

Evie L Papadopoulou

List of Publications by Year in descending order

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43
papers

1,123
citations

430874

18
h-index

395702

33
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44
all docs

44
docs citations

44
times ranked

1820
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermo-responsive nanofibers for on-demand biocompound delivery platform. <i>Chemical Engineering Journal</i> , 2022, 445, 136744.	12.7	11
2	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
3	Keratin-cinnamon essential oil biocomposite fibrous patches for skin burn care. <i>Materials Advances</i> , 2020, 1, 1805-1816.	5.4	20
4	Sustainable Active Food Packaging from Poly(lactic acid) and Cocoa Bean Shells. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 31317-31327.	8.0	71
5	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
6	Antibacterial bioelastomers with sustained povidone-iodine release. <i>Chemical Engineering Journal</i> , 2018, 347, 19-26.	12.7	32
7	Thin film growth of delafossite-related derivative Fe_2FeO_2 on a ZnO layer by pulsed laser deposition. <i>Thin Solid Films</i> , 2018, 645, 424-430.	1.8	6
8	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
9	Fabrication of Visible Light-Induced Antibacterial and Self-Cleaning Cotton Fabrics Using Manganese Doped TiO_2 Nanoparticles. <i>ACS Applied Bio Materials</i> , 2018, 1, 1154-1164.	4.6	72
10	Self-organized microporous cellulose-nylon membranes. <i>Polymer</i> , 2017, 120, 255-263.	3.8	7
11	Strain-responsive mercerized conductive cotton fabrics based on PEDOT:PSS/graphene. <i>Materials and Design</i> , 2017, 135, 213-222.	7.0	106
12	Graphene and polytetrafluoroethylene synergistically improve the tribological properties and adhesion of nylon 66 coatings. <i>Carbon</i> , 2017, 123, 26-33.	10.3	53
13	An efficient pure polyimide ammonia sensor. <i>Journal of Materials Chemistry C</i> , 2016, 4, 7790-7797.	5.5	20
14	Investigation of the electro-spinnability of alginate solutions containing gold precursor HAuCl_4 . <i>Journal of Colloid and Interface Science</i> , 2016, 483, 60-66.	9.4	3
15	Nylon 6,6/graphene nanoplatelet composite films obtained from a new solvent. <i>RSC Advances</i> , 2016, 6, 6823-6831.	3.6	52
16	Zwitterionic Nanofibers of Super-Glue for Transparent and Biocompatible Multi-Purpose Coatings. <i>Scientific Reports</i> , 2015, 5, 14019.	3.3	28
17	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
18	Self-Cleaning Organic/Inorganic Photo-Sensors. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 7139-7145.	8.0	33

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19	Detailed Studies of Yttrium Thin Films Deposited by Laser Radiation of Different Pulse Durations. <i>Physics Procedia</i> , 2012, 32, 335-339.	1.2	2
20	Y thin films by ultrashort pulsed laser deposition for photocathode application. <i>Applied Surface Science</i> , 2012, 258, 8719-8723.	6.1	9
21	Properties of Silicon and Metal Oxide Electrowetting Systems. <i>Journal of Adhesion Science and Technology</i> , 2012, 26, 2143-2163.	2.6	8
22	Nanosecond and femtosecond ablation of La _{0.6} Ca _{0.4} CoO ₃ : 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
23	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
24	Ultrafast electron dynamics in ZnO/Si micro-cones. <i>Applied Physics A: Materials Science and Processing</i> , 2010, 98, 701-705.	2.3	7
25	Femtosecond laser deposition of TiO ₂ by laser induced forward transfer. <i>Thin Solid Films</i> , 2010, 518, 5525-5529.	1.8	10
26	Laser induced forward transfer of metal oxides using femtosecond double pulses. <i>Applied Surface Science</i> , 2010, 257, 508-511.	6.1	18
27	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
28	Electrowetting Properties of ZnO and TiO ₂ Nanostructured Thin Films. <i>Journal of Physical Chemistry C</i> , 2010, 114, 10249-10253.	3.1	14
29	Silicon Scaffolds Promoting Three-Dimensional Neuronal Web of Cytoplasmic Processes. <i>Tissue Engineering - Part C: Methods</i> , 2010, 16, 497-502.	2.1	47
30	Mg-based photocathodes prepared by ns, ps and fs PLD for the production of high brightness electron beams. <i>Applied Surface Science</i> , 2009, 255, 5228-5231.	6.1	4
31	Reversible wettability of ZnO nanostructured thin films prepared by pulsed laser deposition. <i>Thin Solid Films</i> , 2009, 518, 1267-1270.	1.8	62
32	Structural and morphological characterization of TiO ₂ nanostructured films grown by nanosecond pulsed laser deposition. <i>Applied Surface Science</i> , 2009, 255, 5267-5270.	6.1	39
33	Reversible Photoinduced Wettability Transition of Hierarchical ZnO Structures. <i>Journal of Physical Chemistry C</i> , 2009, 113, 2891-2895.	3.1	124
34	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
35	The effect of PLD deposition parameters on the properties of p-SrCu ₂ O ₂ /n-Si diodes. <i>Thin Solid Films</i> , 2008, 516, 8154-8158.	1.8	4
36	The effect of deposition parameters on the properties of SrCu ₂ O ₂ films fabricated by pulsed laser deposition. <i>Thin Solid Films</i> , 2008, 516, 1449-1452.	1.8	12

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37	An RBS study of thin PLD and MOCVD strontium copper oxide layers. Thin Solid Films, 2008, 516, 8136-8140.	1.8	0
38	Deposition of thin films for sensors by pulsed laser ablation of iron and chromium silicide targets. Applied Surface Science, 2007, 254, 1288-1291.	6.1	10
39	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
40	Optical and microstructural properties of p-type SrCu ₂ O ₂ : First principles modeling and experimental studies. Thin Solid Films, 2007, 515, 8624-8631.	1.8	15
41	Negative giant longitudinal magnetoresistance in NiMnSb/InSb: Interface effect. Physical Review B, 2006, 74, .	3.2	9
42	Magnetic Aging in Bi ₂ Sr ₂ CaCu ₂ O ₈ Displaying the Paramagnetic Meissner Effect. Physical Review Letters, 1999, 82, 173-176.	7.8	47
43	ac susceptibility of a paramagnetic Meissner effect sample. Physica C: Superconductivity and Its Applications, 1998, 297, 317-325.	1.2	10