

Pascal Roussel

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293
papers

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40
h-index

63
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345
ext. papers

7,224
ext. citations

5.3
avg, IF

5.8
L-index

#	Paper	IF	Citations
293	Nucleolus: the fascinating nuclear body. <i>Histochemistry and Cell Biology</i> , 2008 , 129, 13-31	2.4	287
292	The rDNA transcription machinery is assembled during mitosis in active NORs and absent in inactive NORs. <i>Journal of Cell Biology</i> , 1996 , 133, 235-46	7.3	231
291	Structures and oxide mobility in Bi-Ln-O materials: heritage of Bi ₂ O ₃ . <i>Chemical Reviews</i> , 2007 , 107, 80-96	68.1	205
290	Structure and catalytic performance of Pt-promoted alumina-supported cobalt catalysts under realistic conditions of Fischer-Tropsch synthesis. <i>Journal of Catalysis</i> , 2011 , 277, 14-26	7.3	187
289	Are Binary Copper Sulfides/Selenides Really New and Promising Thermoelectric Materials?. <i>Advanced Energy Materials</i> , 2014 , 4, 1301581	21.8	169
288	A new investigation of the system Ni ₃ Sn. <i>Intermetallics</i> , 2007 , 15, 869-884	3.5	158
287	Cyclin-dependent kinases govern formation and maintenance of the nucleolus. <i>Journal of Cell Biology</i> , 2002 , 156, 969-81	7.3	121
286	In situ XRD investigation of the evolution of alumina-supported cobalt catalysts under realistic conditions of Fischer-Tropsch synthesis. <i>Chemical Communications</i> , 2010 , 46, 788-90	5.8	94
285	Atomic Layer Deposition of Functional Layers for on Chip 3D Li-Ion All Solid State Microbattery. <i>Advanced Energy Materials</i> , 2017 , 7, 1601402	21.8	92
284	Structure refinement using precession electron diffraction tomography and dynamical diffraction: tests on experimental data. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2015 , 71, 740-51	1.8	79
283	In vivo release of mitotic silencing of ribosomal gene transcription does not give rise to precursor ribosomal RNA processing. <i>Journal of Cell Biology</i> , 2000 , 148, 259-70	7.3	77
282	Identification of the active species in the working alumina-supported cobalt catalyst under various conditions of Fischer-Tropsch synthesis. <i>Catalysis Today</i> , 2011 , 164, 62-67	5.3	75
281	Unprecedented dual behaviour of a half-sandwich scandium-based initiator for both highly selective isoprene and styrene polymerisation. <i>Chemical Communications</i> , 2009 , 3380-2	5.8	73
280	Isolation of the large {actinide} ₃₈ poly-oxo cluster with uranium. <i>Journal of the American Chemical Society</i> , 2013 , 135, 15678-81	16.4	72
279	Sensing mechanism of hydrogen sensors based on palladium-loaded tungsten oxide (Pd/WO ₃). <i>Sensors and Actuators B: Chemical</i> , 2013 , 187, 84-93	8.5	68
278	Ca ₃ Co ₄ O ₉ ∅A Thermoelectric Material for SOFC Cathode. <i>Chemistry of Materials</i> , 2009 , 21, 4738-4745	9.6	67
277	Synthesis and photocatalytic activity of iodine-doped ZnO nanoflowers. <i>Journal of Materials Chemistry</i> , 2011 , 21, 10982		61

276	Relationship between plasma spray operational parameters and microstructure of hydroxyapatite coatings and powder particles sprayed into water. <i>Surface and Coatings Technology</i> , 2006 , 200, 3845-3855	4.4	61
275	Crystal structure determination of β , δ and $\text{Bi}_4\text{V}_2\text{O}_{11}$ polymorphs. Part I: δ and $\text{Bi}_4\text{V}_2\text{O}_{11}$. <i>Solid State Sciences</i> , 2003 , 5, 851-859	3.4	59
274	Silicon-Microtube Scaffold Decorated with Anatase TiO_2 as a Negative Electrode for a 3D Litiium-Ion Microbattery. <i>Advanced Energy Materials</i> , 2014 , 4, 1301612	21.8	53
273	Cationic borohydrido-neodymium complex: synthesis, characterization and its application as an efficient pre-catalyst for isoprene polymerisation. <i>Dalton Transactions</i> , 2008 , 4558-61	4.3	53
272	An uranyl citrate coordination polymer with a 3D open-framework involving uranyl cation-cation interactions. <i>Dalton Transactions</i> , 2011 , 40, 2422-4	4.3	52
271	New fluorescent zinc complexes: towards specific sensors for hydrogen sulfide in solution. <i>Dalton Transactions</i> , 2009 , 9126-30	4.3	51
270	Synthesis and X-ray structure of a borohydrido metallocene of neodymium and its use as pre-catalyst in Nd/Mg dual-component ethylene and isoprene polymerisations. <i>Journal of Organometallic Chemistry</i> , 2006 , 691, 86-92	2.3	50
269	Electrochemical impedance spectroscopy of ZnO nanostructures. <i>Electrochemistry Communications</i> , 2009 , 11, 945-949	5.1	49
268	NiFe layered double hydroxide electrodeposited on Ni foam coated with reduced graphene oxide for high-performance supercapacitors. <i>Electrochimica Acta</i> , 2019 , 302, 1-9	6.7	49
267	Synthesis and Study of a Ce-Doped La/Sr Titanate for Solid Oxide Fuel Cell Anode Operating Directly on Methane. <i>Chemistry of Materials</i> , 2011 , 23, 1539-1550	9.6	48
266	Inter- and Intramolecular Hydroamination of Unactivated Alkenes Catalysed by a Combination of Copper and Silver Salts: The Unveiling of a Brønsted Acid Catalysis. <i>Advanced Synthesis and Catalysis</i> , 2010 , 352, 3293-3305	5.6	47
265	Crystal structure determination of β -, δ and $\text{Bi}_4\text{V}_2\text{O}_{11}$ polymorphs. Part II: crystal structure of β - $\text{Bi}_4\text{V}_2\text{O}_{11}$. <i>Solid State Sciences</i> , 2003 , 5, 861-869	3.4	47
264	On Chip Interdigitated Micro-Supercapacitors Based on Sputtered Bifunctional Vanadium Nitride Thin Films with Finely Tuned Inter- and Intracolumnar Porosities. <i>Advanced Materials Technologies</i> , 2018 , 3, 1800036	6.8	46
263	Hydrothermal preparation of $\text{MoS}_2/\text{TiO}_2/\text{Si}$ nanowires composite with enhanced photocatalytic performance under visible light. <i>Materials and Design</i> , 2016 , 109, 634-643	8.1	44
262	Synthesis and Luminescence Properties of (N-Doped) ZnO Nanostructures from a Dimethylformamide Aqueous Solution. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 13643-13650	3.8	44
261	Quantification of MgO surface excess on the SnO_2 nanoparticles and relationship with nanostability and growth. <i>Applied Surface Science</i> , 2011 , 257, 4219-4226	6.7	41
260	Novel insights into the charge storage mechanism in pseudocapacitive vanadium nitride thick films for high-performance on-chip micro-supercapacitors. <i>Energy and Environmental Science</i> , 2020 , 13, 949-957	35.4	41
259	Fabrication of ZnCoS nanomaterial for high energy flexible asymmetric supercapacitors. <i>Chemical Engineering Journal</i> , 2019 , 374, 347-358	14.7	40

258	Influenza A H3N2 subtype virus NS1 protein targets into the nucleus and binds primarily via its C-terminal NLS/NoLS to nucleolin and fibrillarin. <i>Virology Journal</i> , 2012 , 9, 167	6.1	40
257	Crystal structure and vibrational studies of butylenediammonium pentachlorobismuthate (III) hydrate $[\text{NH}_3(\text{CH}_2)_4\text{NH}_3]\text{BiCl}_5\cdot\text{H}_2\text{O}$. <i>Journal of Molecular Structure</i> , 2011 , 990, 95-101	3.4	40
256	Structural and dielectric/ferroelectric properties of $(\text{La}_{1-x}\text{Nd}_x)_2\text{Ti}_2\text{O}_7$ synthesized by sol-gel route. <i>Journal of Solid State Chemistry</i> , 2010 , 183, 1652-1662	3.3	40
255	Investigations of the effects of the growth of SnO ₂ nanoparticles on the structural properties of glass/ceramic planar waveguides using Raman and FTIR spectroscopies. <i>Journal of Molecular Structure</i> , 2010 , 976, 314-319	3.4	40
254	Oxidation kinetics of Ni metallic films: Formation of NiO-based resistive switching structures. <i>Thin Solid Films</i> , 2008 , 516, 4083-4092	2.2	40
253	Evidence of local defects in the oxygen excess apatite $\text{La}_{9.67}(\text{SiO}_4)_6\text{O}_{2.5}$ from high resolution neutron powder diffraction. <i>Journal of Solid State Chemistry</i> , 2009 , 182, 3358-3364	3.3	39
252	Theoretical and experimental investigations of the thermoelectric properties of Bi ₂ S ₃ . <i>Journal of Applied Physics</i> , 2015 , 117, 125103	2.5	38
251	Subcellular localization of SREBP1 depends on its interaction with the C-terminal region of wild-type and disease related A-type lamins. <i>Experimental Cell Research</i> , 2011 , 317, 2800-13	4.2	38
250	Micro-patterning of LiPON and lithium iron phosphate material deposited onto silicon nanopillars array for lithium ion solid state 3D micro-battery. <i>Microelectronic Engineering</i> , 2011 , 88, 3172-3177	2.5	37
249	Synthesis and structural characterization of the first neptunium based metal-organic frameworks incorporating {NpO} hexanuclear clusters. <i>Chemical Communications</i> , 2018 , 54, 6979-6982	5.8	37
248	Sputtered Titanium Carbide Thick Film for High Areal Energy on Chip Carbon-Based Micro-Supercapacitors. <i>Advanced Functional Materials</i> , 2017 , 27, 1606813	15.6	36
247	Polycationic disorder in $[\text{Bi}_6\text{O}_4(\text{OH})_4](\text{NO}_3)_6$: Structure determination using synchrotron radiation and microcrystal X-ray diffraction. <i>Journal of Solid State Chemistry</i> , 2006 , 179, 3087-3094	3.3	36
246	A B23-interacting sequence as a tool to visualize protein interactions in a cellular context. <i>Journal of Cell Science</i> , 2007 , 120, 265-75	5.3	36
245	Phosphate tungsten bronze series: crystallographic and structural properties of low-dimensional conductors. <i>Acta Crystallographica Section B: Structural Science</i> , 2001 , 57, 603-32		35
244	Further studies on the lithium phosphorus oxynitride solid electrolyte. <i>Materials Chemistry and Physics</i> , 2010 , 123, 231-235	4.4	34
243	One-dimensional inorganic arrangement in the bismuth oxalate hydroxide $\text{Bi}(\text{C}_2\text{O}_4)\text{OH}$. <i>Journal of Solid State Chemistry</i> , 2008 , 181, 2586-2590	3.3	34
242	Symmetry and twins in the monophosphate tungsten bronze series $(\text{P}_2)_4(\text{W}_3)_2\text{m}$ (2 Acta Crystallographica Section B: Structural Science, 2000 , 56 (Pt 3), 377-91		34
241	Reversible coordinative chain transfer polymerization of styrene by rare earth borohydrides, chlorides/dialkylmagnesium systems. <i>Journal of Polymer Science Part A</i> , 2010 , 48, 802-814	2.5	33

240	Sputtered tungsten nitride films as pseudocapacitive electrode for on chip micro-supercapacitors. <i>Energy Storage Materials</i> , 2019 , 20, 243-252	19.4	32
239	Synthesis, characterization, and reactivity of alkyldisulfanido zinc complexes. <i>Inorganic Chemistry</i> , 2009 , 48, 5921-7	5.1	31
238	Thiosemicarbazone modification of 3-acetyl coumarin inhibits A β peptide aggregation and protect against A β induced cytotoxicity. <i>European Journal of Medicinal Chemistry</i> , 2016 , 121, 803-809	6.8	30
237	In-depth study of the Ruddlesden-Popper $\text{La}_x\text{Sr}_{2-x}\text{MnO}_4$ family as possible electrode materials for symmetrical SOFC. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 21930-21943	6.7	30
236	Structural Characterization and Photoluminescent Properties of $(\text{La}_{1-x}\text{Sm}_x)_2\text{Ti}_2\text{O}_7$ Solid Solutions Synthesized by a Sol-Gel Route. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 3569-3576	2.3	30
235	Structural phase transition in $[\text{NH}_3(\text{CH}_2)_5\text{NH}_3]\text{BiCl}_5$: thermal and vibrational studies. <i>Journal of Raman Spectroscopy</i> , 2005 , 36, 1023-1028	2.3	30
234	Ferroelectricity in $\text{La}_2\text{Zr}_2\text{O}_7$ thin films with a frustrated pyrochlore-type structure. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 4037	7.1	29
233	Solvent-free microwave-assisted Meyers lactamization. <i>Green Chemistry</i> , 2010 , 12, 961	10	29
232	Interface Excess and Polymorphic Stability of Nanosized Zirconia-Magnesia. <i>Chemistry of Materials</i> , 2008 , 20, 3505-3511	9.6	29
231	Tuning the catalytic properties of rare earth borohydrides for the polymerisation of isoprene. <i>Dalton Transactions</i> , 2013 , 42, 790-801	4.3	28
230	Evidence of ferroelectricity in metastable $\text{Sm}_2\text{Ti}_2\text{O}_7$ thin film. <i>Journal of Materials Chemistry</i> , 2012 , 22, 9806		28
229	Controlled Growth of SnO_2 Nanocrystals in Eu^{3+} -Doped $\text{SiO}_2/\text{SnO}_2$ Planar Waveguides: A Spectroscopic Investigation. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 21555-21559	3.8	28
228	Structural phase transition in the 2D spin dimer compound $\text{SrCu}_2(\text{BO}_3)_2$. <i>European Physical Journal B</i> , 2001 , 19, 507-516	1.2	28
227	Synthesis of a $\text{Fe}(\text{II})\text{SH}$ complex stabilized by an intramolecular $\text{N-H}\cdots\text{S}$ hydrogen bond, which acts as a H_2S donor. <i>Inorganic Chemistry</i> , 2012 , 51, 10068-70	5.1	27
226	Efficient reduction of $\text{Cr}(\text{VI})$ under visible light irradiation using CuS nanostructures. <i>Arabian Journal of Chemistry</i> , 2019 , 12, 215-224	5.9	27
225	Host-sensitized luminescence properties of $\text{KLa}_5\text{O}_5(\text{VO}_4)_2:\text{Eu}^{3+}$ for solid-state lighting applications. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 7277-7285	7.1	26
224	An easy sol-gel route for deposition of oriented $\text{Ln}_2\text{Ti}_2\text{O}_7$ ($\text{Ln}=\text{La}, \text{Nd}$) films on SrTiO_3 substrates. <i>Journal of Crystal Growth</i> , 2009 , 311, 4134-4141	1.6	26
223	Base-Promoted Expedient Access to Spiroisatins: Synthesis and Antitubercular Evaluation of 1H-1,2,3-Triazole-Tethered Spiroisatin-Irrocene and Isatin-Irrocene Conjugates. <i>Organometallics</i> , 2013 , 32, 7386-7398	3.8	25

222	XRD monitoring of β self-irradiation in uranium-ameridium mixed oxides. <i>Inorganic Chemistry</i> , 2013 , 52, 14196-204	5.1	25
221	Structures and phases transition in hexylenediammonium pentachlorobismuthate (III) $[\text{NH}_3(\text{CH}_2)_6\text{NH}_3]\text{BiCl}_5$ crystal. <i>Journal of Solid State Chemistry</i> , 2013 , 200, 22-29	3.3	25
220	The traffic of proteins between nucleolar organizer regions and prenucleolar bodies governs the assembly of the nucleolus at exit of mitosis. <i>Nucleus</i> , 2010 , 1, 202-211	3.9	25
219	Raman scattering characterization of bismuth based mixed oxides with Bi_2O_3 related structures. <i>Materials Research Bulletin</i> , 2007 , 42, 1683-1690	5.1	25
218	Synthesis of T-Nb $_2\text{O}_5$ thin-films deposited by Atomic Layer Deposition for miniaturized electrochemical energy storage devices. <i>Energy Storage Materials</i> , 2019 , 16, 581-588	19.4	25
217	Mixed Allylborohydride Lanthanide Complexes: Synthesis of $\text{Ln}(\text{BH}_4)_2(\text{C}_3\text{H}_5)(\text{THF})_3$ (Ln = Nd, Sm), Characterization, and Reactivity toward Polymerization. <i>Organometallics</i> , 2016 , 35, 456-461	3.8	24
216	Asymmetric Intramolecular Hydroamination of Alkenes in Mild and Wet Conditions Structure and Reactivity of Cationic Binuclear Gold(I) Catalysts. <i>ChemCatChem</i> , 2014 , 6, 2235-2239	5.2	24
215	Bis(phenolate)amine-supported lanthanide borohydride complexes for styrene and trans-1,4-isoprene (co-)polymerisations. <i>Dalton Transactions</i> , 2015 , 44, 12312-25	4.3	24
214	Thermal and vibrational studies of propylenediammonium hexachlorobismuthate dihydrate, $[\text{NH}_3(\text{CH}_2)_3\text{NH}_3]_3(\text{BiCl}_6)_2 \cdot 2\text{H}_2\text{O}$. <i>Journal of Raman Spectroscopy</i> , 2005 , 36, 791-796	2.3	24
213	Gold(I)-Catalysed Asymmetric Hydroamination of Alkenes: A Silver- and Solvent-Dependent Enantiodivergent Reaction. <i>Chemistry - A European Journal</i> , 2017 , 23, 10777-10788	4.8	23
212	Synthesis and preliminary study of the double perovskite $\text{NdBaMn}_2\text{O}_{5+\delta}$ as symmetric SOFC electrode material. <i>Solid State Ionics</i> , 2016 , 288, 61-67	3.3	23
211	{Np} clusters: the missing link in the largest poly-oxo cluster series of tetravalent actinides. <i>Chemical Communications</i> , 2018 , 54, 10060-10063	5.8	23
210	Nickel Exsolution-Driven Phase Transformation from an n=2 to an n=1 Ruddlesden-Popper Manganite for Methane Steam Reforming Reaction in SOFC Conditions. <i>ChemCatChem</i> , 2019 , 11, 4631-4641	5.2	23
209	Cyrhretrenyl chalcones: Synthesis, characterization and antimalarial evaluation. <i>Journal of Organometallic Chemistry</i> , 2013 , 723, 143-148	2.3	23
208	New ionic half-metallocenes of early lanthanides. <i>Journal of Alloys and Compounds</i> , 2008 , 451, 352-357	5.7	23
207	Comparison of structural and electrical properties of PMN-PT films deposited on Si with different bottom electrodes. <i>Journal of Crystal Growth</i> , 2007 , 305, 137-143	1.6	23
206	Tuning the Cation Ordering with the Deposition Pressure in Sputtered $\text{LiMn}_{1.5}\text{Ni}_{0.5}\text{O}_4$ Thin Film Deposited on Functional Current Collectors for Li-Ion Microbattery Applications. <i>Chemistry of Materials</i> , 2017 , 29, 6044-6057	9.6	22
205	Sputtered $\text{LiMn}_{1.5}\text{Ni}_{0.5}\text{O}_4$ thin films for Li-ion micro-batteries with high energy and rate capabilities. <i>Energy Storage Materials</i> , 2018 , 15, 396-406	19.4	22

204	2,6-Diphenylthiazolo[3,2-b][1,2,4]triazoles as telomeric G-quadruplex stabilizers. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009 , 19, 3434-8	2.9	22
203	Thermal evolution and crystal structure of a polymeric complex: Pb ₃ (3,5-dicarboxylatopyrazole) ₂ (NO ₃) ₂ ·4H ₂ O. <i>Journal of Molecular Structure</i> , 2004 , 707, 63-68	3.4	22
202	Asymmetric micro-supercapacitors based on electrodeposited RuO ₂ and sputtered VN films. <i>Energy Storage Materials</i> , 2021 , 37, 207-214	19.4	22
201	Structural Study of P4W14O50, a New Odd Member in the Series (PO ₂) ₄ (WO ₃) _{2m} . <i>Journal of Solid State Chemistry</i> , 1996 , 122, 281-290	3.3	21
200	Strong Reduction of Thermal Conductivity and Enhanced Thermoelectric Properties in CoSbSSe Paracostibite. <i>Scientific Reports</i> , 2017 , 7, 46630	4.9	20
199	BaCoO _{2.22} : the most oxygen-deficient certified cubic perovskite. <i>Dalton Transactions</i> , 2015 , 44, 10728-37.3	3.3	20
198	Sputtered Titanium Nitride: A Bifunctional Material for Li-Ion Microbatteries. <i>Journal of the Electrochemical Society</i> , 2015 , 162, A493-A500	3.9	20
197	Microwave-assisted synthesis of functionalized spirohydantoins as 3-D privileged fragments for scouting the chemical space. <i>Tetrahedron Letters</i> , 2016 , 57, 2888-2894	2	20
196	Nanostructured gadolinium-doped ceria microsphere synthesis from ion exchange resin: Multi-scale in-situ studies of solid solution formation. <i>Journal of Solid State Chemistry</i> , 2014 , 218, 155-163	3.3	20
195	Controlled SnO ₂ nanocrystal growth in SiO ₂ /SnO ₂ glass-ceramic monoliths. <i>Journal of Raman Spectroscopy</i> , 2012 , 43, 869-875	2.3	20
194	Synthesis, structural characterization and biological activity against several human tumor cell lines of four rhenium(I) diseleno-ethers complexes: Re(CO) ₃ Cl(PhSe(CH ₂) ₂ SePh), Re(CO) ₃ Cl(PhSe(CH ₂) ₃ SePh), Re(CO) ₃ Cl(HO ₂ C(CH ₂) ₂ Se(CH ₂) ₂ SeCH ₂ CO ₂ H) and Re(CO) ₃ Cl(HO ₂ C(CH ₂) ₃ Se(CH ₂) ₂ SeCH ₂ CO ₂ H). <i>Polyhedron</i> , 2011 , 30, 347-353	2.7	20
193	The traffic of proteins between nucleolar organizer regions and prenucleolar bodies governs the assembly of the nucleolus at exit of mitosis. <i>Nucleus</i> , 2010 , 1, 202-11	3.9	20
192	Magnetic Co ₃ O ₄ /reduced graphene oxide nanocomposite as a superior heterogeneous catalyst for one-pot oxidative esterification of aldehydes to methyl esters. <i>RSC Advances</i> , 2015 , 5, 88567-88573	3.7	19
191	Hydrothermal synthesis, structure and thermal stability of diamine templated layered uranyl-vanadates. <i>Journal of Solid State Chemistry</i> , 2007 , 180, 713-724	3.3	19
190	Bi ₁₇ Yb ₇ O ₃₆ and BiYbO ₃ : two new compounds from the Bi ₂ O ₃ /Yb ₂ O ₃ equilibrium phase diagram determination. <i>Materials Research Bulletin</i> , 2004 , 39, 1393-1405	5.1	19
189	High performance silicon nanowires/ruthenium nanoparticles micro-supercapacitors. <i>Electrochimica Acta</i> , 2019 , 311, 150-159	6.7	18
188	Stability limit of the layered-perovskite structure in Ln ₂ Ti ₂ O ₇ (Ln = lanthanide) thin films grown on (110)-oriented SrTiO ₃ substrates by the sol-gel route. <i>Journal of Materials Chemistry</i> , 2012 , 22, 24894		18
187	Hydroxypropyl-β-cyclodextrin as a versatile additive for the formation of metastable tetragonal zirconia exhibiting high thermal stability. <i>CrystEngComm</i> , 2013 , 15, 2076-2083	3.3	18

186	Local relaxation in lanthanum silicate oxyapatites by Raman scattering and MAS-NMR. <i>Journal of Raman Spectroscopy</i> , 2011 , 42, 1455-1461	2.3	18
185	Microstructure and Nanoscale Piezoelectric/Ferroelectric Properties in La ₂ Ti ₂ O ₇ Thin Films Grown on (110)-Oriented Doped Nb:SrTiO ₃ Substrates. <i>Advanced Engineering Materials</i> , 2011 , 13, 961-969	3.5	18
184	A neutron diffraction study of the oxygen diffusion in molybdenum doped Ba ₂ In ₂ O ₅ . <i>Solid State Ionics</i> , 2008 , 179, 1986-1995	3.3	18
183	Synthesis and structure of Ba ₆ Co ₆ ClO ₁₆ , a new cobalt oxychloride with a layered perovskite-related structure. <i>Journal of Solid State Chemistry</i> , 2005 , 178, 3066-3073	3.3	18
182	Fast Electrochemical Storage Process in Sputtered NbO Porous Thin Films. <i>ACS Nano</i> , 2019 , 13, 5826-5832	6.7	17
181	On the Use of Dynamical Diffraction Theory To Refine Crystal Structure from Electron Diffraction Data: Application to KLa ₅ O ₅ (VO ₄) ₂ , a Material with Promising Luminescent Properties. <i>Inorganic Chemistry</i> , 2016 , 55, 2252-60	5.1	17
180	Self-template synthesis of ZnS/Ni ₃ S ₂ as advanced electrode material for hybrid supercapacitors. <i>Electrochimica Acta</i> , 2019 , 328, 135065	6.7	17
179	Mechanisms of formation of Al ₄ Cu ₉ during mechanical alloying: An experimental study. <i>Acta Materialia</i> , 2015 , 87, 216-224	8.4	17
178	X-ray, thermal and vibrational studies of two structural phases transition in hexylenediammonium pentachlorobismuthate (III) [NH ₃ (CH ₂) ₆ NH ₃][BiCl ₅]. <i>Journal of Molecular Structure</i> , 2012 , 1028, 79-87	3.4	17
177	Spin-Flop Transition and Magnetocaloric Effect through Disconnected Magnetic Blocks in Co ^{III} /Co ^{IV} Oxybromides. <i>Chemistry of Materials</i> , 2010 , 22, 3807-3816	9.6	17
176	Fibrillarin and Nop56 interact before being co-assembled in box C/D snoRNPs. <i>Experimental Cell Research</i> , 2009 , 315, 928-42	4.2	17
175	2-Aminopyridinium maleate: A structural study. <i>Journal of Molecular Structure</i> , 2008 , 891, 103-109	3.4	17
174	P4W ₂₀ O ₆₈ : A complex charge-density-wave modulated structure with an antiferroelectric-like lattice distortion. <i>Physical Review B</i> , 2000 , 62, 176-188	3.3	17
173	Diversity of crystal structures and physicochemical properties of ciprofloxacin and norfloxacin salts with fumaric acid. <i>CrystEngComm</i> , 2018 , 20, 755-767	3.3	16
172	Synthesis and characterization of La _{0.6} Sr _{0.4} Co _{0.8} Fe _{0.2} O ₃ films for solid oxide fuel cell cathodes. <i>Thin Solid Films</i> , 2014 , 553, 89-92	2.2	16
171	Facile Synthesis of Lanthanidocenes by the Borohydride/Alkyl Route and Their Application in Isoprene Polymerization. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 2867-2876	2.3	16
170	One-pot synthesis of an ionic half-sandwich complex of neodymium. Application to isoprene polymerisation catalysis. <i>Comptes Rendus Chimie</i> , 2007 , 10, 1195-1199	2.7	16
169	Getting a better insight into the chemistry of decomposition of complex flame retarded formulation: New insights using solid state NMR. <i>Polymer Degradation and Stability</i> , 2018 , 153, 145-154	4.7	15

168	A sharp change in the mineralogy of annealed protoplanetary dust at the glass transition temperature. <i>Astronomy and Astrophysics</i> , 2011 , 529, A111	5.1	15
167	Structure, dimensionality and magnetism of new cobalt oxyhalides. <i>Solid State Sciences</i> , 2008 , 10, 471-475	3.4	15
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