Maria KamiÅ„ska

List of Publications by Year
in descending order

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34	566	687220 13	642610 23
papers	citations	h-index	g-index

35	35	35	765
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mono- and Di-Pyrene [60]Fullerene and [70]Fullerene Derivatives as Potential Components for Photovoltaic Devices. Molecules, 2021, 26, 1561.	1.7	10
2	Investigation of polyaniline doped with camphorsulfonic acid in chloroform solution as a hole transporting layer in PTB7: PCBM and perovskite-based solar cells. Electrochimica Acta, 2021, 380, 138264.	2.6	14
3	Properties of graphene deposited on GaN nanowires: influence of nanowire roughness, self-induced nanogating and defects. Beilstein Journal of Nanotechnology, 2021, 12, 566-577.	1.5	3
4	The effects of doping and coating on degradation kinetics in perovskites. Solar Energy Materials and Solar Cells, 2021, 230, 111142.	3.0	8
5	Highly effective gating of graphene on GaN. Applied Surface Science, 2021, 560, 149939.	3.1	3
6	Electrochemical and optical studies of new symmetrical and unsymmetrical imines with thiazole and thiophene moieties. Electrochimica Acta, 2020, 332, 135476.	2.6	15
7	A comprehensive optical and electrical study of unsymmetrical imine with four thiophene rings and their binary and ternary compositions with PTB7 and PC70BM towards organic photovoltaics. RSC Advances, 2020, 10, 44958-44972.	1.7	9
8	Surface-enhanced Raman scattering in graphene deposited on Al Ga1âˆ'N/GaN axial heterostructure nanowires. Applied Surface Science, 2019, 475, 559-564.	3.1	7
9	Radiative recombination and other processes related to excess charge carriers, decisive for efficient performance of electronic devices. Lithuanian Journal of Physics, 2018, 58, .	0.1	5
10	Towards designing polymers for photovoltaic applications: A DFT and experimental study of polyazomethines with various chemical structures. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 181, 208-217.	2.0	12
11	High-spin configuration of Mn in Bi2Se3 three-dimensional topological insulator. Journal of Magnetism and Magnetic Materials, 2016, 419, 301-308.	1.0	8
12	Toward Better Efficiency of Air-Stable Polyazomethine-Based Organic Solar Cells Using Time-Resolved Photoluminescence and Light-Induced Electron Spin Resonance as Verification Methods. Journal of Physical Chemistry C, 2016, 120, 11415-11425.	1.5	24
13	Enhanced Raman scattering and weak localization in graphene deposited on GaN nanowires. Physical Review B, 2015, 92, .	1.1	9
14	New environmentally friendly polyazomethines with thiophene rings for polymer solar cells. Solar Energy, 2015, 117, 246-259.	2.9	51
15	Electron scattering in graphene with adsorbed NaCl nanoparticles. Journal of Applied Physics, 2015, 117, 014308.	1.1	3
16	How do 10-camphorsulfonic acid, silver or aluminum nanoparticles influence optical, electrochemical, electrochromic and photovoltaic properties of air and thermally stable triphenylamine-based polyazomethine with carbazole moieties?. Electrochimica Acta, 2015, 185, 198-210.	2.6	24
17	Li4Ti5O12 modified with Ag nanoparticles as an advanced anode material in lithium-ion batteries. Journal of Power Sources, 2014, 245, 764-771.	4.0	89
18	Novel graphene oxide/manganese oxide nanocomposites. RSC Advances, 2013, 3, 22857.	1.7	18

#	Article	IF	Citations
19	Investigation of optical and electrical properties of new aromatic polyazomethine with thiophene and cardo moieties toward application in organic solar cells. Synthetic Metals, 2013, 185-186, 17-24.	2.1	32
20	Microwave studies of weak localization and antilocalization in epitaxial graphene. , 2013, , .		1
21	Enhancement of elastic and inelastic scattering lengths in quasi-free-standing graphene measured with contactless microwave spectroscopy. Physical Review B, 2013, 88, .	1.1	9
22	Contactless microwave studies of weak localization in epitaxial graphene. Physical Review B, 2012, 86, .	1.1	10
23	Raman measurements of temperature dependencies of phonons in LiMnPO4. Materials Chemistry and Physics, 2011, 127, 391-396.	2.0	25
24	Structural and magnetic properties of the molecular beam epitaxy grown MnSb layers on GaAs substrates. Journal of Applied Physics, 2009, 106, .	1.1	9
25	Mn configuration in III-V semiconductors and its influence on electric transport and semiconductor magnetism. Physica Status Solidi C: Current Topics in Solid State Physics, 2009, 6, 2769-2777.	0.8	11
26	Structural and magnetic properties of MnAs/GaAs ferromagnetic semiconductor nanocomposite material. Journal of Materials Science: Materials in Electronics, 2008, 19, 740-743.	1.1	1
27	Mn and other magnetic impurities in GaN and other IIIâ€“V semiconductors â€“ perspective for spintronic applications. Journal of Materials Science: Materials in Electronics, 2008, 19, 828-834.	1.1	30
28	Chapter 8 Magnetic Impurities in Wide Bandâ€gap IIIâ€“V Semiconductors. Semiconductors and Semimetals, 2008, , 325-369.	0.4	9
29	Fabrication and Physical Properties of SiC-GaAs Nano-Composites. Solid State Phenomena, 2006, 114, 297-302.	0.3	1
30	Carbothermally-assisted aerosol synthesis of semiconducting materials in the system GaN/Mn. Journal of Physics and Chemistry of Solids, 2004, 65, 639-645.	1.9	17
31	Sâ€“d exchange interaction in GaN:Mn studied by electron paramagnetic resonance. Applied Physics Letters, 2003, 83, 5428-5430.	1.5	13
32	Influence of Be Doping on Material Properties of Low-Temperature-Grown GaAs. Materials Research Society Symposia Proceedings, 2002, 719, 141.	0.1	0
33	Chapter 2 EL2 Defect in GaAs. Semiconductors and Semimetals, 1993, 38, 59-89.	0.4	38
34	Low Temperature GaAs: Electrical and Optical Properties. Materials Science Forum, 1992, 83-87, 1033-1044.	0.3	48