

Pascal Roussel

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/1073759/pascal-roussel-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

293
papers

6,381
citations

40
h-index

63
g-index

345
ext. papers

7,224
ext. citations

5.3
avg, IF

5.8
L-index

#	Paper	IF	Citations
293	3D LiMn O Thin Film Deposited by ALD: A Road toward High-Capacity Electrode for 3D Li-Ion Microbatteries.. <i>Small</i> , 2022 , e2107054	11	0
292	Atomic Layer Deposition of a Nanometer-Thick LiPO Protective Layer on LiNiMnO Films: Dream or Reality for Long-Term Cycling?. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 15761-15773	9.5	8
291	Sputtered LiNi0.5Mn1.5O4 Thin Films for Lithium-Ion Microbatteries. <i>ACS Applied Energy Materials</i> , 2021 , 4, 3101-3109	6.1	6
290	Asymmetric micro-supercapacitors based on electrodeposited RuO2 and sputtered VN films. <i>Energy Storage Materials</i> , 2021 , 37, 207-214	19.4	22
289	Enhanced electrocatalytic activity of PtRu/nitrogen and sulphur co-doped crumbled graphene in acid and alkaline media. <i>Journal of Colloid and Interface Science</i> , 2021 , 590, 154-163	9.3	5
288	Crystal structure of 4-aminopyridinium 3-(4-aminopyridinium) succinate tetra hydrate: A new salt from 4-aminopyridine and maleic acid crystallization. <i>Journal of Molecular Structure</i> , 2021 , 1234, 130142 ³⁻⁴	3.4	1
287	Simultaneous photocatalytic Cr(VI) reduction and phenol degradation over copper sulphide-reduced graphene oxide nanocomposite under visible light irradiation: Performance and reaction mechanism. <i>Chemosphere</i> , 2021 , 268, 128798	8.4	15
286	A First Outlook of Sputtered FeWO4 Thin Films for Micro-Supercapacitor Electrodes. <i>Journal of the Electrochemical Society</i> , 2021 , 168, 030524	3.9	2
285	Influence of Interface on the Charge Carrier Mobility of La2Ti2O7 Layered Perovskite Thin Films Measured by the Time-of-Flight Method. <i>ACS Applied Electronic Materials</i> , 2021 , 3, 3167-3176	4	
284	Photopatternable hydroxide ion electrolyte for solid-state micro-supercapacitors. <i>Joule</i> , 2021 , 5, 2466-2478	17.8	8
283	Silicon nanowire-hydrogenated TiO2 core-shell arrays for stable electrochemical micro-capacitors. <i>Electrochimica Acta</i> , 2021 , 396, 139198	6.7	2
282	Ultra-high areal capacitance and high rate capability RuO2 thin film electrodes for 3D micro-supercapacitors. <i>Energy Storage Materials</i> , 2021 , 42, 259-267	19.4	9
281	Lactide Lactone Chain Shuttling Copolymerization Mediated by an Aminobisphenolate Supported Aluminum Complex and Al(OPr): Access to New Polylactide Based Block Copolymers. <i>Journal of the American Chemical Society</i> , 2021 ,	16.4	1
280	In Situ Liquid Electrochemical TEM Investigation of LiMn Ni O Thin Film Cathode for Micro-Battery Applications.. <i>Small Methods</i> , 2021 , e2100891	12.8	0
279	Performance of La0.5Sr1.5MnO4 Ruddlesden-Popper manganite as electrode material for symmetrical solid oxide fuel cells. Part B. the hydrogen oxidation reaction. <i>Electrochimica Acta</i> , 2020 , 353, 136494	6.7	4
278	NiMnCr layered double hydroxide-carbon spheres modified Ni foam: An efficient positive electrode for hybrid supercapacitors. <i>Chemical Engineering Journal</i> , 2020 , 396, 125370	14.7	13
277	High performance flexible hybrid supercapacitors based on nickel hydroxide deposited on copper oxide supported by copper foam for a sunlight-powered rechargeable energy storage system. <i>Journal of Colloid and Interface Science</i> , 2020 , 579, 520-530	9.3	12

276	High-performance flexible hybrid supercapacitor based on NiAl layered double hydroxide as a positive electrode and nitrogen-doped reduced graphene oxide as a negative electrode. <i>Electrochimica Acta</i> , 2020 , 354, 136664	6.7	9
275	Novel multifunctional and multitarget homo- (Fe) and heterobimetallic [(Fe,M) with M = Re or Mn] sulfonyl hydrazones. <i>Dalton Transactions</i> , 2020 , 49, 12249-12265	4.3	5
274	Titanium and iron-modified delaminated muscovite as photocatalyst for enhanced degradation of Tetrabromobisphenol A by visible light. <i>Functional Materials Letters</i> , 2020 , 13, 2051008	1.2	3
273	Oxysulfide Ba(VOS)(S) Combining Disulfide Channels and Mixed-Anion Tetrahedra and Its Third-Harmonic-Generation Properties. <i>Inorganic Chemistry</i> , 2020 , 59, 5907-5917	5.1	3
272	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
271	Structure of the water-splitting photocatalyst oxysulfide β -LaOInS and ab initio prediction of new polymorphs. <i>Chemical Communications</i> , 2020 , 56, 1645-1648	5.8	9
270	Ferroelectric State in an β -Nd ₂ WO ₆ Polymorph Stabilized in a Thin Film. <i>Chemistry of Materials</i> , 2020 , 32, 7188-7200	9.6	2
269	Pure and RE-Doped LaO(VO) (RE = Eu, Sm): Polymorphism Stability and Luminescence Properties of a New Oxyvanadate Matrix. <i>Inorganic Chemistry</i> , 2020 , 59, 5929-5938	5.1	5
268	Sirtuin 7 promotes 45S pre-rRNA cleavage at site 2 and determines the processing pathway. <i>Journal of Cell Science</i> , 2019 , 132,	5.3	5
267	Lasnierite, (Ca,Sr)(Mg,Fe) ₂ Al(PO ₄) ₃ , a new phosphate accompanying lazulite from Mt. Ibity, Madagascar: an example of structural characterization from dynamical refinement of precession electron diffraction data on submicrometre sample. <i>European Journal of Mineralogy</i> , 2019 , 31, 379-388	2.2	4
266	Structure of Pentylenediammoniumhexachlorostannate(IV). <i>Materials Today: Proceedings</i> , 2019 , 13, 615-620		
265	Identification and optical features of the PbLnO series (Ln = La, Gd, Sm, Nd); genuine 2D-van der Waals oxides. <i>Chemical Communications</i> , 2019 , 55, 2944-2947	5.8	1
264	Fabrication of ZnCoS nanomaterial for high energy flexible asymmetric supercapacitors. <i>Chemical Engineering Journal</i> , 2019 , 374, 347-358	14.7	40
263	Fast Electrochemical Storage Process in Sputtered NbO Porous Thin Films. <i>ACS Nano</i> , 2019 , 13, 5826-5832	16.7	17
262	Optical properties of Ln ₂ Ti ₂ O ₇ (with Ln = La to Lu) thin films grown on (110)-SrTiO ₃ substrates by pulsed laser deposition. <i>Optical Materials</i> , 2019 , 92, 303-310	3.3	9
261	High performance silicon nanowires/ruthenium nanoparticles micro-supercapacitors. <i>Electrochimica Acta</i> , 2019 , 311, 150-159	6.7	18
260	Performance of La _{0.5} Sr _{1.5} MnO ₄ δ Ruddlesden-Popper manganite as electrode material for symmetrical solid oxide fuel cells. Part A. The oxygen reduction reaction. <i>Electrochimica Acta</i> , 2019 , 304, 415-427	6.7	10
259	Sputtered tungsten nitride films as pseudocapacitive electrode for on chip micro-supercapacitors. <i>Energy Storage Materials</i> , 2019 , 20, 243-252	19.4	32

258	Anhydrous Phase B: Transmission Electron Microscope Characterization and Elastic Properties. <i>Geochemistry, Geophysics, Geosystems</i> , 2019 , 20, 4059-4072	3.6	
257	Trinuclear Ni(II), Pd(II) and Cu(II) complexes containing the 2-hydroxy-benzaldehyde-ferrocenyl-sulfonylhydrazone ligand: Synthesis, structural characterization and antiplasmodial evaluation. <i>Inorganica Chimica Acta</i> , 2019 , 496, 119050	2.7	4
256	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
255	Pure and Zr-doped YMnO ₃ as a YSZ-compatible SOFC cathode: a combined computational and experimental approach. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 18589-18602	13	8
254	Study of La ₄ BaCu _{5-x} Mn _x O ₁₃ materials as potential electrode for symmetrical-SOFC. <i>Solid State Ionics</i> , 2019 , 341, 115031	3.3	3
253	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
252	NiFe layered double hydroxide electrode deposited on Ni foam coated with reduced graphene oxide for high-performance supercapacitors. <i>Electrochimica Acta</i> , 2019 , 302, 1-9	6.7	49
251	Synthesis of T-Nb ₂ 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
250	X-ray structures, solid state periodic DFT modeling and vibrational study of alkylendiammonium hexachlorostannates compounds NH ₃ (CH ₂) _n NH ₃ SnCl ₆ (n = 3, 4, 5). <i>Journal of Molecular Structure</i> , 2019 , 1177, 55-67	3.4	4
249	Crystal Growth in the Thorium-TEDGA-Oxalate-Nitrate System: Description and Comparison of the Main Structural Features. <i>Inorganic Chemistry</i> , 2019 , 58, 1267-1277	5.1	4
248	Efficient reduction of Cr(VI) under visible light irradiation using CuS nanostructures. <i>Arabian Journal of Chemistry</i> , 2019 , 12, 215-224	5.9	27
247	Synthesis and preliminary study of Nd _x AE _{2-x} MnO ₄ (AE: Ca, Sr) for symmetrical SOFC electrodes. <i>Solid State Ionics</i> , 2018 , 317, 194-200	3.3	10
246	Undulated oxo-centered layers in PbLn ₃ O ₄ (VO ₄) (Ln= La and Nd) and relationship with Nd ₄ O ₄ (GeO ₄). <i>Journal of Solid State Chemistry</i> , 2018 , 260, 101-105	3.3	1
245	Visible light assisted oxidative coupling of benzylamines using heterostructured nanocomposite photocatalyst. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018 , 356, 457-463	4.7	8
244	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
243	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
242	Sputtered LiMn _{1.5} Ni _{0.5} 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
241	Microstructure and oxidation resistance of relaxed epitaxial nickel thin films grown on (100)- and (110)-SrTiO ₃ substrates by pulsed laser deposition. <i>CrystEngComm</i> , 2018 , 20, 5061-5073	3.3	0

240	{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
239	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
238	Design of a multi-well plate for high-throughput characterization of heterogeneous catalysts by XRD, FT-IR, Raman and XRF spectroscopies.. <i>RSC Advances</i> , 2018 , 8, 40912-40920	3.7	2
237	Study of La ₄ BaCu _{5-x} Co _x O _{13+δ} Series as potential cathode materials for intermediate-temperature solid oxide fuel cell. <i>Solid State Ionics</i> , 2018 , 326, 116-123	3.3	7
236	LaFeO ₃ thin films as relevant models for the surface investigation of 3-way catalysts. <i>Surface and Interface Analysis</i> , 2018 , 50, 1018-1024	1.5	3
235	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
234	Strong Reduction of Thermal Conductivity and Enhanced Thermoelectric Properties in CoSbSSe Paracostibite. <i>Scientific Reports</i> , 2017 , 7, 46630	4.9	20
233	Synthesis and anti-proliferative activities of ruthenium complexes containing the hydrogen sulfide-releasing ligand GYY4137. <i>Journal of Organometallic Chemistry</i> , 2017 , 843, 26-31	2.3	3
232	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
231	Original positively charged nanoflakes by liquid exfoliation of layered oxybromide cobaltites. <i>CrystEngComm</i> , 2017 , 19, 304-312	3.3	1
230	Tuning the Cation Ordering with the Deposition Pressure in Sputtered LiMn _{1.5} Ni _{0.5} 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
229	Synthesis of a large dodecameric cerium cluster stabilized by the [SiW ₉ O ₃₄] ₁₀ polyoxometalate. <i>Inorganic Chemistry Communication</i> , 2017 , 83, 52-54	3.1	9
228	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
227	A series of chiral metal-organic frameworks based on fluorene di- and tetra-carboxylates: syntheses, crystal structures and luminescence properties. <i>CrystEngComm</i> , 2017 , 19, 2042-2056	3.3	7
226	In-depth study of the Ruddlesden-Popper La _x Sr _{2-x} MnO _{4+n} Family as possible electrode materials for symmetrical SOFC. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 21930-21943	6.7	30
225	Room-Temperature Wet Chemical Synthesis of Au NPs/TiH/Nanocarved Ti Self-Supported Electrocatalysts for Highly Efficient H ₂ Generation. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 30115-30124	9.5	4
224	From Nd(III) and Pu(III) Oxalates to Oxides: Influence of Nitrilotris(methylenephosphonic acid) on Chemical Composition, Structure, and Morphology. <i>Crystal Growth and Design</i> , 2017 , 17, 4715-4725	3.5	5
223	Synthesis and characterization of BaGa ₂ O ₄ and Ba ₃ Co ₂ O ₆ (CO ₃) _{0.6} compounds in the search of alternative materials for Proton Ceramic Fuel Cell (PCFC). <i>Solid State Sciences</i> , 2017 , 71, 61-68	3.4	7

222	Topochemical Reduction of YMnO into a Composite Structure. <i>Inorganic Chemistry</i> , 2017 , 56, 8547-8553	5.1	6
221	Synthesis and preliminary study of pure and Zr-doped YMnO ₃ compounds as Solid Oxide Fuel Cells electrode. <i>Journal of Alloys and Compounds</i> , 2017 , 690, 348-355	5.7	7
220	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
219	Complex tunnel structure of new La ₆ (Mo ₂ O ₇)(MoO ₄) ₈ : crystal growth from flux and high structural complexity. <i>Mendeleev Communications</i> , 2017 , 27, 592-594	1.9	0
218	Thiosemicarbazone modification of 3-acetyl coumarin inhibits Aβ-peptide aggregation and protect against Aβ-induced cytotoxicity. <i>European Journal of Medicinal Chemistry</i> , 2016 , 121, 803-809	6.8	30
217	Hydrothermal preparation of MoS ₂ /TiO ₂ /Si nanowires composite with enhanced photocatalytic performance under visible light. <i>Materials and Design</i> , 2016 , 109, 634-643	8.1	44
216	A Performant Dry Reforming Catalytic System Elaborated from the Reductive Decomposition of BaNi ₂ V ₂ O ₈ . <i>ChemistrySelect</i> , 2016 , 1, 5633-5637	1.8	2
215	Microwave-assisted synthesis of functionalized spirohydantoin as 3-D privileged fragments for scouting the chemical space. <i>Tetrahedron Letters</i> , 2016 , 57, 2888-2894	2	20
214	Host-sensitized luminescence properties of KLa ₅ O ₅ (VO ₄) ₂ :Eu ³⁺ for solid-state lighting applications. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 7277-7285	7.1	26
213	Synthesis and preliminary study of the double perovskite NdBaMn ₂ O ₅ as symmetric SOFC electrode material. <i>Solid State Ionics</i> , 2016 , 288, 61-67	3.3	23
212	Mixed Alkylborohydride Lanthanide Complexes: Synthesis of Ln(BH ₄) ₂ (C ₃ H ₅)(THF) ₃ (Ln = Nd, Sm), Characterization, and Reactivity toward Polymerization. <i>Organometallics</i> , 2016 , 35, 456-461	3.8	24
211	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
210	Grinding and Milling: Two Efficient Methodologies in the Solvent-Free Phosphomolybdic Acid-Catalyzed and Mechanochemical Synthesis of cis-4-Amido-N-yl-2-methyl-tetrahydroquinolines. <i>Journal of the Brazilian Chemical Society</i> , 2016 ,	1.5	2
209	The Nanocrystalline SnO ₂ /TiO ₂ System Part I: Structural Features. <i>Journal of the American Ceramic Society</i> , 2016 , 99, 631-637	3.8	10
208	Growth of c-Axis-Oriented BiCuSeO Thin Films Directly on Si Wafers. <i>Journal of the American Ceramic Society</i> , 2016 , 99, 3367-3370	3.8	10
207	Microstructure and local electrical investigation of lead-free Bi-La ₂ WO ₆ ferroelectric thin films by piezoresponse force microscopy. <i>Thin Solid Films</i> , 2016 , 617, 76-81	2.2	0
206	Epitaxial growth and nanoscale electrical properties of Ce ₂ Ti ₂ O ₇ thin films. <i>RSC Advances</i> , 2016 , 6, 32994-33002	4.7	30
205	Synthesis and preliminary study of La ₄ BaCu ₅ O ₁₃ and La _{6.4} Sr _{1.6} Cu ₈ O ₂₀ ordered perovskites as SOFC/PCFC electrode materials. <i>Solid State Ionics</i> , 2016 , 288, 68-75	3.3	11

204	Sharing of mitotic pre-ribosomal particles between daughter cells. <i>Journal of Cell Science</i> , 2016 , 129, 1592-604	5.3	15
203	Crystal structures of five new substituted tetrahydro-1-benzazepines with potential antiparasitic activity. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2016 , 72, 363-72	0.8	2
202	Influence of the pH on the Condensation of Tetravalent Cerium Cations in Association with [H-SiW9O34]10- Leading to the Formation of a Ce6O4(OH)4 Core. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 5373-5379	2.3	12
201	Evidence of Trivalent Am Substitution into UO. <i>Inorganic Chemistry</i> , 2016 , 55, 10438-10444	5.1	5
200	Diketiminato-supported magnesium alkyl: synthesis, structure and application as co-catalyst for polymerizations mediated by a lanthanum half-sandwich complex. <i>Applied Organometallic Chemistry</i> , 2016 , 30, 26-31	3.1	6
199	BaCoO2.22: the most oxygen-deficient certified cubic perovskite. <i>Dalton Transactions</i> , 2015 , 44, 10728-37	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	Influence of the synthesis route on the formation of 12R/10H-polytypes and their magnetic properties within the Ba(Ce,Mn)O3 family. <i>New Journal of Chemistry</i> , 2015 , 39, 829-835	3.6	8
196	Growth of Ca3Co4O9+ thin film on sapphire substrate and CGO dense pellet by pulsed laser deposition. Structural, microstructural, surface and electrochemical characterizations. <i>Solid State Ionics</i> , 2015 , 273, 13-17	3.3	5
195	Control of gallium incorporation in sol-gel derived CuIn(1-x)Ga x S2 thin films for photovoltaic applications. <i>Materials Research Bulletin</i> , 2015 , 70, 137-144	5.1	5
194	Atomic layer deposition of epitaxial CeO2 thin layers for faster surface hydrogen oxidation and faster bulk ceria reduction/reoxidation. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 10498-10503	13	10
193	Theoretical and experimental investigations of the thermoelectric properties of Bi2S3. <i>Journal of Applied Physics</i> , 2015 , 117, 125103	2.5	38
192	B-[AsW9O33](9-) polyoxometalates incorporating hexanuclear uranium {U6O8}-like clusters bearing the U(IV) form or unprecedented mixed valence U(IV)/U(VI) involving direct U(VI)=O-U(IV) bonding. <i>Dalton Transactions</i> , 2015 , 44, 19772-6	4.3	13
191	Lead-Free H-LaWO Ferroelectric Thin Films. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 24409-18	9.5	8
190	Reversible Exsolution of Nanometric Fe2O3 Particles in BaFe2(PO4)2 (0 < x < 1/3): The Logic of Vacancy Ordering in Novel Metal-Depleted Two-Dimensional Lattices. <i>Crystal Growth and Design</i> , 2015 , 15, 4237-4247	3.5	8
189	Magnetic Co3O4/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
188	Effective piezoelectric coefficient measurement of BaTiO3 thin films using the X-ray diffraction technique under electric field available in a standard laboratory. <i>Applied Surface Science</i> , 2015 , 351, 480-486	6.7	13
187	Novel La3Fe(MoO4)6 phase: magnetic properties and ethanol reactivity. <i>Dalton Transactions</i> , 2015 , 44, 14444-52	4.3	3

186	Determination of the absolute configuration of phosphinic analogues of glutamate. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 1106-12	3.9	6
185	Pure and Mn-doped La ₄ SrTi ₅ O ₁₇ layered perovskite as potential solid oxide fuel cell material: Structure and anodic performance. <i>Journal of Power Sources</i> , 2015 , 274, 806-815	8.9	7
184	Microstructure and Nanoscale Piezoelectric/Ferroelectric Properties in Ln ₂ Ti ₂ O ₇ (Ln=Lanthanide) Thin Films with Layered Perovskite Structure 2015 , 233-258		
183	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
182	Structural analysis of strained LaVO ₃ thin films. <i>Journal of Physics Condensed Matter</i> , 2015 , 27, 175001	1.8	9
181	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
180	Synthesis and properties of La _{0.05} Ba _{0.95} Ti _{1-x} MyO ₃ (M = Mn, Ce) as anode materials for solid oxide fuel cells. <i>Solid State Ionics</i> , 2015 , 283, 21-29	3.3	4
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	Access to newly functionalized imidazole derivatives: efficient synthesis of novel 5-amino-2-thioimidazoles using propylphosphonic anhydride (T ₃ P). <i>Tetrahedron Letters</i> , 2015 , 56, 1011 ² -1014 ⁷		
177	Ferroelectricity in La ₂ Zr ₂ O ₇ thin films with a frustrated pyrochlore-type structure. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 4037	7.1	29
176	Aminopolycarboxylate Bismuth(III)-Based Heterometallic Compounds as Single-Source Molecular Precursors for Bi ₄ V ₂ O ₁₁ and Bi ₂ Cu ₄ O ₄ Mixed Oxides. <i>Chemistry of Materials</i> , 2014 , 26, 6092-6103	9.6	8
175	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
174	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
173	Are Binary Copper Sulfides/Selenides Really New and Promising Thermoelectric Materials?. <i>Advanced Energy Materials</i> , 2014 , 4, 1301581	21.8	169
172	Silicon-Microtube Scaffold Decorated with Anatase TiO ₂ as a Negative Electrode for a 3D Lithium-Ion Microbattery. <i>Advanced Energy Materials</i> , 2014 , 4, 1301612	21.8	53
171	Sr ₄ Ru ₆ ClO ₁₈ , a new Ru ^{4+/5+} oxy-chloride, solved by precession electron diffraction: Electric and magnetic behavior. <i>Journal of Solid State Chemistry</i> , 2014 , 212, 99-106	3.3	9
170	Labile degree of disorder in bismuth-oxophosphate compounds: illustration through three new structural types. <i>Inorganic Chemistry</i> , 2014 , 53, 861-71	5.1	11
169	Self-irradiation and oxidation effects on americium sesquioxide and Raman spectroscopy studies of americium oxides. <i>Journal of Solid State Chemistry</i> , 2014 , 217, 159-168	3.3	10

168	The transcription factor EGR1 localizes to the nucleolus and is linked to suppression of ribosomal precursor synthesis. <i>PLoS ONE</i> , 2014 , 9, e96037	3.7	12
167	Experimental Electron Density of Ammonium Dihydrogen Phosphate in the Paraelectric as well as Antiferroelectric Phases by the Maximum Entropy Method. <i>Journal of Chemical Crystallography</i> , 2014 , 44, 586-596	0.5	1
166	Microstructure and nanoscale piezoelectric/ferroelectric properties in Ln ₂ Ti ₂ O ₇ (Ln = La, Pr and Nd) oxide thin films grown by pulsed laser deposition. <i>Thin Solid Films</i> , 2014 , 553, 71-75	2.2	13
165	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
164	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
163	Catalytic Asymmetric Allylic Alkylation of 3-Arylated Piperidin-2-ones. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 4979-4985	3.2	12
162	Structural and photoluminescence studies of highly crystalline un-annealed ZnO nanorods arrays synthesized by hydrothermal technique. <i>Journal of Luminescence</i> , 2013 , 144, 234-240	3.8	5
161	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
160	(t-BuC ₅ H ₄) ₃ Nd: A triscyclopentadienyl rare earth compound as non-classical isoprene polymerization pre-catalyst. <i>Journal of Organometallic Chemistry</i> , 2013 , 743, 139-146	2.3	7
159	Base-Promoted Expedient Access to Spiroisatins: Synthesis and Antitubercular Evaluation of 1H-1,2,3-Triazole-Tethered SpiroisatinFerrocene and IsatinFerrocene Conjugates. <i>Organometallics</i> , 2013 , 32, 7386-7398	3.8	25
158	Effect of deuteration: A new isotopic polymorph of glycine silver nitrate. <i>Journal of Molecular Structure</i> , 2013 , 1049, 27-35	3.4	1
157	XRD monitoring of γ self-irradiation in uranium-ameridium mixed oxides. <i>Inorganic Chemistry</i> , 2013 , 52, 14196-204	5.1	25
156	Novel 1,2,4-thiadiazole derivatives: crystal structure, conformational analysis, hydrogen bond networks, calculations, and thermodynamic characteristics of crystal lattices. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 10414-29	3.4	13
155	Influence of the diamine on the reactivity of thiosulfonato ruthenium complexes with hydrosulfide (HS ⁻). <i>Dalton Transactions</i> , 2013 , 42, 2817-21	4.3	6
154	Microstructural investigations and nanoscale ferroelectric properties in lead-free Nd ₂ Ti ₂ O ₇ thin films grown on SrTiO ₃ substrates by pulsed laser deposition. <i>CrystEngComm</i> , 2013 , 15, 4341	3.3	13
153	Tuning the catalytic properties of rare earth borohydrides for the polymerisation of isoprene. <i>Dalton Transactions</i> , 2013 , 42, 790-801	4.3	28
152	New insights on the structure and reducibility of 3D versus 2D La/Sr titanates for SOFC anodes. <i>Solid State Ionics</i> , 2013 , 247-248, 76-85	3.3	8
151	Structures and phases transition in hexylenediammonium pentachlorobismuthate (III) [NH ₃ (CH ₂) ₆ NH ₃]BiCl ₅ crystal. <i>Journal of Solid State Chemistry</i> , 2013 , 200, 22-29	3.3	25

150	Dismantling the salen framework: design of new asymmetric silylcyanation catalysts. <i>Catalysis Science and Technology</i> , 2013 , 3, 580-583	5.5	4
149	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
148	Cyrhetrenyl chalcones: Synthesis, characterization and antimalarial evaluation. <i>Journal of Organometallic Chemistry</i> , 2013 , 723, 143-148	2.3	23
147	Mixed metallic Ba(Co,Mn)X _{0.2} D ₃ [(X=F, Cl) hexagonal perovskites. <i>Journal of Solid State Chemistry</i> , 2013 , 198, 210-217	3.3	9
146	Atomic Layer Deposition, a Key Technique for Processing Thin-Layered SOFC Materials - Case Of Epitaxial Thin Layers of CeO ₂ Catalyst. <i>ECS Transactions</i> , 2013 , 57, 983-990	1	3
145	Inclusion of tetrabutylammonium cations in a chiral thiazolium/triflate network: Solid state and solution structural investigation. <i>Journal of Molecular Structure</i> , 2012 , 1010, 152-157	3.4	11
144	Molecular interactions in 2-aminopyridinium malonate. <i>Journal of Structural Chemistry</i> , 2012 , 53, 354-360.	0.9	1
143	Evidence of ferroelectricity in metastable Sm ₂ Ti ₂ O ₇ thin film. <i>Journal of Materials Chemistry</i> , 2012 , 22, 9806		28
142	Investigation of microstructure in ferroelectric lead-free La ₂ Ti ₂ O ₇ thin film grown on (001)-SrTiO ₃ substrate. <i>CrystEngComm</i> , 2012 , 14, 6524	3.3	13
141	Mixed metallic Ba(Co,Fe)X _(0.2) O _(3-δ) (X = F, Cl) hexagonal perovskites: drastic effect of Fe-incorporation on structural and electronic features. <i>Inorganic Chemistry</i> , 2012 , 51, 7598-608	5.1	9
140	Synthesis of a Fe(II)SH complex stabilized by an intramolecular N-H \cdots S hydrogen bond, which acts as a H ₂ S donor. <i>Inorganic Chemistry</i> , 2012 , 51, 10068-70	5.1	27
139	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
138	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
137	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
136	Characterization of cobalt(III) hydroxamic acid complexes based on a tris(2-pyridylmethyl)amine scaffold: reactivity toward cysteine methyl ester. <i>Inorganic Chemistry</i> , 2012 , 51, 9350-6	5.1	12
135	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
134	β -Amino-oximes based on optically pure limonene: a new ligands family for ruthenium-catalyzed asymmetric transfer hydrogenation. <i>Chirality</i> , 2012 , 24, 675-82	2.1	12
133	Hall-Effect Measurements of Sol-Gel Derived CuInS ₂ Thin Films for Photovoltaic Applications. <i>Applied Physics Express</i> , 2012 , 5, 125801	2.4	3

132	Synthesis and photocatalytic activity of iodine-doped ZnO nanoflowers. <i>Journal of Materials Chemistry</i> , 2011 , 21, 10982		61
131	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
130	Crystallization of amorphous silicates far from equilibrium part II: Experimental insight into the key role of decoupled cation mobilities. <i>Journal of Non-Crystalline Solids</i> , 2011 , 357, 3467-3473	3.9	4
129	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
128	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
127	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
126	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
125	Effect of the dopant nature on the conductivity of oxygen overstoichiometric oxyapatites with controlled microstructures. <i>Solid State Ionics</i> , 2011 , 185, 18-26	3.3	13
124	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
123	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
122	Lamellar Titanates: A Breakthrough in the Search for New Solid Oxide Fuel Cell Anode Materials Operating on Methane. <i>Advanced Energy Materials</i> , 2011 , 1, 573-576	21.8	14
121	Structural Characterization and Photoluminescent Properties of (La _{1-x} Sm _x) ₂ Ti ₂ O ₇ Solid Solutions Synthesized by a Sol-Gel Route. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 3569-3576	2.3	30
120	Synthesis, Stability, and Reactivity of [(TPA)Zn(SH)] ⁺ in Aqueous and Organic Solutions. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, n/a-n/a	2.3	8
119	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
118	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
117	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
116	Crystal structure and vibrational studies of butylenediammonium pentachlorobismuthate (III) hydrate [NH ₃ (CH ₂) ₄ NH ₃]BiCl ₅ ·H ₂ O. <i>Journal of Molecular Structure</i> , 2011 , 990, 95-101	3.4	40
115	Complete topological analysis of electron density obtained by maximum entropy method and its comparison with the theoretical electron density: A case study of 2-aminopyridinium maleate. <i>Journal of Molecular Structure</i> , 2011 , 994, 44-54	3.4	1

114	Synthesis, structural characterization and biological activity against several human tumor cell lines of four rhenium(I) diseleno-ethers complexes: $\text{Re}(\text{CO})_3\text{Cl}(\text{PhSe}(\text{CH}_2)_2\text{SePh})$, $\text{Re}(\text{CO})_3\text{Cl}(\text{PhSe}(\text{CH}_2)_3\text{SePh})$, $\text{Re}(\text{CO})_3\text{Cl}(\text{HO}_2\text{C}(\text{CH}_2)_2\text{Se}(\text{CH}_2)_2\text{SeCH}_2\text{CO}_2\text{H})$ and $\text{Re}(\text{CO})_3\text{Cl}(\text{HO}_2\text{C}(\text{CH}_2)_3\text{SeCH}_2\text{CO}_2\text{H})$. <i>Polyhedron</i> , 2011 , 30, 347-353	2.7	20
113	Recent developments in amorphous sputtered ITO thin films acting as transparent front contact layer of CIGS solar cells for energy autonomous wireless microsystems 2011 ,		2
112	Structural investigation of composite phases $\text{Ba}_{1+x}[(\text{Na}_x\text{Mn}_{1-x})\text{O}_3]$ with x approx. 2/7, 5/17 and 1/3; exotic Mn ^{4.5+} valence. <i>Zeitschrift für Kristallographie</i> , 2010 , 225, 1-11		2
111	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
110	An alternate route to disulfanido complexes by nucleophilic attack of thiolates on ruthenium-bound thiosulfonato ligands. <i>Inorganic Chemistry</i> , 2010 , 49, 9119-21	5.1	5
109	Solvent-free microwave-assisted Meyers lactamization. <i>Green Chemistry</i> , 2010 , 12, 961	10	29
108	Spin-Flop Transition and Magnetocaloric Effect through Disconnected Magnetic Blocks in CoIII/CoIV Oxybromides. <i>Chemistry of Materials</i> , 2010 , 22, 3807-3816	9.6	17
107	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
106	$\text{Ba}_8\text{Co}_2\text{Mn}_6\text{ClO}_{22}$, a quasi-1D hexagonal perovskite polytype containing new 8H-blocks. <i>Chemical Communications</i> , 2010 , 46, 5271-3	5.8	10
105	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
104	Further studies on the lithium phosphorus oxynitride solid electrolyte. <i>Materials Chemistry and Physics</i> , 2010 , 123, 231-235	4.4	34
103	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
102	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
101	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
100	Synthesis and characterization of $\text{Bi}_{31}\text{Cr}_5\text{O}_{61.5}$, a new bismuth chromium oxide, potential mixed-ionic/electronic conductor for solid oxide fuel cells. <i>Journal of Power Sources</i> , 2010 , 195, 7207-7212	8.9	6
99	Synthesis, crystal structure and thermal behavior of two hydrated forms of lanthanide phthalates $\text{Ln}_2(\text{O}_2\text{C}_6\text{H}_4\text{CO}_2)_3(\text{H}_2\text{O})$ (Ln=Ce, Nd) and $\text{Nd}_2(\text{O}_2\text{C}_6\text{H}_4\text{CO}_2)_3(\text{H}_2\text{O})_3$. <i>Journal of Solid State Chemistry</i> , 2010 , 183, 1943-1948	3.3	4
98	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
97	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

96	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
95	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
94	Phase Transitions in the BiVO_4 - $n\text{PbO}$ ($n = 1, 2$) System: Structural/Electrical Properties Relationships. <i>Journal of Electronic Materials</i> , 2009 , 38, 113-118	1.9	
93	The incommensurately modulated crystal structure of beta- Pb_2BiVO_6 : interpretation of the phase transition $\alpha \rightarrow \beta \rightarrow \delta$ and conduction properties of related materials. <i>Acta Crystallographica Section B: Structural Science</i> , 2009 , 65, 416-25		5
92	Molecular interactions in the anomalous salt: 2-Aminopyridinium maleate maleic acid. <i>Journal of Molecular Structure</i> , 2009 , 923, 45-52	3.4	11
91	Charge-density analysis of hydrogen-bonded complexes of glycine by the maximum entropy method. <i>Journal of Molecular Structure</i> , 2009 , 938, 229-237	3.4	3
90	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
89	$[\text{Ni}(\text{H}_2\text{O})_4]_3[\text{U}(\text{OH}, \text{H}_2\text{O})(\text{UO}_2)_8\text{O}_{12}(\text{OH})_3]$, crystal structure and comparison with uranium minerals with U_3O_8 -type sheets. <i>Journal of Solid State Chemistry</i> , 2009 , 182, 905-912	3.3	14
88	Electrochemical impedance spectroscopy of ZnO nanostructures. <i>Electrochemistry Communications</i> , 2009 , 11, 945-949	5.1	49
87	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
86	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
85	Synthesis, characterization, and reactivity of alkyldisulfanido zinc complexes. <i>Inorganic Chemistry</i> , 2009 , 48, 5921-7	5.1	31
84	Influence of carboxamido nitrogen donors on the redox potential of copper(III) complexes. <i>Journal of Coordination Chemistry</i> , 2009 , 62, 2472-2479	1.6	3
83	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
82	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
81	New fluorescent zinc complexes: towards specific sensors for hydrogen sulfide in solution. <i>Dalton Transactions</i> , 2009 , 9126-30	4.3	51
80	SURFACE TEMPERATURE OF PROTOPLANETARY DISKS PROBED BY ANNEALING EXPERIMENTS REFLECTING SPITZER OBSERVATIONS. <i>Astrophysical Journal</i> , 2009 , 707, L174-L178	4.7	14
79	$\text{Ca}_3\text{Co}_4\text{O}_9$: A Thermoelectric Material for SOFC Cathode. <i>Chemistry of Materials</i> , 2009 , 21, 4738-4745	9.6	67

78	(MBi) ₄ V ₈ O _y -family type (M=Pb, Sr, Ca, Cd, Na _{0.5} Bi _{0.5}): Syntheses, crystal structures and conductivity properties. <i>Solid State Sciences</i> , 2008 , 10, 1074-1082	3-4	9
77	Structure, dimensionality and magnetism of new cobalt oxyhalides. <i>Solid State Sciences</i> , 2008 , 10, 471-475	3-4	15
76	PMN-PT thin films grown by sputtering on silicon substrate: influence of the annealing temperature on the physico-chemical and electrical properties of the films. <i>Research on Chemical Intermediates</i> , 2008 , 34, 201-215	2.8	
75	Interface Excess and Polymorphic Stability of Nanosized Zirconia-Magnesia. <i>Chemistry of Materials</i> , 2008 , 20, 3505-3511	9.6	29
74	New ionic half-metallocenes of early lanthanides. <i>Journal of Alloys and Compounds</i> , 2008 , 451, 352-357	5-7	23
73	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
72	Synthesis and characterization of mononuclear hydroxamato and hydroximato complexes of iron(III) based on the tris-(2-pyridylmethyl)amine ligand. <i>Dalton Transactions</i> , 2008 , 6415-20	4-3	2
71	Overview of Electrons and Orbitals in a Nearly One-Dimensional Co ³⁺ /Co ⁴⁺ System. <i>Chemistry of Materials</i> , 2008 , 20, 1741-1749	9.6	13
70	Polymorphism in PbBiOXO ₄ compounds (X=V, P, As): Part II PbBiOPO ₄ and PbBiOAsO ₄ structures and characterization of related solid solutions. <i>Journal of Solid State Chemistry</i> , 2008 , 181, 2268-2273	3-3	9
69	Polymorphism in PbBiOXO ₄ compounds (X=V, P, As). Part I: Crystal structures of PbBiVO ₄ and PbBiVO ₄ . <i>Journal of Solid State Chemistry</i> , 2008 , 181, 2260-2267	3-3	3
68	One-dimensional inorganic arrangement in the bismuth oxalate hydroxide Bi(C ₂ O ₄)OH. <i>Journal of Solid State Chemistry</i> , 2008 , 181, 2586-2590	3-3	34
67	Characterisation of Ba ₂ In ₂ (Sn x O ₅ + x/2) oxide ion conductors. <i>Ionics</i> , 2008 , 14, 477-482	2.7	3
66	Nucleolus: the fascinating nuclear body. <i>Histochemistry and Cell Biology</i> , 2008 , 129, 13-31	2.4	287
65	2-Aminopyridinium maleate: A structural study. <i>Journal of Molecular Structure</i> , 2008 , 891, 103-109	3.4	17
64	Structure of Ba ₂ In ₂ V _x O _{5+x} phases: Complementarity of diffraction, Raman and absorption techniques. <i>Solid State Ionics</i> , 2008 , 179, 771-775	3-3	15
63	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
62	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
61	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

60	Layered ruthenium hexagonal perovskites: The new series $[\text{Ba}_2\text{Br}_{2-x}(\text{CO}_3)_x][\text{Ba}_{n+1}\text{Ru}_n\text{O}_{3n+3}]$ with $n=2, 3, 4, 5$. <i>Journal of Solid State Chemistry</i> , 2007 , 180, 1957-1966	3.3	3
59	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
58	New oxybromide cobaltites with layered perovskite-related structures: $18\text{R-Ba}(6)\text{Co}(5)\text{BrO}(14)$ and $14\text{H-Ba}(7)\text{Co}(6)\text{BrO}(17)$. <i>Acta Crystallographica Section B: Structural Science</i> , 2007 , 63, 589-96		13
57	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
56	New cobaltite materials containing CdI_2 -type layers: Synthesis and structures of $\text{Ba}_2\text{Co}_4\text{ClO}_7$ and $\text{Ba}_2\text{Co}_4\text{BrO}_7$. <i>Solid State Sciences</i> , 2007 , 9, 885-894	3.4	6
55	Crystal structures and conductivity properties of $\text{MBi}_6\text{V}_2\text{O}_{15}$ family type compounds ($\text{M}=\text{Pb}, \text{Sr}, \text{Ca}, \text{Cd}, \text{Na}_{0.5}\text{Bi}_{0.5}$). <i>Solid State Sciences</i> , 2007 , 9, 964-972	3.4	9
54	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
53	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
52	Electrostrictive and Piezoelectric Behavior of PMN-PT Thin Films. <i>Ferroelectrics</i> , 2007 , 351, 15-24	0.6	4
51	Low temperature perovskite crystallization of 70% $\text{PbMg}_{1-x}\text{Nb}_2\text{O}_3$ -30% PbTiO_3 thin films deposited by sputtering and their electrical performance evaluation. <i>Applied Physics Letters</i> , 2007 , 91, 032903	3.4	6
50	A new investigation of the system Ni_3In . <i>Intermetallics</i> , 2007 , 15, 869-884	3.5	158
49	Structures and oxide mobility in Bi-Ln-O materials: heritage of Bi_2O_3 . <i>Chemical Reviews</i> , 2007 , 107, 80-968.1	68.1	205
48	Metalation of cyclic pseudopeptidic thiosulfonates with Ni(II) and Zn(II) after ring opening: a mechanistic investigation. <i>Inorganic Chemistry</i> , 2007 , 46, 4515-22	5.1	9
47	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
46	$\text{Bi}_{1-x}\text{Ca}_x\text{MnO}_3$ ($x = 0.4$ and 0.45): X-ray Single-Crystal and Electron Microscopy Study. <i>Chemistry of Materials</i> , 2006 , 18, 3225-3236	9.6	15
45	Host-guest interaction in a thiourea-dimethyl oxalate (2/1) complex at 300 and 100 K. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2006 , 62, o547-9		
44	3D-magnetic ordering of Co^{4+} dimers in a new $\text{Co}^{3+,4+}$ oxychloride: Neutron diffraction analysis and DFT calculations. <i>Chemical Physics Letters</i> , 2006 , 432, 88-93	2.5	14
43	Thermal evolution and crystal structures of the 3,5-pyrazole dicarboxylic acid (hydrated form and anhydrous): Ligations with nickel II and barium II. <i>Journal of Molecular Structure</i> , 2006 , 798, 134-140	3.4	6

42	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
41	Sr ₄ PbPt ₄ O ₁₁ , the first platinum oxide containing Pt ²⁺ ions. <i>Journal of Solid State Chemistry</i> , 2006 , 179, 2101-2110	3.3	5
40	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
39	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
38	Influence of grain size on the phase transition $\alpha \rightarrow \beta$ in Bi ₄ La ₂ O ₉ material. <i>Materials Research Bulletin</i> , 2005 , 40, 1599-1608	5.1	5
37	Bi ₁₇ Yb ₇ O ₃₆ and BiYbO ₃ crystal structures. Characterization of thulium and lutetium homologous compounds. <i>Solid State Sciences</i> , 2005 , 7, 269-276	3.4	8
36	Thermal and vibrational studies of propylenediammonium hexachlorobismuthate dihydrate, [NH ₃ (CH ₂) ₃ NH ₃] ₃ (BiCl ₆) ₂ ·2H ₂ O. <i>Journal of Raman Spectroscopy</i> , 2005 , 36, 791-796	2.3	24
35	Structural phase transition in [NH ₃ (CH ₂) ₅ NH ₃]BiCl ₅ : thermal and vibrational studies. <i>Journal of Raman Spectroscopy</i> , 2005 , 36, 1023-1028	2.3	30
34	Stabilization of a new polymorph in P-substituted Pb ₂ BiVO ₆ : Single crystal structure of Pb ₂ Bi(V _{0.84} P _{0.16})O ₆ and conduction properties of related materials. <i>Journal of Solid State Chemistry</i> , 2005 , 178, 2247-2255	3.3	13
33	Crown Compounds Containing a 1,3,4-Thiadiazole Moiety: Microwave Assisted Synthesis, Crystal Structure and Quantum Calculations. <i>Heterocycles</i> , 2005 , 65, 2847	0.8	7
32	A reinvestigation of the crystal structure of β -Pb ₂ BiVO ₆ . <i>Solid State Sciences</i> , 2004 , 6, 783-790	3.4	9
31	Crystal structure of the mixed Mn ⁴⁺ /Mn ⁵⁺ 2H-perovskite-type Ba ₄ Mn ₂ NaO ₉ oxide. <i>Solid State Sciences</i> , 2004 , 6, 931-938	3.4	13
30	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
29	Layered perovskite-related ruthenium oxychlorides: crystal structure of two new compounds Ba ₅ Ru ₂ Cl ₂ O ₉ and Ba ₆ Ru ₃ Cl ₂ O ₁₂ . <i>Journal of Solid State Chemistry</i> , 2004 , 177, 806-816	3.3	11
28	New Ba ₅ M ₅ Pt _x ClO ₁₃ (M=Fe, Co) oxychlorides with layered perovskite-related structure. <i>Journal of Solid State Chemistry</i> , 2004 , 177, 1023-1031	3.3	6
27	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
26	Crystal structure determination of β , γ and δ -Bi ₄ V ₂ O ₁₁ polymorphs. Part I: δ and γ -Bi ₄ V ₂ O ₁₁ . <i>Solid State Sciences</i> , 2003 , 5, 851-859	3.4	59
25	Crystal structure determination of β , γ and δ -Bi ₄ V ₂ O ₁₁ polymorphs. Part II: crystal structure of β -Bi ₄ V ₂ O ₁₁ . <i>Solid State Sciences</i> , 2003 , 5, 861-869	3.4	47

24	Polymorphism of Bi _{1-x} Ln _x O _{1.5} phases (0. <i>Materials Research Bulletin</i> , 2003 , 38, 113-124	5.1	15
23	A new fluorite type compound Pb ₅ Bi _{1-7x} As _{3x} O ₄₃ : synchrotron and neutron structure determination (X=P) and conduction properties (X=P, V and As). <i>Solid State Sciences</i> , 2002 , 4, 1143-1152	3.4	14
22	Polysynthetic Twinning Characterization and Crystallographic Refinement in NaBa ₂ M ₂ +2M ₃ +O ₆ (M=Ni, Cu). <i>Journal of Solid State Chemistry</i> , 2002 , 165, 214-227	3.3	10
21	The Crystal Structure of Bi ₂ PbMnO ₄ (PO ₄) ₂ , a Member of a New Solid Solution Series in the BiPbMnB Oxide System. <i>Journal of Solid State Chemistry</i> , 2002 , 165, 324-333	3.3	9
20	Cyclin-dependent kinases govern formation and maintenance of the nucleolus. <i>Journal of Cell Biology</i> , 2002 , 156, 969-81	7.3	121
19	Sliding charge density wave in the monophosphate tungsten bronze (PO ₂) ₄ (WO ₃) _{2m} with alternate stacking of m=4 and m=6 WO ₃ layers. <i>Physical Review B</i> , 2002 , 66,	3.3	6
18	Structural phase transition in the 2D spin dimer compound SrCu ₂ (BO ₃) ₂ . <i>European Physical Journal B</i> , 2001 , 19, 507-516	1.2	28
17	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
16	Symmetry and twins in the monophosphate tungsten bronze series (P ₂) ₄ (W ₃) _{2m} (2 Acta Crystallographica Section B: Structural Science, 2000 , 56 (Pt 3), 377-91		34
15	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
14	P ₄ W 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
13	Crystal structure and electrical properties of K ₂ P ₄ W ₁₂ O ₄₄ , the m=6 member of the series of low-dimensional conductors K _x (P ₂) ₄ (W ₃) _{2m} . <i>Journal of Materials Chemistry</i> , 1999 , 9, 973-978		3
12	Cluster configurations in modulated EuV _x Mo _{8+y} O ₁₄ crystals. <i>Acta Crystallographica Section B: Structural Science</i> , 1999 , 55, 467-483		2
11	Structural investigation of a new variety of the low dimensional conductor with 2 m = 5 + 5: P ₄ W ₁₀ O ₃₈ . <i>European Physical Journal B</i> , 1999 , 12, 497-508	1.2	7
10	Electronic Instabilities and Localization Effects in the Quasi-Two-Dimensional Monophosphate Tungsten Bronzes (P ₂) ₄ (W ₃) _{2m} and K _x P ₄ W ₈ O ₃₂ . <i>Journal of Solid State Chemistry</i> , 1999 , 147, 320-327	3.3	8
9	Structural investigations of two varieties of the quasi-2D conductors (P ₂) ₄ (W ₃) _{2m} (m=5). <i>Synthetic Metals</i> , 1999 , 103, 2624-2627	3.6	5
8	Coupled electronic and structural transition in the quasi two-dimensional conductors K _x P ₄ W ₈ O ₃₂ . <i>Synthetic Metals</i> , 1999 , 103, 2636-2639	3.6	4
7	Phase Relations, Crystal Structure, and Electron Transport Properties of Phosphate Tungsten Bronzes (K _x N _y)(P ₂) ₄ (W ₃) _{2m} (m= 4, 6). <i>Chemistry of Materials</i> , 1999 , 11, 2049-2056	9.6	6

6	Characterization of New Lead-Based Monophosphate Tungsten Bronzes, $Pb_x(PO_2)_4(WO_3)_2m(6H_{10})$. <i>Journal of Solid State Chemistry</i> , 1998 , 139, 362-372	3-3	3
5	Structural Investigation of P4W24O80: A New Monophosphate Tungsten Bronze. <i>Acta Crystallographica Section B: Structural Science</i> , 1998 , 54, 365-375		1
4	Electronic instabilities in the quasi-two-dimensional metallic oxide. <i>Journal of Physics Condensed Matter</i> , 1997 , 9, 7081-7088	1-8	8
3	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
2	$(PO_2)_4(WO_3)_4$ Single Crystals of the MPTBp Family: A HREM Study. <i>Journal of Solid State Chemistry</i> , 1996 , 127, 302-307	3-3	5
1	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	23 ¹