (A) Applications and Materials Science, 2007, 204, 92-98. | 1.8 | 0         |
| 43 | An RBS study of thin PLD and MOCVD strontium copper oxide layers. Thin Solid Films, 2008, 516, 8136-8140.  | 1.8 | 0         |