Indrajit Mukhopadhyay

List of Publications by Year
in descending order

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155	2,642	186265	233421
papers	citations	28 h-index	45 g-index

158	158	158	3191
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of copper pretreatment on optical and electrical properties of camphor-based graphene by chemical vapour deposition. Journal of Materials Science: Materials in Electronics, 2022, 33, 8397-8408.	2.2	2
2	Pyroelectric properties of electrochemically anodized PbO thin films. Materials Research Bulletin, 2022, 146, 111609.	5.2	2
3	Highly stable n-hexacosane loaded exfoliated graphite nanosheets for enhanced thermal energy storage application. Journal of Energy Storage, 2022, 48, 103903.	8.1	8
4	DC and DP polarographic studies to explore the intermediate species form and operating conditions effects on electrodeposition of Cu from Cu(II) in the presence of alizarin red S. Chemical Papers, 2022, 76, 1745.	2.2	1
5	Fabrication of silver nanodome embedded zinc oxide nanorods for enhanced Raman spectroscopy. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 639, 128336.	4.7	9
6	Electrochemical deposition of Si nano-spheres from water contaminated ionic liquid at room temperature: Structural evolution and growth mechanism. Journal of Electroanalytical Chemistry, 2022, 910, 116175.	3.8	4
7	Ultra-stable silica/exfoliated graphite encapsulated n-hexacosane phase change nanocomposite: A promising material for thermal energy storage applications. Energy, 2022, 250, 123729.	8.8	22
8	Electrodeposited Ni-Mo Surface Alloy @ Ni-Foam for Electrocatalytic Hydrogen Generation in Acidic and Alkaline Media. Journal of the Electrochemical Society, 2022, 169, 056511.	2.9	6
9	Heterointerfaces of nickel sulphides and selenides on Ni-foam as efficient bifunctional electrocatalysts in acidic environments. Journal of Materials Chemistry A, 2022, 10, 12733-12746.	10.3	26
10	Hydrothermally grown MoS2 nanosheets under non-equilibrium condition and its electrocatalytic hydrogen evolution performance. Journal of Materials Research, 2022, 37, 1892-1903.	2.6	3
11	p-CuO films and photoelectrochemical corrosion. Journal of Electroanalytical Chemistry, 2022, 919, 116555.	3.8	2
12	Social benefit cost and life cycle cost analysis of sustainable biodiesel bus transport in India. International Journal of Sustainable Engineering, 2021, 14, 123-136.	3.5	9
13	Fabrication of silicon nanohorns via soft lithography technique for photoelectrochemical application. International Journal of Hydrogen Energy, 2021, 46, 16404-16413.	7.1	9
14	Core shell paraffin/silica nanocomposite: A promising phase change material for thermal energy storage. Renewable Energy, 2021, 167, 591-599.	8.9	62
15	Articulating effect of low copper content on structure and optoelectronic properties of spray deposited Cu2ZnSnS4 thin films â€“ From experiment and first-principles investigations. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2021, 263, 114912.	3.5	6
16	Unravelling camphor mediated synthesis of TiO2 nanorods over shape memory alloy for efficient energy harvesting. Applied Surface Science, 2021, 541, 148489.	6.1	25
17	Cutting edge cleaning solution for PV modules. Materials Today: Proceedings, 2021, 39, 2005-2008.	1.8	6
18	Synthesis and investigation of the structural properties of vanadium pentaoxide nano thread at low temperature. Materials Today: Proceedings, 2021, 47, 597-600.	1.8	1

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19	Electrochemical-thermal modelling of commercially available cylindrical lithium-ion cells for the tropical climate of India. Materials Today: Proceedings, 2021, 47, 647-651.	1.8	3
20	Titania coated Zinc Oxide nanorods: A study of structural and optical properties for photocatalytic applications. Materials Today: Proceedings, 2021, 47, 682-685.	1.8	2
21	Hydrothermal synthesis of silicon nanosphere embedded on carbon nanotubes for high-performance lithium-ion batteries. International Journal of Nanotechnology, 2021, 18, 483.	0.2	3
22	Role of surface passivation on the development of camphor based Graphene/SiNWAs schottky diode. Materials Today: Proceedings, 2021, 45, 3789-3794.	1.8	3
23	Self-standing, hybrid three-dimensional-porous MoS2/Ni3S2 foam electrocatalyst for hydrogen evolution reaction in alkaline medium. International Journal of Hydrogen Energy, 2021, 46, 7759-7771.	7.1	31
24	Effect of Azimuth and Tilt Angle on Ideally Designed Rooftop Solar PV Plant for Energy Generation. , 2021, , .		3
25	Nanogrids in India: A conceptual solution for off grid/rural electrification. , 2021, , .		1
26	Techno-Economic-Environment Analysis of Solar PV Smart Microgrid for Sustainable Rural Electrification in Agriculture community. , 2021, , .		3
27	Snail Trail Impact on Rooftop Solar PV Plant Energy Generation. , 2021, , .		1
28	The effects of some components on the electrodeposition process used for solar cell applications. Heliyon, 2021, 7, e07554.	3.2	2
29	SnS and SnS2 films by direct-coating from same molecular ink. Materials Science in Semiconductor Processing, 2021, 131, 105852.	4.0	5
30	Reviewâ€"Inorganic Solid State Electrolytes: Insights on Current and Future Scope. Journal of the Electrochemical Society, 2021, 168, 080536.	2.9	11
31	In-situ preparation of titania/graphene nanocomposite via a facile solâ€"gel strategy: A promising anodic material for Li-ion batteries. Materials Letters, 2021, 300, 130143.	2.6	17
32	Controlled restructuring of bidisperse silica nanospheres for size-selective nanowire growth. Materials Chemistry and Physics, 2021, 273, 125063.	4.0	3
33	Electrodeposition of silicon nanospheres on rGO coated copper substrate for lithium-ion batteries. Materials Today: Proceedings, 2021, 47, 691-696.	1.8	3
34	Thermal crowning mechanism in goldâ€"silica nanocomposites: plasmonic-photonic pairing in archetypal two-dimensional structures. Physical Chemistry Chemical Physics, 2021, 23, 17197-17207.	2.8	5
35	Pseudocapacitive Energy Storage in Copper Oxide and Hydroxide Nanostructures Casted Over Nickel-Foam. Springer Proceedings in Energy, 2021, , 1383-1391.	0.3	3
36	Electrodeposition of Si on Cu Substrate As Anode for Li-Ion Battery Application. ECS Meeting Abstracts, 2021, MA2021-02, 380-380.	0.0	0

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37	Effect of Doping Concentration on Grain Boundary Conductivity of Samaria Doped Ceria Composites. Journal of the Electrochemical Society, 2021, 168, 124515.	2.9	1
38	Controlled etching of silica nanospheres monolayer for template application: A systematic study. Applied Surface Science, 2020, 500, 144050.	6.1	14
39	Growth of titanium dioxide nanorod over shape memory material using chemical vapor deposition for energy conversion application. Materials Today: Proceedings, 2020, 28, 475-479.	1.8	30
40	Photoelectrochemical study of electrochemically synthesized CdTe thin films from acetate-anion based ionic liquid bath. Electrochimica Acta, 2020, 331, 135437.	5.2	10
41	Insight into the Specific Adsorption Properties of Pristine Ionic Liquid: Temperature Dependent Flatband Potential Study. ECS Transactions, 2020, 97, 731-736.	0.5	0
42	Role of nanowire length on the performance of a self-driven NIR photodetector based on mono/bi-layer graphene (camphor)/Si-nanowire Schottky junction. Nanotechnology, 2020, 31, 225208.	2.6	13
43	Comparative study of heat transfer characteristics of a tube equipped with X-shaped and twisted tape insert. Materials Today: Proceedings, 2020, 28, 1175-1180.	1.8	10
44	Electrodeposition of Stoichiometric CdTe from a Reusable Ionic Liquid Bath. ECS Transactions, 2020, 97, 479-484.	0.5	0
45	Low temperatureâ€“controlled synthesis of hierarchical Cu2O/Cu(OH)2/CuO nanostructures for energy applications. Journal of Materials Research, 2019, 34, 3173-3185.	2.6	31
46	Photoelectrochemical Properties of Î±-PbO Films Prepared by Spray Pyrolysis. Journal of the Electrochemical Society, 2019, 166, H698-H703.	2.9	4
47	Controlled Island Formation of Large-Area Graphene Sheets by Atmospheric Chemical Vapor Deposition: Role of Natural Camphor. ACS Omega, 2019, 4, 8758-8766.	3.5	15
48	Initializing the commercial viability of ionic liquids for the electrodeposition techniques: A detailed procedure for preparing CdTe thin films with high photo-absorption. Journal of Electroanalytical Chemistry, 2019, 847, 113233.	3.8	3
49	Raman study of galvanostatically deposited CdTe thin films from BmimCl. Physica B: Condensed Matter, 2019, 568, 36-41.	2.7	2
50	Solar to chemical energy conversion using titania nanorod photoanodes augmented by size distribution of plasmonic Au-nanoparticle. Materials Chemistry and Physics, 2019, 231, 322-334.	4.0	8
51	Transition Metal Dichalcogenide Anchored in 3D Nickel Framework with Graphene Support for Efficient Electrocatalytic Hydrogen Evolution. Advanced Sustainable Systems, 2019, 3, 1800168.	5.3	12
52	Development of highly sensitive H2O2 redox sensor from electrodeposited tellurium nanoparticles using ionic liquid. Biosensors and Bioelectronics, 2019, 132, 319-325.	10.1	24
53	The Effect of Substrate Temperature on the Phase Formation of Spray-Pyrolysed Ternary Cu2SnS3 for Thin-Film Solar Cells. Transactions of the Indian Institute of Metals, 2019, 72, 1675-1678.	1.5	2
54	Effective light polarization insensitive and omnidirectional properties of Si nanowire arrays developed on different crystallographic planes. Nanotechnology, 2019, 30, 124002.	2.6	14

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55	Nanoparticulate CdS 2D array by chemical bath deposition: Characterization and optoelectronic study. Materials Chemistry and Physics, 2019, 226, 26-33.	4.0	26
56	Systematic investigation of close-packed silica nanospheres monolayer under sintering conditions. Journal of the European Ceramic Society, 2019, 39, 1411-1419.	5.7	12
57	Electrochemical deposition of cabbage-like lead microstructures on fluorine-doped tin oxide for oxygen sensor application. Journal of Solid State Electrochemistry, 2019, 23, 159-167.	2.5	1
58	A solid carbon source based high performance mono/bi layer graphene/SiNWs heterojunction NIR photodetector. , 2019, , .		1
59	Effect of annealing atmosphere on microstructure, optical and electronic properties of spray-pyrolysed In-doped Zn(O,S) thin films. Bulletin of Materials Science, 2018, 41, 1.	1.7	3
60	Effective Photocurrent Enhancement in Nanostructured CuO by Organic Dye Sensitization: Studies on Charge Transfer Kinetics. Journal of Physical Chemistry C, 2018, 122, 3690-3699.	3.1	15
61	Electrodeposition of CdTe from BmimCl: Influence of substrate and electrolytic bath. Journal of Electroanalytical Chemistry, 2018, 814, 59-65.	3.8	8
62	Electrical properties modulation in spray pyrolysed Cu2SnS3 thin films through variation of copper precursor concentration for photovoltaic application. Journal of Analytical and Applied Pyrolysis, 2018, 136, 35-43.	5.5	13
63	Effect of vacuum and sulphur annealing on the structural properties of spray deposited Cu2SnS3 thin films. Vacuum, 2018, 158, 263-270.	3.5	17
64	One pot synthesis of pure micro/nano photoactive Î±-PbO crystals. AIP Conference Proceedings, 2018, , .	0.4	1
65	Synthesis and characterization of spray deposited CZTS thin films for photo-electrochemical application. AIP Conference Proceedings, 2018, , .	0.4	4
66	Solid-solution Zn(O,S) thin films: Potential alternative buffer layer for Cu2ZnSnS4 solar cells. AIP Conference Proceedings, 2018, , .	0.4	0
67	Fabrication of long-ranged close-packed monolayer of silica nanospheres by spin coating. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 553, 520-527.	4.7	33
68	Spray pyrolyzed Cu2SnS3 thin films for photovoltaic application. AIP Conference Proceedings, 2018, , .	0.4	2
69	Electrodeposition of CdTe thin film from acetate-based ionic liquid bath. AIP Conference Proceedings, 2018, , .	0.4	5
70	Effect of annealing temperature on the PEC performance of electrodeposited copper oxides. AIP Conference Proceedings, 2018, , .	0.4	2
71	Bidisperse silica nanoparticles close-packed monolayer on silicon substrate by three step spin method. AIP Conference Proceedings, 2018, , .	0.4	2
72	Achieving sub-50â€…nm controlled diameter of aperiodic Si nanowire arrays by ultrasonic catalyst removal for photonic applications. AIP Conference Proceedings, 2018, , .	0.4	0

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73	Inexpensive Cu2SnS3 grown by room-temperature aqueous bath electrodeposition for thin film solar cells. International Journal of Modern Physics B, 2018, 32, 1840071.	2.0	2
74	Effect of growth temperature and precursor concentration on synthesis of CVD-graphene from camphor. AIP Conference Proceedings, 2018, , .	0.4	1
75	TiO2 nanorods thin-films embedded with gold nanoparticles for enhanced photocatalytic activity. AIP Conference Proceedings, 2018, , .	0.4	0
76	Preface: International Conference on Nanomaterials for Energy Conversion and Storage Applications (NECSA 2018). AIP Conference Proceedings, 2018, , .	0.4	0
77	Preparation and characterization of Cu2SnS3 thin films by electrodeposition. AIP Conference Proceedings, 2018, , .	0.4	5
78	Determining the confined optical length of high index vertical Si nanoforest arrays for photonic applications. Journal of Applied Physics, 2018, 123, .	2.5	6
79	Photoactive lead oxide thin films by spray pyrolysis. AIP Conference Proceedings, 2018, , .	0.4	0
80	Electrodeposition of Si from an Ionic Liquid Bath at Room Temperature in the Presence of Water. Langmuir, 2017, 33, 1599-1604.	3.5	18
81	Optimization of photoelectrochemical performance in chemical bath deposited nanostructured CuO. Journal of Alloys and Compounds, 2017, 695, 3655-3665.	5.5	33
82	Reinforcement of Zn(O,S) buffer layer for efficient band matching in a kesterite (Cu2ZnSnS4) solar cell and its analysis using simulation tool for the application in energy harvesting. AIP Conference Proceedings, 2017, , .	0.4	1
83	Strong light absorption capability directed by structured profile of vertical Si nanowires. Optical Materials, 2017, 73, 449-458.	3.6	16
84	Structure, optical and electronic properties of solid solution Zn(O,S) thin films and the effect of annealing. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	2.3	6
85	Energy positive solar LED streetlight system. , 2017, , .		3
86	Highly Photoactive and Photo-Stable Spray Pyrolyzed Tenorite CuO Thin Films for Photoelectrochemical Energy Conversion. Journal of the Electrochemical Society, 2016, 163, H1195-H1203.	2.9	25
87	Electrical Characteristics of Horizontally and Vertically Oriented Few-Layer Graphene on Si-Based Dielectrics. Journal of Nanoscience and Nanotechnology, 2016, 16, 6246-6251.	0.9	3
88	Facile, Noncyanide Based Etching of Spray Deposited Cu₂ZnSnS₄ Thin Films for Secondary Phase Removal. ACS Sustainable Chemistry and Engineering, 2016, 4, 2302-2308.	6.7	31
89	Nanostructured SnS with inherent anisotropic optical properties for high photoactivity. Nanoscale, 2016, 8, 2293-2303.	5.6	123
90	Effect of initial bath condition and post-annealing on co-electrodeposition of Cu2ZnSnS4. Materials Chemistry and Physics, 2016, 171, 63-72.	4.0	21

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91	Effect of Annealing on Structural Properties of Electrodeposited CZTS Thin Films. IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India), 2016, 33, 2-6.	3.2	12
92	On the Applications of Newly Architectured CdTe Nanostructures from Ionic Liquid Medium. ECS Transactions, 2015, 69, 1-6.	0.5	0
93	In situ growth of CdTe nanostructures from a novel electrodeposition bath: tuning of electrical properties and reuse of ionic liquid. New Journal of Chemistry, 2015, 39, 1979-1985.	2.8	7
94	Electrochemical and electronic properties of flower-like MoS₂ nanostructures in aqueous and ionic liquid media. RSC Advances, 2015, 5, 57943-57949.	3.6	30
95	PbOx/Au-Pd core-shell structures for Schottky junction solar cells. , 2015, , .		1
96	Towards the fabrication of high quality superstructures from ionic liquid electrolytic bath. Proceedings of SPIE, 2015, , .	0.8	0
97	Interplay between enhanced charge storage and charge transfer mechanism in Cu doped PANI: The role of surface morphology. Journal of Electroanalytical Chemistry, 2015, 745, 88-97.	3.8	13
98	Impedance Analysis of Inherently Redoxâ€Active Ionicâ€Liquidâ€Based Photoelectrochemical Cells: Chargeâ€Transfer Mechanism in the Presence of an Additional Redox Couple. ChemPhysChem, 2015, 16, 1750-1756.	2.1	6
99	Schottky junction solar cells based on non-stoichiometric PbOxfilms. Journal Physics D: Applied Physics, 2015, 48, 025102.	2.8	8
100	Elucidating the effect of copper as a redox additive and dopant on the performance of a PANI based supercapacitor. Physical Chemistry Chemical Physics, 2015, 17, 878-887.	2.8	57
101	Molar optimization of spray pyrolyzed SnS thin films for photoelectrochemical applications. Journal of Alloys and Compounds, 2015, 619, 458-463.	5.5	35
102	Plasmon Enhanced Light Trapping to Improve Efficiency of Dye-Sensitized Solar Cell. Journal of Nanoscience and Nanotechnology, 2014, 14, 2624-2629.	0.9	3
103	Transparent Conductive Multiwall Carbon Nanotubes-Polymer Composite for Electrode Applications. Journal of Nanoscience and Nanotechnology, 2014, 14, 2816-2822.	0.9	5
104	Theoretical analysis of a Pico-hydro power system for energy generation in rural or isolated area. , 2014, , .		15
105	On the electrical and interface properties of nanostructured CdTe Schottky diodes electrodeposited from an ionic liquid medium. Journal of Applied Physics, 2014, 115, 224506.	2.5	11
106	Catalyst-free synthesis of silicon nanowires by oxidation and reduction process. Journal of Materials Science, 2014, 49, 3592-3597.	3.7	7
107	Influence of the magnitude and direction of electric field on the transport and growth property of deposited polyaniline films. Journal of Solid State Electrochemistry, 2014, 18, 453-463.	2.5	7
108	Elucidating Different Mass Flow Direction Induced Polyanilineâ€“Ionic Liquid Interface Properties: Insight Gained from DC Voltammetry and Impedance Spectroscopy. Journal of Physical Chemistry B, 2014, 118, 3235-3242.	2.6	16

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109	Junction characteristics of chemically-derived graphene/p-Si heterojunction solar cell. Carbon, 2014, 67, 766-774.	10.3	58
110	Preparation of CdTe thin film by electrodeposition in butyl methyl imidazolium bath at 80Â°C. Journal of Electroanalytical Chemistry, 2014, 713, 70-76.	3.8	26
111	Unraveling the photoelectrochemical properties of ionic liquids: cognizance of partially reversible redox activity. Physical Chemistry Chemical Physics, 2014, 16, 22735-22744.	2.8	9
112	Revealing the charge transport mechanism of a photoelectrochemical cell: analysis using A.C. voltage perturbation. Physical Chemistry Chemical Physics, 2014, 16, 20900-20908.	2.8	20
113	Influence of current collector electrode on the capacitive performance of electrodeposited PANI: insight gained from frequency and time domain analysis. RSC Advances, 2014, 4, 53740-53751.	3.6	17
114	Fabrication of Bi-Layer Graphene and Theoretical Simulation for Its Possible Application in Thin Film Solar Cell. Journal of Nanoscience and Nanotechnology, 2014, 14, 3022-3027.	0.9	9
115	Annealing influence over structural and optical properties of sprayed SnS thin films. Optical Materials, 2013, 35, 1693-1699.	3.6	60
116	Study of the junction and carrier lifetime properties of a spray-deposited CZTS thin-film solar cell. Semiconductor Science and Technology, 2013, 28, 055001.	2.0	31
117	Theoretical simulation of photovoltaic response of graphene-on-semiconductors. Applied Physics A: Materials Science and Processing, 2013, 111, 1159-1163.	2.3	16
118	Fabrication of multiple layer graphene films on Cuâ•SiO[sub 2]â•Si substrate by hot-filament chemical vapor deposition. , 2013, , .		0
119	Vertically oriented few-layer graphene as an electron field-emitter. Physica Status Solidi (A) Applications and Materials Science, 2013, 210, 1817-1821.	1.8	22
120	Structural, optical and electrical properties of spray-deposited CZTS thin films under a non-equilibrium growth condition. Journal Physics D: Applied Physics, 2012, 45, 445103.	2.8	144
121	Controlled Growth of Polyaniline Fractals on HOPG through Potentiodynamic Electropolymerization. Langmuir, 2012, 28, 5893-5899.	3.5	30
122	Thermal decomposition of hydromagnesite. Journal of Thermal Analysis and Calorimetry, 2012, 107, 439-445.	3.6	23
123	Controlled Synthesis of Different Morphologies of MgO and Their Use as Solid Base Catalysts. Journal of Physical Chemistry C, 2011, 115, 12308-12316.	3.1	150
124	Rectangular MgO microsheets with strong catalytic activity. Materials Chemistry and Physics, 2011, 129, 853-861.	4.0	87
125	Preparation of MgO nano-rods with strong catalytic activity via hydrated basic magnesium carbonates. Materials Research Bulletin, 2011, 46, 2163-2167.	5.2	52
126	Mesoporous carbonâ€“titania nanocomposites for high-power Li-ion battery anode material. Journal of Physics and Chemistry of Solids, 2010, 71, 511-514.	4.0	38

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127	Studies on Surface Functionalized Single Wall Carbon Nanotube for Electrochemical Double Layer Capacitor Application. Journal of Nanoscience and Nanotechnology, 2010, 10, 4089-4094.	0.9	9
128	Crystallization of Spherical Common Salt in the Submillimeter Size Range without Habit Modifier. Industrial & Engineering Chemistry Research, 2010, 49, 12197-12203.	3.7	24
129	Easy and effective synthesis of micrometer-sized rectangular MgO sheets with very high catalytic activity. Catalysis Communications, 2010, 11, 537-541.	3.3	78
130	Micellar transitions in the aqueous solutions of a surfactant-like ionic liquid: 1-butyl-3-methylimidazolium octylsulfate. Physical Chemistry Chemical Physics, 2010, 12, 11728.	2.8	77
131	Morphology of potassium chloride in aqueous and in formamide solution â€" An experimental and computational investigation. Canadian Journal of Chemistry, 2009, 87, 514-522.	1.1	9
132	Different methods of preparing electrode from single-wall carbon nanotubes and their effect on the Li ion insertion process. Journal of Solid State Electrochemistry, 2008, 12, 715-720.	2.5	5
133	Generation of Nanostructures by the Aggregation of Porphyrin Derivatives with Long Alkane Chain in Mix-Solvent. Journal of Nanomaterials, 2007, 2007, 1-8.	2.7	7
134	Semiconducting properties of the anodic films grown over PbIn alloy electrodes. Solar Energy Materials and Solar Cells, 2006, 90, 2605-2615.	6.2	3
135	Electrodeposition of Ti from TiCl4 in the ionic liquid l-methyl-3-butyl-imidazolium bis (trifluoro) Tj ETQq1 1 0.784314 rgBT /Overlock 1 scanning tunneling microscopy. Electrochimica Acta, 2005, 50, 1275-1281.	5.2	95
136	Electrochemical in situ STM study of Al and Tiâ€"Al alloy electrodeposition on Au(111) from a room temperature molten salt electrolyte. Physical Chemistry Chemical Physics, 2004, 6, 5225-5231.	2.8	31
137	Thickness induced metalâ€"nonmetal transition in ultrathin electrodeposited Ge films. Chemical Physics Letters, 2003, 377, 223-228.	2.6	18
138	Electrodeposition of Ti Nanowires on Highly Oriented Pyrolytic Graphite from an Ionic Liquid at Room Temperature. Langmuir, 2003, 19, 1951-1953.	3.5	70
139	Synthesis of vapor-grown carbon fibers from camphor without catalyst and their characterization. Journal of Materials Research, 2003, 18, 2033-2038.	2.6	2
140	Electrochemical Li Insertion in B-Doped Multiwall Carbon Nanotubes. Journal of the Electrochemical Society, 2002, 149, A39.	2.9	85
141	Electrochemical Li insertion into single-walled carbon nanotubes prepared by graphite arc-discharge method. Physica B: Condensed Matter, 2002, 323, 130-132.	2.7	21
142	Electrochemical lithium insertion of heat treated and chemically modified multi-wall carbon nanotubes. AIP Conference Proceedings, 2001, , .	0.4	0
143	Photoelectrochemical laser imaging on anodically prepared ?-PbO thin films. Journal of Solid State Electrochemistry, 1999, 3, 141-147.	2.5	8
144	Anodic oxidation of Pbâ€"In alloys in alkaline solution: Effect of In on electrochemical and photoelectrochemical behaviour of lead oxide. Solar Energy Materials and Solar Cells, 1998, 53, 83-94.	6.2	7

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145	Surface Modification by Potential Delay to Obtain a Photoactive PbO Film. Materials and Manufacturing Processes, 1997, 12, 925-933.	4.7	0
146	Surface modification by the potential delay technique to obtain a photoactive PbO film. Surface Science, 1997, 384, 234-239.	1.9	7
147	Investigation of semiconducting parameters of Pb_Sn alloy oxide-electrolyte interface by Butler Gartner model. Solar Energy Materials and Solar Cells, 1997, 45, 141-149.	6.2	5
148	Surface characterisation of anodic films of Pb-Sn alloy electrodes: the effect of Sn on the photoelectrochemical properties. Materials Chemistry and Physics, 1997, 49, 169-173.	4.0	4
149	A photoelectrochemical solar cell from camphoric p-carbon semiconductor. Solar Energy Materials and Solar Cells, 1997, 45, 35-41.	6.2	25
150	Application of the Gartner model to elucidate parameters adversely affecting photoactivity of thin film PbO in electrolyte. Electrochimica Acta, 1997, 42, 67-72.	5.2	5
151	Carbon photovoltaic cell. Carbon, 1997, 35, 863-864.	10.3	33
152	Photoelectrochemical studies of oxide film of PbOn + SnOn obtained by potentiodynamic anodisation of Pb + Sn alloy electrode in alkaline medium. Journal of Electroanalytical Chemistry, 1996, 401, 139-146.	3.8	9
153	Semiconducting multichannel-multilayer camphoric tubules. Carbon, 1995, 33, 331-333.	10.3	30
154	Photoelectrochemical studies of photoactive lead oxide prepared by the â€œPotential pulse coupled potentiodynamic anodization techniqueâ€•in alkaline medium. Journal of Electroanalytical Chemistry, 1994, 379, 531-534.	3.8	12
155	A powerful approach to develop nitrogen-doped graphene sheets: theoretical and experimental framework. Journal of Materials Science, 0, , .	3.7	3