

# C Justin Raj

## List of Publications by Year in descending order

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140  
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116194

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141  
docs citations

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times ranked

5007  
citing authors

#	ARTICLE	IF	CITATIONS
1	Origin of capacitance decay for a flower-like $\gamma$ -MnO <sub>2</sub> aqueous supercapacitor electrode: The quantitative surface and electrochemical analysis. Journal of Alloys and Compounds, 2022, 892, 162199.	2.8	19
2	Exploring the influence of tin in micro-structural, magneto-optical and antimicrobial traits of nickel oxide nanoparticles. Surfaces and Interfaces, 2022, 28, 101605.	1.5	12
3	Epitaxial Engineering Strategy to Amplify Localized Surface Plasmon Resonance and Electrocatalytic Activity Enhancement in Layered Bismuth Selenide by Phosphorus Functionalization. Batteries and Supercaps, 2022, 5, .	2.4	5
4	Oxides free materials for flexible and paper-based supercapacitors. , 2022, , 115-148.		0
5	Facile fabrication of flower-like binary metal oxide as a potential electrode material for high-performance hybrid supercapacitors. Ceramics International, 2022, 48, 9459-9467.	2.3	28
6	Influence of heat-treatment temperature on the improvement of the electrochemical performance of CoMoO <sub>4</sub> nanomaterials for hybrid supercapacitor application. Ceramics International, 2022, 48, 29018-29024.	2.3	15
7	Rational design and fabrication of one-dimensional hollow cuboid-like FeMoO <sub>4</sub> architecture as a high performance electrode for hybrid supercapacitor. Ceramics International, 2022, 48, 29144-29151.	2.3	10
8	Calcium copper titanate a perovskite oxide structure: effect of fabrication techniques and doping on electrical properties—a review. Journal of Materials Science: Materials in Electronics, 2022, 33, 15992-16028.	1.1	5
9	Impact of oxygenâ€defects induced electrochemical properties of threeâ€dimensional flowerâ€like $\text{CoMoO}_4$ nanoarchitecture for supercapacitor applications. International Journal of Energy Research, 2022, 46, 17043-17055.	2.2	7
10	High Energy Density Heteroatom (O, N and S) Enriched Activated Carbon for Rational Design of Symmetric Supercapacitors. Chemistry - A European Journal, 2021, 27, 669-682.	1.7	22
11	Interconnected networkâ€like single crystalline bimetallic carbonate hydroxide nanowires for high performance hybrid supercapacitors. International Journal of Energy Research, 2021, 45, 3064-3074.	2.2	20
12	Post synthetic annealing of zeolitic imidazolate framework-67 for high-performance hybrid supercapacitors. Applied Surface Science, 2021, 542, 148716.	3.1	28
13	$3D$ flowerâ€like oxygenâ€deficient nonâ€stoichiometry zinc cobaltite for high performance hybrid supercapacitors. International Journal of Energy Research, 2021, 45, 10832-10842.	2.2	29
14	In-situ functionalization of binder-free three-dimensional boron-doped mesoporous graphene electrocatalyst as a high-performance electrode material for all-vanadium redox flow batteries. Applied Materials Today, 2021, 22, 100950.	2.3	8
15	Cornhusk mesoporous activated carbon electrodes and seawater electrolyte: The sustainable sources for assembling retainable supercapacitor module. Journal of Power Sources, 2021, 490, 229518.	4.0	68
16	Electrodeposition of vanadium pentoxide on carbon fiber cloth as a binder-free electrode for high-performance asymmetric supercapacitor. Journal of Alloys and Compounds, 2021, 863, 158332.	2.8	41
17	$1D$ interconnected porous binary transition metal phosphide nanowires for high performance hybrid supercapacitors. International Journal of Energy Research, 2021, 45, 17005-17014.	2.2	15
18	Two dimensional layered nickel cobaltite nanosheets as an efficient electrode material for highâ€performance hybrid supercapacitor. International Journal of Energy Research, 2021, 45, 16134-16144.	2.2	9

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19	Nanowire architected porous bimetallic transition metal oxides for high performance hybrid supercapacitor applications. International Journal of Energy Research, 2021, 45, 18091-18102.	2.2	16
20	Selenium enriched hybrid metal chalcogenides with enhanced redox kinetics for high-energy density supercapacitors. Chemical Engineering Journal, 2021, 414, 128924.	6.6	64
21	Hierarchical $\text{NiCo} / \text{NiO} / \text{NiCo}_2\text{O}_4$ composite formation by solvothermal reaction as a potential electrode material for hydrogen evolutions and asymmetric supercapacitors. International Journal of Energy Research, 2021, 45, 19947-19961.	2.2	33
22	Boron and nitrogen doped graphene quantum dots on a surface modified Cu mesh for the determination of dopamine and epinephrine. Synthetic Metals, 2021, 278, 116831.	2.1	13
23	Dysprosium doped copper oxide ( $\text{Cu}_{1-x}\text{Dy}_x\text{O}$ ) nanoparticles enabled bifunctional electrode for overall water splitting. International Journal of Hydrogen Energy, 2021, 46, 27585-27596.	3.8	12
24	Synergistic integration of three-dimensional architecture composed of two-dimensional nanostructure ternary metal oxide for high-performance hybrid supercapacitors. International Journal of Energy Research, 2021, 45, 21170-21181.	2.2	9
25	Protonated nickel 2-methylimidazole framework as an advanced electrode material for high-performance hybrid supercapacitor. Materials Today Energy, 2021, 21, 100736.	2.5	17
26	$\text{Cu}_{1-x}\text{RE}_x\text{O}$ (RE = Al, Dy) decorated dendritic CuS nanoarrays for highly efficient splitting of seawater into hydrogen and oxygen fuels. Applied Materials Today, 2021, 24, 101079.	2.3	7
27	Template assisted synthesis of porous termite nest-like manganese cobalt phosphide as binder-free electrode for supercapacitors. Electrochimica Acta, 2021, 393, 139060.	2.6	21
28	Sonoelectrochemical exfoliation of graphene in various electrolytic environments and their structural and electrochemical properties. Carbon, 2021, 184, 266-276.	5.4	22
29	Rationally designed metal-organic framework templated iron-molybdenum sulfide for high energy density hybrid supercapacitors. Applied Surface Science, 2021, 570, 151051.	3.1	15
30	Phase Transformation of Amorphous to Crystalline of Multiwall Carbon Nanotubes by Shock Waves. Crystal Growth and Design, 2021, 21, 1617-1624.	1.4	33
31	Synergetic effects of lanthanum substituted Ni-Zn-Cu-Co ferrite nanocomposite with enhanced $\text{NH}_3$ sensing performance. Journal of Environmental Chemical Engineering, 2021, 9, 106829.	3.3	3
32	A Self-Branched Lamination of Hierarchical Patronite Nanoarchitectures on Carbon Fiber Cloth as Novel Electrode for Ionic Liquid Electrolyte-Based High Energy Density Supercapacitors. Advanced Functional Materials, 2020, 30, 1906586.	7.8	61
33	Engineering thermally activated $\text{NiMoO}_4$ nanoflowers and biowaste derived activated carbon-based electrodes for high-performance supercapatteries. Inorganic Chemistry Frontiers, 2020, 7, 369-384.	3.0	39
34	Synthesis of $^{64}\text{Cu}$ -Radiolabeled Folate-Conjugated Iron Oxide Nanoparticles for Cancer Diagnosis. Journal of Nanoscience and Nanotechnology, 2020, 20, 2040-2044.	0.9	14
35	Lanthanum doped copper oxide nanoparticles enabled proficient bi-functional electrocatalyst for overall water splitting. International Journal of Hydrogen Energy, 2020, 45, 24684-24696.	3.8	36
36	Improved Electrochemical Performance of $\text{Fe}_3\text{O}_4$ Nanoparticles Decorated Activated Carbon Supercapacitor Electrodes. Bulletin of the Korean Chemical Society, 2020, 41, 856-863.	1.0	11

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37	High-performance flexible and wearable planar supercapacitor of manganese dioxide nanoflowers on carbon fiber cloth. <i>Ceramics International</i> , 2020, 46, 21736-21743.	2.3	42
38	Pinecone biomass-derived activated carbon: the potential electrode material for the development of symmetric and asymmetric supercapacitors. <i>International Journal of Energy Research</i> , 2020, 44, 8591-8605.	2.2	80
39	Electrochemical polymerization of chloride doped PEDOT hierarchical porous nanostructure on graphite as a potential electrode for high performance supercapacitor. <i>Electrochimica Acta</i> , 2020, 354, 136669.	2.6	37
40	Electrochemical biosensing of mosquito-borne viral disease, dengue: A review. <i>Biosensors and Bioelectronics</i> , 2019, 142, 111511.	5.3	52
41	Synthesis and Biological Evaluation of Decursinol Derivatives as FoxO Inhibitors in HepG2 Cells. <i>Bulletin of the Korean Chemical Society</i> , 2019, 40, 767-774.	1.0	2
42	Assessment of air purifier on efficient removal of airborne bacteria, <i>Staphylococcus epidermidis</i> , using single-chamber method. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 720.	1.3	14
43	Self-coupled nickel sulfide @ nickel vanadium sulfide nanostructure as a novel high capacity electrode material for supercapattery. <i>Applied Surface Science</i> , 2019, 497, 143778.	3.1	59
44	Estimating the ionicity of an inverse spinel ferrite and the cation distribution of La-doped NiFe <sub>2</sub> O <sub>4</sub> nanocrystals for gas sensing properties. <i>Applied Physics A: Materials Science and Processing</i> , 2019, 125, 1.	1.1	7
45	Poly(butylene adipate-co-terephthalate) (PBAT)/Antimony-doped Tin Oxide Polymer Composite for Near Infrared Absorption Coating Applications. <i>Bulletin of the Korean Chemical Society</i> , 2019, 40, 674-679.	1.0	7
46	Efficient supercapattery behavior of mesoporous hydrous and anhydrous cobalt molybdate nanostructures. <i>Journal of Alloys and Compounds</i> , 2019, 789, 256-265.	2.8	41
47	HER2 inhibition efficiency of 6-amino-2-methyl-2-phenethyl-2H-benzopyran and feasibility of the Cu-labeled benzopyran derivative in cancer diagnosis. <i>New Journal of Chemistry</i> , 2019, 43, 18657-18662.	1.4	2
48	Selective design of binder-free hierarchical nickel molybdenum sulfide as a novel battery-type material for hybrid supercapacitors. <i>Journal of Materials Chemistry A</i> , 2019, 7, 25467-25480.	5.2	49
49	Electrochemical performances of highly stretchable polyurethane (PU) supercapacitors based on nanocarbon materials composites. <i>Journal of Alloys and Compounds</i> , 2019, 777, 67-72.	2.8	25
50	Vanadium Pentoxide with H <sub>2</sub> O, K <sup>+</sup> , and Na <sup>+</sup> Spacer between Layered Nanostructures for High-Performance Symmetric Electrochemical Capacitors. <i>Advanced Materials Interfaces</i> , 2018, 5, 1800041.	1.9	30
51	Effect of proton irradiation on the structural and electrochemical properties of MnO <sub>2</sub> nanosheets. <i>Journal of Electroanalytical Chemistry</i> , 2018, 811, 16-25.	1.9	5
52	Electrochemical impedance spectroscopic studies on aging-dependent electrochemical degradation of p-toluene sulfonic acid-doped polypyrrole thin film. <i>Ionics</i> , 2018, 24, 2335-2342.	1.2	12
53	High electrochemical capacitor performance of oxygen and nitrogen enriched activated carbon derived from the pyrolysis and activation of squid gladius chitin. <i>Journal of Power Sources</i> , 2018, 386, 66-76.	4.0	116
54	Electrochemical Behaviour of Lithium, Sodium and Potassium Ion Electrolytes in a Na <sub>0.33</sub> V <sub>2</sub> O <sub>5</sub> Symmetric Pseudocapacitor with High Performance and High Cyclic Stability. <i>ChemElectroChem</i> , 2018, 5, 101-111.	1.7	71

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55	Direct fabrication of two-dimensional copper sulfide nanoplates on transparent conducting glass for planar supercapacitor. <i>Journal of Alloys and Compounds</i> , 2018, 735, 2378-2383.	2.8	25
56	Rationally designed spider web-like trivanadium heptaoxide nanowires on carbon cloth as a new class of pseudocapacitive electrode for symmetric supercapacitors with high energy density and ultra-long cyclic stability. <i>Journal of Materials Chemistry A</i> , 2018, 6, 11390-11404.	5.2	37
57	Polypyrrole thin film on electrochemically modified graphite surface for mechanically stable and high-performance supercapacitor electrodes. <i>Electrochimica Acta</i> , 2018, 283, 1543-1550.	2.6	15
58	Feasibility of a polybisphenol A epichlorohydrin (PBAE)/antimony-doped tin oxide polymer composite as an NIR absorption coating for outdoor applications. <i>Journal of Coatings Technology Research</i> , 2018, 15, 885-889.	1.2	1
59	Polycrystalline V <sub>2</sub> O <sub>5</sub> /Na <sub>0.33</sub> V <sub>2</sub> O <sub>5</sub> electrode material for Li <sup>+</sup> ion redox supercapacitor. <i>Electrochimica Acta</i> , 2017, 230, 492-500.	2.6	22
60	Evaporative successive ionic layer adsorption and reaction polymerization of PEDOT: a simple and cost effective technique for binder free supercapacitor electrodes. <i>Electrochimica Acta</i> , 2017, 240, 231-238.	2.6	22
61	A high performance PEDOT/PEDOT symmetric supercapacitor by facile in-situ hydrothermal polymerization of PEDOT nanostructures on flexible carbon fibre cloth electrodes. <i>Materials Today Energy</i> , 2017, 6, 96-104.	2.5	124
62	Synthesis and <i>In Vivo</i> Evaluation of Decursinol Derivatives as Antidiabetics. <i>Bulletin of the Korean Chemical Society</i> , 2017, 38, 1075-1079.	1.0	1
63	Two-Dimensional Planar Supercapacitor Based on Zinc Oxide/Manganese Oxide Core/Shell Nano-architecture. <i>Electrochimica Acta</i> , 2017, 247, 949-957.	2.6	77
64	<i>In Vitro</i> PET/MRI Diagnosis and Targeted Chemotherapy for Cancer Using Radiolabeled Nanoprobe : A Theragnostic Approach. <i>Bulletin of the Korean Chemical Society</i> , 2016, 37, 886-892.	1.0	4
65	Mechanochemical synthesis of chitosan submicron particles from the gladius of <i>Todarodes pacificus</i> . <i>Journal of Advanced Research</i> , 2016, 7, 863-871.	4.4	9
66	Enhanced supercapacitive performances of functionalized activated carbon in novel gel polymer electrolytes with ionic liquid redox-mediated poly(vinyl alcohol)/phosphoric acid. <i>RSC Advances</i> , 2016, 6, 75376-75383.	1.7	53
67	Feasible study of polypyrrole film in single and double cationic ionic liquids as novel electrolytes for energy storage applications. <i>Synthetic Metals</i> , 2016, 222, 274-284.	2.1	5
68	Supercapacitive studies on electropolymerized natural organic phosphate doped polypyrrole thin films. <i>Electrochimica Acta</i> , 2016, 220, 373-383.	2.6	62
69	Expeditious and eco-friendly hydrothermal polymerization of PEDOT nanoparticles for binder-free high performance supercapacitor electrodes. <i>RSC Advances</i> , 2016, 6, 110433-110443.	1.7	17
70	Lu-177 preparation for radiotherapy application. <i>Applied Radiation and Isotopes</i> , 2016, 115, 8-12.	0.7	8
71	Electrochemical supercapacitor behaviour of functionalized candle flame carbon soot. <i>Bulletin of Materials Science</i> , 2016, 39, 241-248.	0.8	40
72	Facile synthesis and capacitive properties of nickel-cobalt binary metal oxide nanoaggregates via oxalate route. <i>Journal of Alloys and Compounds</i> , 2016, 674, 376-383.	2.8	25

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73	Origin of giant dielectric constant and conductivity behavior in Zn <sub>1-x</sub> Mg <sub>x</sub> O (0 ≤ x ≤ 0.1) ceramics. <i>Materials Research Bulletin</i> , 2016, 74, 1-8.	2.7	24
74	Synthesis and Evaluation of <sup>18</sup> F Labeled Pyrido[3,2-b]pyrazine Derivative as a Potential Imaging Agent for Non-small Cell Lung Cancer. <i>Bulletin of the Korean Chemical Society</i> , 2015, 36, 1778-1783.	1.0	3
75	Highly Flexible and Planar Supercapacitors Using Graphite Flakes/Polypyrrole in Polymer Lapping Film. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 13405-13414.	4.0	117
76	Effective immobilization of glucose oxidase on chitosan submicron particles from gladius of <i>Todarodes pacificus</i> for glucose sensing. <i>Bioelectrochemistry</i> , 2015, 104, 44-50.	2.4	23
77	Electrochemical performance of flexible poly(ethylene terephthalate) (PET) supercapacitor based on reduced graphene oxide (rGO)/single-wall carbon nanotubes (SWNTs). <i>Synthetic Metals</i> , 2015, 207, 116-121.	2.1	13
78	Amperometric glucose biosensor based on glucose oxidase immobilized over chitosan nanoparticles from gladius of <i>Uroteuthis duvauceli</i> . <i>Sensors and Actuators B: Chemical</i> , 2015, 215, 536-543.	4.0	63
79	Rapid hydrothermal synthesis of cobalt oxyhydroxide nanorods for supercapacitor applications. <i>Journal of Electroanalytical Chemistry</i> , 2015, 747, 130-135.	1.9	40
80	Synthesis and characterization of <sup>68</sup> Ga labeled Fe <sub>3</sub> O <sub>4</sub> nanoparticles for positron emission tomography (PET) and magnetic resonance imaging (MRI). <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2015, 305, 169-178.	0.7	17
81	Synthesis and optical properties of cerium doped zinc sulfide nano particles. <i>Superlattices and Microstructures</i> , 2015, 85, 274-281.	1.4	16
82	F and Ti Doped Silicate Nanocomposite Thin Films for Antimicrobial and Easy Clean Applications. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 9510-9514.	0.9	1
83	CdS/CdSe quantum dot-sensitized solar cells based on ZnO nanoparticle/nanorod composite electrodes. <i>Electronic Materials Letters</i> , 2014, 10, 1137-1142.	1.0	16
84	Synthesis of self-light-scattering wrinkle structured ZnO photoanode by sol-gel method for dye-sensitized solar cells. <i>Applied Physics A: Materials Science and Processing</i> , 2014, 116, 811-816.	1.1	13
85	Improved photovoltaic performance of CdSe/CdS/PbS quantum dot sensitized ZnO nanorod array solar cell. <i>Journal of Power Sources</i> , 2014, 248, 439-446.	4.0	104
86	Enhanced electrochemical properties of cobalt doped manganese dioxide nanowires. <i>Journal of Alloys and Compounds</i> , 2014, 617, 491-497.	2.8	48
87	Simple fabrication of ZnO/Pt/chitosan electrode for enzymatic glucose biosensor. <i>Sensors and Actuators B: Chemical</i> , 2014, 202, 827-833.	4.0	69
88	Electrochemical capacitor behavior of copper sulfide (CuS) nanoplatelets. <i>Journal of Alloys and Compounds</i> , 2014, 586, 191-196.	2.8	191
89	Zinc stannate nanoflower (Zn <sub>2</sub> SnO <sub>4</sub> ) photoanodes for efficient dye sensitized solar cells. <i>Materials Science in Semiconductor Processing</i> , 2014, 25, 52-58.	1.9	18
90	Surface treatments of silver rods with enhanced iodide adsorption for I-125 brachytherapy seeds. <i>Applied Radiation and Isotopes</i> , 2014, 85, 96-100.	0.7	5

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91	Photo-electrochemical properties of variously-sized titanium dioxide nanoparticle-based dye-sensitized solar cells. <i>Materials Science in Semiconductor Processing</i> , 2014, 26, 354-359.	1.9	3
92	Effect of CdSe/ZnS quantum dots dispersion in silicone based polymeric fluids. <i>Materials Letters</i> , 2014, 130, 43-47.	1.3	10
93	Synthesis of nano-bound microsphere Co <sub>3</sub> O <sub>4</sub> by simple polymer-assisted sol-gel technique. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	17
94	Zinc stannate nanoneedles for CdS/CdSe quantum dot sensitized solar cells. <i>Materials Letters</i> , 2013, 111, 28-31.	1.3	7
95	Highly efficient ZnO porous nanostructure for CdS/CdSe quantum dot sensitized solar cell. <i>Thin Solid Films</i> , 2013, 548, 636-640.	0.8	14
96	Banyan Root Structured Mg-Doped ZnO Photoanode Dye-Sensitized Solar Cells. <i>Journal of Physical Chemistry C</i> , 2013, 117, 2600-2607.	1.5	89
97	Hydrothermal synthesis of highly crystalline Zn <sub>2</sub> SnO <sub>4</sub> nanoflowers and their optical properties. <i>Journal of Alloys and Compounds</i> , 2013, 577, 131-137.	2.8	47
98	Synthesis and evaluation of thioflavin-T analogs as potential imaging agents for amyloid plaques. <i>Medicinal Chemistry Research</i> , 2013, 22, 4263-4268.	1.1	16
99	Surface reinforced platinum counter electrode for quantum dots sensitized solar cells. <i>Electrochimica Acta</i> , 2013, 103, 231-236.	2.6	64
100	Preparation of TiO <sub>2</sub> paste using poly(vinylpyrrolidone) for dye sensitized solar cells. <i>Thin Solid Films</i> , 2012, 520, 7018-7021.	0.8	15
101	Optical studies of nano-structured La-doped ZnO prepared by combustion method. <i>Materials Science in Semiconductor Processing</i> , 2012, 15, 308-313.	1.9	20
102	Electrochemical properties of TiO <sub>2</sub> encapsulated ZnO nanorod aggregates dye sensitized solar cells. <i>Journal of Alloys and Compounds</i> , 2012, 537, 159-164.	2.8	21
103	Simple coating technique for 2-dimensional zinc oxide nanostructure. <i>Crystal Research and Technology</i> , 2012, 47, 630-634.	0.6	0
104	Magnesium doped ZnO nanoparticles embedded ZnO nanorod hybrid electrodes for dye sensitized solar cells. <i>Journal of Sol-Gel Science and Technology</i> , 2012, 62, 453-459.	1.1	22
105	Performance of <i>Kerria japonica</i> and <i>Rosa chinensis</i> flower dyes as sensitizers for dye-sensitized solar cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 96, 305-309.	2.0	113
106	Investigation of dielectric, piezoelectric and ferroelectric properties of b-axis grown triglycine sulphate single crystal. <i>Applied Physics A: Materials Science and Processing</i> , 2011, 105, 1025-1031.	1.1	6
107	Synthesis from zinc oxalate, growth mechanism and optical properties of ZnO nano/micro structures. <i>Crystal Research and Technology</i> , 2011, 46, 1181-1188.	0.6	32
108	Optical and dielectric studies of gel grown $\pm$ -hopeite single crystal. <i>Optik</i> , 2011, 122, 1296-1300.	1.4	2

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109	Synthesis and Characterization of 3-[ <sup>131</sup> I]Iodo-L-Tyrosine Grafted Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> Nanocomposite for Single Photon Emission Computed Tomography (SPECT) and Magnetic Resonance Imaging (MRI). Journal of Nanoscience and Nanotechnology, 2011, 11, 1818-1821.	0.9	18
110	Growth and characterization of pure and doped L-Lysine monohydrochloride dihydrate (L-LMHCl) nonlinear optical single crystals. Current Applied Physics, 2010, 10, 670-675.	1.1	10
111	Growth, structural, optical, thermal and mechanical studies of novel semi-organic NLO active single crystal: Heptaqua-p-nitrophenolato strontium (I) nitrophenol. Journal of Crystal Growth, 2010, 312, 793-799.	0.7	18
112	Growth, theoretical and optical studies on potassium dihydrogen phosphate (KDP) single crystals by modified Sankaranarayanan-Ramasamy (mSR) method. Physica B: Condensed Matter, 2010, 405, 20-24.	1.3	140
113	Spectral, optical and mechanical studies on l-histidine hydrochloride monohydrate (LHC) single crystals grown by unidirectional growth technique. Physica B: Condensed Matter, 2010, 405, 3248-3252.	1.3	32
114	Synthesis and electrical properties of the (PVA)0.7(KI)0.3·xH <sub>2</sub> SO <sub>4</sub> (0 ≤ x ≤ 5) polymer electrolytes and their performance in a primary Zn/MnO <sub>2</sub> battery. Electrochimica Acta, 2010, 56, 649-656.	2.6	34
115	Bulk crystal growth and characterization of non-linear optical bithiourea zinc chloride single crystal by unidirectional growth method. Current Applied Physics, 2010, 10, 548-552.	1.1	42
116	Growth and characterization of NLO active lithium sulphate monohydrate single crystals. Crystal Research and Technology, 2009, 44, 1272-1276.	0.6	46
117	Synthesis and elucidation of deuterated vanillylamine hydrochloride and capsaicin. Journal of Labelled Compounds and Radiopharmaceuticals, 2009, 52, 563-565.	0.5	4
118	Growth of a Bulk Organic Single Crystal of Benzoylglycine by Unidirectional Crystal Growth Method. Crystal Growth and Design, 2009, 9, 151-155.	1.4	19
119	Growth and optical absorption studies on potassium dihydrogen phosphate single crystals. Crystal Research and Technology, 2008, 43, 245-247.	0.6	24
120	Optical and dielectric studies on pure and Ni <sup>2+</sup> , Co <sup>2+</sup> doped single crystals of bis thiourea cadmium chloride. Crystal Research and Technology, 2008, 43, 428-432.	0.6	22
121	Investigation of optical band gap in potassium acid phthalate single crystal. Crystal Research and Technology, 2008, 43, 670-673.	0.6	37
122	Optical and dielectric studies on succinic acid single crystals. Crystal Research and Technology, 2008, 43, 845-850.	0.6	18
123	Synthesis and characterization of doped lithium aluminate nanocrystalline particles by sol-gel method. Crystal Research and Technology, 2008, 43, 823-827.	0.6	11
124	Growth and characterization of novel ferroelectric urea-succinic acid single crystals. Journal of Crystal Growth, 2008, 310, 3313-3317.	0.7	44
125	Optical, thermal, dielectric and ferroelectric behaviour of sodium acid phthalate (SAP) single crystals. Journal of Physics and Chemistry of Solids, 2008, 69, 2883-2887.	1.9	31
126	Mechanical, theoretical and dielectric studies on ferroelectric lithium ammonium sulphate (LAS) single crystals. Solid-State Electronics, 2008, 52, 1157-1161.	0.8	20



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127	Studies on optical, mechanical and transport properties of NLO active l-alanine formate single crystal grown by modified Sankaranarayananâ€”Ramasamy (SR) method. Optics Communications, 2008, 281, 2285-2290.	1.0	73
128	Investigations on the nucleation studies of sodium paranitrophenolate dihydrate single crystal. Materials Research Bulletin, 2008, 43, 2010-2017.	2.7	7
129	Synthesis, growth, structural, optical, photoconductivity and dielectric studies on potassium p-nitrophenolate dihydrate: A new semiorganic nonlinear optical material. Materials Research Bulletin, 2008, 43, 3587-3595.	2.7	16
130	Synthesis, Growth, and Characterization of Novel Nonlinear Optical Active Dichloridodiglycine Zinc Dihydrate Single Crystals. Crystal Growth and Design, 2008, 8, 1663-1667.	1.4	22
131	Growth and Characterization of Novel Nonlinear Optical Potassium Boromalate Monohydrate (KBM) Single Crystal Grown by Modified Sankaranarayanan Ramasamy (SR) Method. Crystal Growth and Design, 2008, 8, 3956-3958.	1.4	6
132	Bulk Growth and Characterization of Semiorganic Nonlinear Optical l-Alanine Cadmium Chloride Single Crystal by Modified Sankaranarayananâ€”Ramasamy Method. Crystal Growth and Design, 2008, 8, 2729-2732.	1.4	24
133	Growth and characterization of nonlinear optical zinc hydrogen phosphate single crystal grown in silica gel. Crystal Research and Technology, 2007, 42, 344-348.	0.6	31
134	Growth and characterization of succinic acid single crystals. Crystal Research and Technology, 2007, 42, 1087-1090.	0.6	60
135	A study on a tandem target for a simultaneous production of $^{11}\text{C}$ and $^{18}\text{F}$ . Journal of Labelled Compounds and Radiopharmaceuticals, 2007, 50, 567-568.	0.5	0
136	Synthesis of lipophilic ammonium cations as tumour imaging agent for PET. Journal of Labelled Compounds and Radiopharmaceuticals, 2007, 50, 600-601.	0.5	0
137	Growth, microhardness, dielectric and photoconductivity studies on NPNaLi: A promising crystal for NLO applications. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2007, 136, 57-61.	1.7	13
138	Growth and characterization of nonlinear optical active l-alanine formate crystal by modified Sankaranarayananâ€”Ramasamy (SR) method. Journal of Crystal Growth, 2007, 304, 191-195.	0.7	39
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