Nallani Satyanarayana

List of Publications by Year
in descending order

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130 papers	2,789 citations	172457 29 h-index	254184 43 g-index
130 all docs	130 docs citations	130 times ranked	2884 citing authors

#	Article	IF	Citations
1	Novel Dispersion of 1D Nanofiber Fillers for Fast Ion-Conducting Nanocomposite Polymer Blend Quasi-Solid Electrolytes for Dye-Sensitized Solar Cells. ACS Omega, 2022, 7, 1658-1670.	3.5	19
2	Review on the recent progress in the nanocomposite polymer electrolytes on the performance of lithiumâ€ion batteries. International Journal of Energy Research, 2022, 46, 7137-7174.	4.5	11
3	A novel hybrid approach for the optimization of <scp>doubleâ€diode</scp> model parameters of solar cell. International Journal of Energy Research, 2022, 46, 14766-14778.	4.5	4
4	Rapid microwave hydrothermal processed spinel Co₃O₄ nanospheres infused N-doped graphene nanosheets for high-performance battery. Nanotechnology, 2022, 33, 425402.	2.6	4
5	Capacity fading mechanism of Li2O loaded NiFe2O4/SiO2 aerogel anode for lithium-ion battery: Ex-situ XPS analysis. Applied Surface Science, 2021, 535, 147677.	6.1	55
6	Electrochemical performance of SnO2 rods and SnO2/rGO, SnO2/MWCNTs composite materials as an anode for lithium-ion battery application-A comparative study. Journal of Materials Science: Materials in Electronics, 2021, 32, 7619-7629.	2.2	6
7	Microwave hydrothermal synthesis and electrochemical characterization of NiMoO4 nanosheets/SnO2 nanospheres/rGO nanocomposite as high-performance anode for lithium-ion batteries. Inorganic Chemistry Communication, 2021, 133, 108916.	3.9	5
8	Enhanced energy storage performance of nanocrystalline Sm-doped CoFe2O4 as an effective anode material for Li-ion battery applications. Journal of Solid State Electrochemistry, 2020, 24, 225-236.	2.5	12
9	Ion and electron-conducting additive effect on Li-ion charge storage performance of CuFe2O4/SiO2 composite aerogel anode. Ceramics International, 2020, 46, 25330-25340.	4.8	5
10	Structural and Electrochemical Studies of La₂O₃Coated LiCoO₂Particles. Transactions of the Indian Ceramic Society, 2020, 79, 120-124.	1.0	4
11	Ionic relaxation of electrospun nanocomposite polymer-blend quasi-solid electrolyte for high photovoltaic performance of Dye-sensitized solar cells. Materials Chemistry and Physics, 2020, 250, 122945.	4.0	17
12	Rational design of SnO2 nanoflakes as a stable and high rate anode for lithium-ion batteries. Journal of Materials Science: Materials in Electronics, 2020, 31, 8556-8563.	2.2	2
13	Enhanced ionic conductivity of electrospun nanocomposite (PVDFâ€HFPâ€‰+â€‰TiO 2 nanofibers fillers) polymer fibrous membrane electrolyte for DSSC application. Polymer Composites, 2019, 40, 1585-1594.	4.6	101
14	Facile synthesis of MoO3/rGO nanocomposite as anode materials for high performance lithium-ion battery applications. Journal of Alloys and Compounds, 2019, 810, 151920.	5.5	39
15	Role of quercetin and caloric restriction on the biomolecular composition of aged rat cerebral cortex: An FTIR study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 220, 117128.	3.9	8
16	Electrospun Nanocomposite Agâ€“ZnO Nanofibrous Photoanode for Better Performance of Dye-Sensitized Solar Cells. Journal of Electronic Materials, 2019, 48, 4389-4399.	2.2	11
17	Surface modified LiCoO2 as cathode for Li ion battery application. Materials Today: Proceedings, 2019, 19, 2654-2657.	1.8	8
18	A novel electrospun cobalt-doped zinc oxide nanofibers as photoanode for dye-sensitized solar cell. Materials Research Express, 2019, 6, 025041.	1.6	17

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19	Hydrothermal synthesis of novel Mn1/3Ni1/3Co1/3MoO4 on reduced graphene oxide with a high electrochemical performance for supercapacitors. Journal of Alloys and Compounds, 2019, 778, 900-912.	5.5	15
20	High conducting nanocomposite electrospun PVDF-HFP/ $$hbox {TiO}_{2}$$ TiO 2 quasi-solid electrolyte for dye-sensitized solar cell. Journal of Materials Science: Materials in Electronics, 2019, 30, 1199-1213.	2.2	23
21	Conductivity and dielectric permittivity studies of KIâ€based nanocomposite (PEO/PMMA/KI/I₂/ZnO nanorods) polymer solid electrolytes. Polymer Composites, 2019, 40, 2919-2928.	4.6	26
22	Î²-PVDF based electrospun nanofibers â€“ A promising material for developing cardiac patches. Medical Hypotheses, 2019, 122, 31-34.	1.5	37
23	Structural characterization, electrical conductivity and open circuit voltage studies of the nanocrystalline La10Si6O27 electrolyte material for SOFCs. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	2.3	7
24	Electrospun Snâ€“SnO2/C composite nanofibers as an anode material for lithium battery applications. Journal of Materials Science: Materials in Electronics, 2018, 29, 11117-11123.	2.2	15
25	Surfactant-free microwave hydrothermal synthesis of SnO2 nanosheets as an anode material for lithium battery applications. Ceramics International, 2018, 44, 201-207.	4.8	38
26	Surfactant-free microwave-hydrothermal synthesis of SnO2 flower-like structures as an anode material for lithium-ion batteries. Materialia, 2018, 4, 276-281.	2.7	14
27	Structural and Optical Studies of ZnO Nanostructures Synthesized by Rapid Microwave Assisted Hydrothermal and Solvothermal Methods. Transactions of the Indian Ceramic Society, 2018, 77, 169-174.	1.0	8
28	Enhanced electrochemical performance of MnCo2O4 nanorods synthesized via microwave hydrothermal method for supercapacitor applications. Journal of Materials Science: Materials in Electronics, 2018, 29, 21194-21204.	2.2	26
29	Microwave-assisted hydrothermal synthesis of SnO2/reduced graphene-oxide nanocomposite as anode material for high performance lithium-ion batteries. Journal of Materials Science: Materials in Electronics, 2018, 29, 14723-14732.	2.2	15
30	High Capacity Electrospun MgFe₂O₄â€“C Composite Nanofibers as an Anode Material for Lithium Ion Batteries. ChemistrySelect, 2018, 3, 8010-8017.	1.5	19
31	Electrospun nanocomposite polymer fibrous membrane electrolyte for DSSC application. AIP Conference Proceedings, 2018, , .	0.4	4
32	Scalable novel PVDF based nanocomposite foam for direct blood contact and cardiac patch applications. Journal of the Mechanical Behavior of Biomedical Materials, 2018, 88, 270-280.	3.1	14
33	Microwave hydrothermal synthesis of Î±-MnMoO₄nanorods for high electrochemical performance supercapacitors. RSC Advances, 2018, 8, 22559-22568.	3.6	29
34	Structural, electrical and dielectric properties of nanocrystalline LiMgBO3 particles synthesized by Pechini process. Journal of Alloys and Compounds, 2017, 718, 459-470.	5.5	19
35	Structural characterization and impedance studies of PbO nanofibers synthesized by electrospinning technique. Materials Chemistry and Physics, 2017, 194, 188-197.	4.0	22
36	Synthesis, characterization and electrical properties of mesoporous nanocrystalline CoFe2O4 as a negative electrode material for lithium battery applications. Journal of Materials Science: Materials in Electronics, 2017, 28, 17208-17214.	2.2	12

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37	Symbiotic organism search algorithm for simulation of J-V characteristics and optimizing internal parameters of DSSC developed using electrospun TiO2 nanofibers. Journal of Nanoparticle Research, 2017, 19, 1.	1.9	12
38	Structural and Electrical Conductivity studies of Spinel LiMn2O4 Cathode films grown by RF Sputtering. Materials Today: Proceedings, 2016, 3, 4046-4051.	1.8	12
39	Structural and Electrical Conductivity Studies of LiMgBO3 Nanoparticles Prepared by Pechini process. Materials Today: Proceedings, 2016, 3, 4064-4069.	1.8	6
40	Preparation of LiMn2O4 Nanorods and Nanoparticles for Lithium-ion Battery Applications. Materials Today: Proceedings, 2016, 3, 4040-4045.	1.8	23
41	Electrical and electrochemical studies of nanocrystalline mesoporous MgFe2O4 as anode material for lithium battery applications. Ceramics International, 2016, 42, 16789-16797.	4.8	42
42	Effect of PMMA blend and ZnAl₂O₄ fillers on ionic conductivity and electrochemical performance of electrospun nanocomposite polymer blend fibrous electrolyte membranes for lithium batteries. RSC Advances, 2016, 6, 6486-6495.	3.6	18
43	Enhanced electrochemical performance of carbon-coated LiMPO4 (MÂ=ÂCo and Ni) nanoparticles as cathodes for high-voltage lithium-ion battery. Journal of Solid State Electrochemistry, 2016, 20, 1855-1863.	2.5	19
44	Synthesis, characterization and conductivity studies of ZnFe2O4 nanoparticles. AIP Conference Proceedings, 2015, , .	0.4	1
45	Synthesis of hematite Î±-Fe2O3 nanospheres for lithium ion battery applications. AIP Conference Proceedings, 2015, , .	0.4	5
46	Structural and ionic conductivity studies of electrospun polymer blend P(VdF-co-HFP)/PMMA electrolyte membrane for lithium battery application. AIP Conference Proceedings, 2015, , .	0.4	0
47	A.C conductivity and dielectric properties of spinel LiMn2O4 nanorods. Ceramics International, 2015, 41, 14070-14077.	4.8	38
48	Lanthanum ion (La³⁺) substituted CoFe₂O₄ anode material for lithium ion battery applications. New Journal of Chemistry, 2015, 39, 4601-4610.	2.8	27
49	Electrochemical Characterization of Electrospun Nanocomposite Polymer Blend Electrolyte Fibrous Membrane for Lithium Battery. Journal of Physical Chemistry B, 2015, 119, 5299-5308.	2.6	26
50	Rapid microwave assisted hydrothermal synthesis of porous Î±-Fe₂O₃nanostructures as stable and high capacity negative electrode for lithium and sodium ion batteries. RSC Advances, 2015, 5, 34761-34768.	3.6	50
51	On the photo-luminescence properties of solâ€“gel derived undoped and Dy3+ ion doped nanocrystalline Scheelite type AMoO4 (A = Ca, Sr and Ba). Materials Research Bulletin, 2015, 64, 223-232.	5.2	41
52	Synthesis and characterization of AgNP:ZrO2 functional nanomaterials by leaf extract assisted bioreduction process. Ceramics International, 2015, 41, 3305-3311.	4.8	14
53	Structural, electrical and dielectric properties of spinel type MgAl2O4 nanocrystalline ceramic particles synthesized by the gel-combustion method. Ceramics International, 2015, 41, 3178-3185.	4.8	51
54	Structural characterization and photoluminescence properties of solâ€“gel derived nanocrystalline BaMoO4:Dy3+. Journal of Luminescence, 2015, 158, 203-210.	3.1	40

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55	Electrospun nanocomposite fibrous polymer electrolyte for secondary lithium battery applications. AIP Conference Proceedings, 2014, , .	0.4	4
56	Structural characterization and electrical conductivity studies of BaMoO4 nanofibers prepared by solâ€“gel and electrospinning techniques. Journal of Sol-Gel Science and Technology, 2014, 72, 480-489.	2.4	23
57	Structural characterisation and electrical conductivity studies of BaMoO₄nanorods prepared by modified acrylamide assisted solâ€“gel process. Advances in Applied Ceramics, 2014, 113, 372-379.	1.1	4
58	Structural, electrical and dielectric studies of nanocrystalline LiMnPO4 particles. Ionics, 2014, 20, 927-934.	2.4	18
59	Electrochemical studies of electrospun organic/inorganic hybrid nanocomposite fibrous polymer electrolyte for lithium battery. Polymer, 2014, 55, 1136-1142.	3.8	41
60	Characterization and Electrochemical Properties of P(VdFâ€coâ€HFP) Based Electrospun Nanocomposite Fibrous Polymer Electrolyte Membrane for Lithium Battery Applications. Electroanalysis, 2014, 26, 2373-2379.	2.9	20
61	Binder effect on the battery performance of mesoporous copper ferrite nanoparticles with grain boundaries as anode materials. RSC Advances, 2014, 4, 44089-44099.	3.6	22
62	Electrical and dielectric properties of rare earth oxides coated LiCoO2 particles. Ionics, 2014, 20, 175-181.	2.4	25
63	Preparation, characterization and electrical conductivity studies of nanocrystalline scheelite Ba1â^'xDyxMoO4+Î´. Ceramics International, 2014, 40, 2349-2358.	4.8	13
64	Effect of ZnO filler concentration on the conductivity, structure and morphology of PVdF-HFP nanocomposite solid polymer electrolyte for lithium battery application. Ionics, 2013, 19, 1835-1842.	2.4	46
65	Solâ€“gel mediated surface modification of nanocrystalline NiFe2O4 spinel powders with amorphous SiO2. Ceramics International, 2013, 39, 4105-4111.	4.8	22
66	Enhanced conductivity and electrical relaxation studies of carbon-coated LiMnPO4 nanorods. Ionics, 2013, 19, 461-469.	2.4	20
67	Facile fabrication and characterisation of MoO₃coated nanocrystalline ZrO₂by polymeric resin route. Advances in Applied Ceramics, 2013, 112, 460-465.	1.1	0
68	Optical studies of ZnO nanoparticles and 1-D nanofibers. AIP Conference Proceedings, 2013, , .	0.4	1
69	Nanofibers: Effective Generation by Electrospinning and Their Applications. Journal of Nanoscience and Nanotechnology, 2012, 12, 1-25.	0.9	278
70	Functionalization of single-walled carbon nanotubes with silver nanoparticles using Tecoma stans leaf extract. Physica E: Low-Dimensional Systems and Nanostructures, 2012, 44, 1725-1729.	2.7	16
71	Three-dimensional lithium manganese phosphate microflowers for lithium-ion battery applications. Journal of Applied Electrochemistry, 2012, 42, 163-167.	2.9	11
72	Electrical conductivity studies of nanocrystalline lanthanum silicate synthesized by solâ€“gel route. Journal of Alloys and Compounds, 2011, 509, 1138-1145.	5.5	20

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73	Carbon Coated LiMnPO[sub 4] Nanorods for Lithium Batteries. Journal of the Electrochemical Society, 2011, 158, A227.	2.9	76
74	Preparation, characterization and electrical conductivity studies of nanocrystalline La doped BaMoO4. Materials Research Bulletin, 2011, 46, 32-41.	5.2	18
75	Preparation and characterization of nanocrystalline CoFe2O4 deposited on SiO2: in situ solâ€“gel process. Journal of Sol-Gel Science and Technology, 2011, 58, 24-32.	2.4	13
76	Novel Polymeric Resin Route for the Surface Modification of Nanocrystalline LiCoO₂ Particles with Al₂O₃. Nanoscience and Nanotechnology Letters, 2011, 3, 161-165.	0.4	3
77	Acrylamide assisted polymeric citrate route for the synthesis of nanocrystalline ZrO2 powder. Materials Chemistry and Physics, 2010, 120, 148-154.	4.0	15
78	Synthesis of SiO[sub 2]âˆ•CoFe[sub 2]O[sub 4] nanocomposite by Base Catalyst Assisted In-situ Sol-Gel Process. , 2010, , .		1
79	Ammonium carboxylates assisted combustion process for the synthesis of nanocrystalline LiCoO2 powders. Materials Chemistry and Physics, 2008, 109, 241-248.	4.0	14
80	Solâ€“gel synthesis and characterization of Li2Oâ€“As2O5â€“SiO2 glassy system. Materials Chemistry and Physics, 2008, 111, 24-28.	4.0	15
81	Synthesis and characterization of nanocrystalline LiNi0.5Co0.5VO4 powders by citric acid assisted solâ€“gel combustion process. Journal of Alloys and Compounds, 2008, 462, 328-334.	5.5	37
82	Novel urea assisted polymeric citrate route for the synthesis of nanocrystalline spinel LiMn2O4 powders. Journal of Alloys and Compounds, 2007, 441, 284-290.	5.5	35
83	AC Conductivity and Electrical Modulus Studies on Lithium Vanadophosphate Glasses. Journal of the American Ceramic Society, 2007, 90, 125-131.	3.8	20
84	Preparation and characterization of nanocrystallite size cuprous oxide. Materials Research Bulletin, 2007, 42, 1619-1624.	5.2	58
85	Preparation of NiAl2O4/SiO2 and Co2+-Doped NiAl2O4/SiO2 Nanocomposites by the Sol-Gel Route. Journal of the American Ceramic Society, 2006, 89, 060427083300002-???.	3.8	5
86	Solâ€“gel synthesis, structural characterization and ion transport studies of lithium samariumsilicate for lithium battery application. Materials Chemistry and Physics, 2006, 95, 16-23.	4.0	13
87	Effect of calcining temperature on the electrochemical performance of nanocrystalline LiMn2O4 powders prepared by polyethylene glycol (PEG-400) assisted Pechini process. Materials Letters, 2006, 60, 3212-3216.	2.6	20
88	Effect of different ethylene glycol precursors on the Pechini process for the synthesis of nano-crystalline LiNi0.5Co0.5VO4 powders. Materials Chemistry and Physics, 2005, 91, 54-59.	4.0	29
89	Effect of acid catalyst concentration on structure and conductivity studies of quaternary lithium-based glasses synthesized by solâ€“gel route. Materials Letters, 2005, 59, 934-939.	2.6	2
90	Transport and solid state battery characteristic studies of silver based super ion conducting glasses. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2005, 119, 136-143.	3.5	30

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91	Acid catalyst concentration effect on structure and ion relaxation studies of Li2Oâ€“P2O5â€“B2O3â€“SiO2 glasses synthesized by solâ€“gel process. Journal of Non-Crystalline Solids, 2005, 351, 583-594.	3.1	54
92	Ion transport and relaxation studies of silvervanadotellurite glasses at low temperatures. Materials Chemistry and Physics, 2004, 87, 370-377.	4.0	17
93	AC conductivity studies of lithium borosilicate glasses: synthesized by solâ€“gel process with various concentrations of nitric acid as a catalyst. Materials Chemistry and Physics, 2004, 88, 138-144.	4.0	33
94	Solâ€“gel synthesis, characterization and impedance studies of lithium borosilicate glass. Materials Research Bulletin, 2004, 39, 1753-1762.	5.2	15
95	Preparation, characterization and conductivity studies of AgI-Ag₂O-(TeO₂+) Tj ETQq1 1 0.784314 rgBT /Ov 1717-1720.	3.7	6
96	Structural and conductivity studies of fast ion conducting silver based tellurate glasses. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2004, 106, 46-51.	3.5	4
97	Solâ€“gel synthesis, structural and ion transport studies of lithium borosilicate glasses. Solid State Ionics, 2004, 166, 27-38.	2.7	42
98	Glycerol-assisted gel combustion synthesis of nano-crystalline LiNiVO4 powders for secondary lithium batteries. Materials Letters, 2004, 58, 1218-1222.	2.6	27
99	Effect of ethylene glycol on polyacrylic acid based combustion process for the synthesis of nano-crystalline nickel ferrite (NiFe2O4). Materials Letters, 2004, 58, 2717-2720.	2.6	30
100	Solid-state NMR and XANES studies of lithium and silver silicate gels synthesized by the solâ€“gel route. Journal of Non-Crystalline Solids, 2003, 318, 296-304.	3.1	6
101	Solâ€“gel synthesis and characterization of the Ag2Oâ€“SiO2 system. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2000, 72, 7-12.	3.5	29
102	Preparation, characterization and impedance studies of the superionic conducting Aglâ€“Ag2Oâ€“CrO3â€“V2O5 glassy system. Solid State Ionics, 2000, 136-137, 1097-1100.	2.7	11
103	Transport properties and battery performance studies of Aglâ€“Ag2Oâ€“Se2Oâ€“P2O5 glass. Journal of Power Sources, 2000, 85, 224-228.	7.8	10
104	Characterization of solid-state batteries using a silver selenoarsanate glass system. Journal of Power Sources, 1998, 73, 257-260.	7.8	4
105	AC conductivity studies of silver based fast ion conducting glassy materials for solid state batteries. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 1998, 54, 189-195.	3.5	39
106	Monte Carlo simulation of ion conduction in silver based glassy electrolytes. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 1997, 47, 210-217.	3.5	1
107	Investigation of sol-gel route in the synthesis of lithium ion conducting glasses. Solid State Ionics, 1996, 86-88, 543-546.	2.7	6
108	A.c. conductivity studies on the silver molybdo-arsenate glassy system. Journal of Materials Science, 1996, 31, 5471-5477.	3.7	17

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109	Fabrication and characterization of silver-based solid-state primary batteries. Journal of Power Sources, 1996, 62, 15-19.	7.8	6
110	Rhodium-Catalyzed Modification of Poly(methylhydrosiloxane) into a Highly Cross-Linked Polysiloxane. Macromolecules, 1995, 28, 281-283.	4.8	15
111	Solid-state batteries using silver-based fast ionic conducting glassy electrolytes. Journal of Power Sources, 1994, 51, 457-462.	7.8	9
112	Reactivity ratios of the 3-methoxy-4-(2-hydroxy-3-methacryloloxypropoxy)benzaldehyde and methyl methacrylate system from 1H n.m.r.. Polymer, 1994, 35, 3703-3705.	3.8	5
113	Study of dopant salt concentration in a silver molybdoarsenate glassy system. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 1992, 13, 295-298.	3.5	8
114	Effects of differing ratios of network modifier (Ag2O) to network formers (MoO3 + V2O5) and dopant salt (AgI) concentrations in silver-based superionic glassy compounds. Journal of Non-Crystalline Solids, 1991, 136, 219-226.	3.1	28
115	Preparation and electrical conductivity studies of silver based molybdoarsenate glassy compound system. Journal of Materials Science Letters, 1990, 9, 1123-1125.	0.5	8
116	Glass formation and electrical conductivity studies of AgI-Ag2O-[xMoO3+(1â^'x)V2O5] x=0.1 to 0.9 system. Solid State Ionics, 1988, 28-30, 811-813.	2.7	10
117	Carbonylation of benzyl halides using CoCl2/NaBH4/CO/NaOH reagent system. Tetrahedron Letters, 1987, 28, 2633-2636.	1.4	26
118	Isomerization of olefins catalysed by a CoCl2/Ph3P/NaBH4 system. Journal of Organometallic Chemistry, 1987, 319, 113-117.	1.8	30
119	Electronic absorption spectra of Mn2+ ion in Cd(NH4)2(SO4)2 Â· 6H2O and CdK2(SO4)2 Â· 6H2O single crystals. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1986, 138, 97-102.	0.9	2
120	EPR studies of Cu2+ ion in CdK2 (SO4)2Â·6H2O single crystals. Journal of Physics and Chemistry of Solids, 1986, 47, 55-58.	4.0	49
121	A simple synthesis of trans, trans-1,3-dienes from terminal alkynes using CoCl2/Ph3P/NaBH4. Tetrahedron Letters, 1986, 27, 6253-6256.	1.4	23
122	Semi-empirical evaluation of molecular-orbital parameters, and spinâ€"orbit, dipolar and fermi-contact terms of VO2+ ion in lattices. Polyhedron, 1986, 5, 1171-1181.	2.2	20
123	EPR and electronic absorption studies of Mn2+ ion in 3CdSO4 Â· 8H2O single crystals. Polyhedron, 1985, 4, 633-641.	2.2	4
124	Gel growth and characterization of pure and vanadyl-doped strontium tartrate tetrahydrate single crystals. Journal of Materials Science, 1985, 20, 1993-2000.	3.7	5
125	Optical absorption spectrum of Cu2+ ion in Cd(NH4)2(SO4)2Â·6H2O and CdK2(SO4)2Â·6H2O single crystals. Solid State Communications, 1985, 54, 891-894.	1.9	4
126	EPR and electronic absorption studies of the VO2+ ion in 3CdSO4Â·8H2O single crystals. Spectrochimica Acta Part A: Molecular Spectroscopy, 1985, 41, 1185-1195.	0.1	19

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127	EPR and electronic absorption studies of vanadyl ions in the Cd(NH4)2(SO4)2â‹…6H2O single crystals. Journal of Chemical Physics, 1985, 83, 529-534.	3.0	27
128	Hydroboration or hydrogenation of alkenes with CoCl2-NaBH4. Tetrahedron Letters, 1984, 25, 2501-2504.	1.4	51
129	Nickel centers in strontium tartrate tetrahydrate single crystals. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1983, 122, 67-73.	0.9	2
130	Reviewâ€"Development of Inorganic Nanostructures by Microwave Synthesis Technique. ECS Journal of Solid State Science and Technology, 0, , .	1.8	3