P Boulet

List of Publications by Year in descending order

188 papers	4,427 citations	117625 34 h-index	128289 60 g-index
199 all docs	199 docs citations	199 times ranked	4651 citing authors

#	Article	IF	Citations
1	Effects of deposition parameters on the microstructure and mechanical properties of Ti(C,N) produced by moderate temperature chemical vapor deposition (MT-CVD) on cemented carbides. Vacuum, 2022, 195, 110650.	3.5	11
2	Al₄Ir: An Alâ€“Ir Binary-Phase Superstructure of the Ni₂Al₃ Type. Inorganic Chemistry, 2022, 61, 8823-8833.	4.0	0
3	Theoretical and experimental approaches for the determination of functional properties of MgSnN2 thin films. Solar Energy Materials and Solar Cells, 2022, 244, 111797.	6.2	6
4	Structural Model and Spin-Glass Magnetism of the Ce3Au13Ge4 Quasicrystalline Approximant. Inorganic Chemistry, 2021, 60, 2526-2532.	4.0	1
5	Thermal stability of oxygen vacancy stabilized zirconia (OVSZ) thin films. Surface and Coatings Technology, 2021, 409, 126880.	4.8	3
6	Efficient Access to Arylated Azaâ€ullazines by Regioselective Functionalization of their Pyridine Ring by Hâ^'Li Exchange and Electrophilic Substitution. European Journal of Organic Chemistry, 2021, 2021, 3331-3339.	2.4	2
7	Elaboration of high-transparency ZnO thin films by ultrasonic spray pyrolysis with fast growth rate. Superlattices and Microstructures, 2021, 156, 106945.	3.1	7
8	Crystal Structure, Microstructure and Electronic Properties of a Newly Discovered Ternary Phase in the Al-Cr-Sc System. Crystals, 2021, 11, 1535.	2.2	1
9	Crystalline and Electronic Structures of the Al1+xV2Sn2â€“x (x = 0.19) Intermetallic Compound. Inorganic Chemistry, 2020, 59, 360-366.	4.0	0
10	Paramagnetism and martensite stabilization of tensile strained NiTi shape memory alloy. Applied Physics Letters, 2020, 117, .	3.3	2
11	Effect of Thermal Stresses Formed during Air Annealing of Amorphous Lanthanum Cuprate Thin Films Deposited on Silicon Substrate. Coatings, 2020, 10, 613.	2.6	7
12	Deposition and characterization of ZnO thin films on GaAs and Pt/GaAs substrates. Materials Chemistry and Physics, 2020, 247, 122854.	4.0	3
13	Issues in growing Heusler compounds in thin films for spintronic applications. Journal of Applied Physics, 2020, 128, 241102.	2.5	18
14	Epitaxial growth of magnetostrictive TbFe2 films on piezoelectric LiNbO3. Journal of Physics Condensed Matter, 2019, 31, 405801.	1.8	5
15	Probing the growth window of LaVO3 perovskites thin films elaborated using magnetron co-sputtering. Ceramics International, 2019, 45, 16658-16665.	4.8	11
16	Overview of the U3TGe5 family with T=Ti, V, Cr, Mn, Zr, Nb, Mo, Hf, Ta and W: Nine new members, phase formation, stability, structural and physical properties and electronic structures. Journal of Solid State Chemistry, 2019, 277, 260-270.	2.9	2
17	High-frequency surface acoustic wave devices based on epitaxial Z-LiNbO3 layers on sapphire. Applied Physics Letters, 2019, 114, .	3.3	13
18	Relationship Processingâ€“Compositionâ€“Structureâ€“Resistivity of LaNiO3 Thin Films Grown by Chemical Vapor Deposition Methods. Coatings, 2019, 9, 35.	2.6	6

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19	Stoichiometric Lithium Niobate Crystals: Towards Identifiable Wireless Surface Acoustic Wave Sensors Operable up to 600ÂÂ°C. , 2019, 3, 1-4.		23
20	Magnetic anisotropy switching induced by shape memory effect in NiTi/Ni bilayer. Applied Physics Letters, 2019, 115, .	3.3	2
21	Room temperature cathodoluminescence quenching of Er3+ in AlNOEr. Journal of Luminescence, 2019, 205, 97-101.	3.1	2
22	Growth, interfacial microstructure and optical properties of NiO thin films with various types of texture. Acta Materialia, 2019, 164, 648-653.	7.9	24
23	A new ternary compound with the BGa₈Ir₄ structure type in the Alâ€“Auâ€“Ir system. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2019, 75, 49-52.	1.1	1
24	Gallium substitution in the transuranium superconductor PuCoGa5. Journal of Alloys and Compounds, 2018, 745, 477-482.	5.5	0
25	Chemical environment and functional properties of highly crystalline ZnSnN2 thin films deposited by reactive sputtering at room temperature. Solar Energy Materials and Solar Cells, 2018, 182, 30-36.	6.2	34
26	Extended X-ray absorption fine structure study of the Er bonding in AlNO:Erx films with xâ€‰â‰ˆâ€‰3.6%. Journal of Applied Physics, 2018, 124, 085705.	2.5	3
27	Effect of LiNbO₃polarity on the structural, optical and acoustic properties of epitaxial ZnO and Mg_xZn_{1â^'x}O films. Journal Physics D: Applied Physics, 2018, 51, 484003.	2.8	3
28	Local Homoepitaxial Growth in Sputtered NiO Thin Films: An Effective Approach to Tune the Crystallization, Preferred Growth Orientation, and Electrical Properties. Physica Status Solidi - Rapid Research Letters, 2018, 12, 1800191.	2.4	2
29	Toward Highâ€Quality Epitaxial LiNbO₃ and LiTaO₃ Thin Films for Acoustic and Optical Applications. Advanced Materials Interfaces, 2017, 4, 1600998.	3.7	80
30	Synthesis of RuO2 Nanowires by Alkali-Assisted Oxidation of Ruthenium in Plasma Afterglow at Atmospheric Pressure. IEEE Nanotechnology Magazine, 2017, 16, 624-633.	2.0	2
31	Comparison between Ir, Ir0.85Rh0.15 and Ir0.7Rh0.3 thin films as electrodes for surface acoustic waves applications above 800 Â°C in air atmosphere. Sensors and Actuators A: Physical, 2017, 266, 211-218.	4.1	11
32	LaFeOxNy perovskite thin films: Nitrogen location and its effect on morphological, optical and structural properties. Journal of Alloys and Compounds, 2017, 724, 74-83.	5.5	9
33	Theoretical and experimental study of ScAlN/Sapphire structure based SAW sensor. , 2017, , .		9
34	First investigations on stoichiometric lithium niobate as piezoelectric substrate for high-temperature surface acoustic waves applications. , 2017, , .		4
35	AlN/IDT/AlN/Sapphire SAW Heterostructure for High-Temperature Applications. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2016, 63, 898-906.	3.0	16
36	Role of Cu⁺ on ZnS:Cu p-type semiconductor films grown by sputtering: influence of substitutional Cu in the structural, optical and electronic properties. RSC Advances, 2016, 6, 43480-43488.	3.6	19

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37	Localised growth of CuO nanowires by micro-afterglow oxidation at atmospheric pressure: Investigation of the role of stress. Surface and Coatings Technology, 2016, 305, 254-263.	4.8	14
38	Random-anisotropy ferromagnetic state in theCu5Gd0.54Ca0.42intermetallic compound. Physical Review B, 2016, 93, .	3.2	3
39	Stabilisation of Ce-Cu-Fe amorphous alloys by addition of Al. Philosophical Magazine, 2016, 96, 3143-3158.	1.6	0
40	Local heteroepitaxial growth to promote the selective growth orientation, crystallization and interband transition of sputtered NiO thin films. CrystEngComm, 2016, 18, 1732-1739.	2.6	8
41	Synthesis of RuO 2 nanowires from Ru thin films by atmospheric pressure micro-post-discharge. Surface and Coatings Technology, 2016, 295, 13-19.	4.8	4
42	Properties of rare-earth orthoferrites perovskite driven by steric hindrance. Journal of Alloys and Compounds, 2016, 657, 631-638.	5.5	32
43	 Ga_2O_3 films alloyed with SnO_2 and treated by RF plasma: an interesting way for the development of transparent contacts for UV-emitting photonics devices. , 2016, , .		0
44	Reference Raman spectra of synthesized CaCl₂â€‰Â·â€‰nH₂O solids (nâ€‰=â€‰0,) Tj ETQ	2.5	33
45	Unusual behaviour of (Np,Pu)B2C. Philosophical Magazine, 2015, 95, 649-660.	1.6	3
46	Erbium location into AlN films as probed by spatial resolution experimental techniques. Acta Materialia, 2015, 90, 37-45.	7.9	9
47	Tuning the structure and preferred orientation in reactively sputtered copper oxide thin films. Applied Surface Science, 2015, 335, 85-91.	6.1	44
48	AlN films deposited by dc magnetron sputtering and high power impulse magnetron sputtering for SAW applications. Journal Physics D: Applied Physics, 2015, 48, 145307.	2.8	38
49	Investigations of AlN thin film crystalline properties in a wide temperature range by in situ x-ray diffraction measurements: Correlation with AlN/sapphire-based SAW structure performance. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2015, 62, 1397-1402.	3.0	9
50	Al3AuIr: A New Compound in the Alâ€“Auâ€“Ir System. Inorganic Chemistry, 2015, 54, 7898-7905.	4.0	6
51	Thickness dependent stresses and thermal expansion of epitaxial LiNbO3 thin films on C-sapphire. Materials Chemistry and Physics, 2015, 149-150, 622-631.	4.0	15
52	Optical properties of Ce-doped SiO2 films: From isolated Ce3+ ions to formation of cerium silicate. Journal of Alloys and Compounds, 2015, 622, 358-361.	5.5	13
53	Substitutional Atom Influence on the Electronic and Transport Properties of Mn4Si7. Journal of Electronic Materials, 2014, 43, 761-773.	2.2	10
54	Correlation between structural properties of AlN/Sapphire and performances of SAW devices in wide temperature range. , 2014, , .		2

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55	Thermoelectric Properties of Mg₂Si Thin Films by Computational Approaches. Journal of Physical Chemistry C, 2014, 118, 19635-19645.	3.1	24
56	Linear Thermal Expansion Coefficients of Higher Manganese Silicide Compounds. Physics Procedia, 2014, 55, 24-29.	1.2	10
57	VN thin films as electrode materials for electrochemical capacitors. Electrochimica Acta, 2014, 141, 203-211.	5.2	98
58	Testing epitaxial Co1.5Fe1.5Ge(001) electrodes in MgO-based magnetic tunnel junctions. Applied Physics Letters, 2014, 104, 252412.	3.3	11
59	Controlling the preferred orientation in sputter-deposited Cu2O thin films: Influence of the initial growth stage and homoepitaxial growth mechanism. Acta Materialia, 2014, 76, 207-212.	7.9	30
60	Application of sputtered ruthenium nitride thin films as electrode material for energy-storage devices. Scripta Materialia, 2013, 68, 659-662.	5.2	85
61	Investigation of New Routes for the Synthesis of Mn4Si7. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2013, 44, 1645-1650.	2.2	5
62	Near-room temperature single-domain epitaxy of reactively sputtered ZnO films. Journal Physics D: Applied Physics, 2013, 46, 235107.	2.8	28
63	Cation size effect on the thermochromic properties of rare earth cobaltitesRECoO₃(RE: La, Nd, Sm). Journal of Applied Physics, 2013, 114, 113510.	2.5	13
64	Phase formation in Mnâ€“Si thin films during rapid thermal annealing. Intermetallics, 2013, 37, 69-75.	3.9	5
65	Phase transformations in Higher Manganese Silicides. Journal of Alloys and Compounds, 2013, 551, 30-36.	5.5	24
66	Mechanism of adsorption of p-cresol uremic toxin into faujasite zeolites in presence of water and sodium cations â€“ A Monte Carlo study. Microporous and Mesoporous Materials, 2013, 173, 70-77.	4.4	13
67	Effect of deposition conditions on the stoichiometry and structural properties of LiNbO₃thin films deposited by MOCVD. Proceedings of SPIE, 2013, , .	0.8	8
68	Grand canonical monte carlo modeling of hydrogen adsorption on phosphorus-doped open carbon framework. Adsorption, 2013, 19, 869-877.	3.0	6
69	Identification of LiNbO₃, LiNb₃O₈and Li₃NbO₄phases in thin films synthesized with different deposition techniques by means of XRD and Raman spectroscopy. Journal of Physics Condensed Matter, 2013, 25, 205901.	1.8	50
70	Effect of Biaxial Strain on Electronic and Thermoelectric Properties of Mg2Si. Journal of Electronic Materials, 2013, 42, 3458-3466.	2.2	17
71	Isothermal Î±â€³ formation in Î² metastable titanium alloys. Journal of Alloys and Compounds, 2013, 577, S439-S443.	5.5	90
72	Magnetic and electronic properties of NpCo2: Evidence for long-range magnetic order. Physical Review B, 2013, 87, .	3.2	3

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73	...ically frustrated magnetism of spins on icosahedral clusters: The Gd<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>Au<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mn>13</mml:mn></mml:msub></mml:math>Sn<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></mml:math>	3.2	18
74	Reduction of temperature coefficient of frequency in LiTaO<inf>3</inf> single crystals for surface acoustic wave applications. , 2012, , .		0
75	Computational investigation of the adsorption of carbon dioxide onto zirconium oxide clusters. Journal of Molecular Modeling, 2012, 18, 4819-4830.	1.8	10
76	Hypothetical High-Surface-Area Carbons with Exceptional Hydrogen Storage Capacities: Open Carbon Frameworks. Journal of the American Chemical Society, 2012, 134, 15130-15137.	13.7	66
77	Residual stresses and clamped thermal expansion in LiNbO₃ and LiTaO₃ thin films. Applied Physics Letters, 2012, 101, 122902.	3.3	23
78	Residual stress in as-deposited Alâ€“Cuâ€“Feâ€“B quasicrystalline thin films. Journal of Materials Research, 2012, 27, 837-844.	2.6	11
79	Low-dimensional materials for thermoelectric applications. International Journal of Nanotechnology, 2012, 9, 368.	0.2	2
80	Adsorption of Carbon Dioxide on Mesoporous Zirconia: Microcalorimetric Measurements, Adsorption Isotherm Modeling, and Density Functional Theory Calculations. Journal of Physical Chemistry C, 2011, 115, 10097-10103.	3.1	43
81	Electronic properties of the Mg2Si thermoelectric material investigated by linear-response density-functional theory. Computational Materials Science, 2011, 50, 847-851.	3.0	46
82	Electronic properties of Zn1â^'xCdxSb solid solution investigated by density-functional theory. Calphad: Computer Coupling of Phase Diagrams and Thermochemistry, 2011, 35, 639-642.	1.6	0
83	Unusual electric field gradient variation in the NpPd₂Ge₂compound. Journal of Physics: Conference Series, 2011, 273, 012022.	0.4	0
84	Dielectric, magnetic, and phonon properties of nickel hydroxide. Physical Review B, 2011, 84, .	3.2	99
85	Influence of the modified Becke-Johnson exchange potential on thermoelectric properties: Application to Mg2Si. Journal of Chemical Physics, 2011, 135, 234702.	3.0	26
86	X-ray and237Np MÃ¶ssbauer effect investigation on the NpB2C compound. Journal of Physics: Conference Series, 2010, 217, 012140.	0.4	2
87	Structural investigation of the Zn1â^'xCdxSb solid solution by density-functional theory approach. Solid State Sciences, 2010, 12, 26-32.	3.2	6
88	Adsorption of paracresol in silicalite-1 and pure silica faujasite. A comparison study using molecular simulation. Applied Surface Science, 2010, 256, 5470-5474.	6.1	5
89	Effect of deposition temperature on the physical properties of RF magnetron sputtered Agâ€“Cuâ€“O films with various Cu to Ag ratios. Physica Status Solidi (A) Applications and Materials Science, 2010, 207, 1655-1659.	1.8	8
90	A new complex hexagonal phase in the Ceâ€“Auâ€“Sn system and its structure relationship with the 1/1 approximant. Journal of Alloys and Compounds, 2010, 492, 439-445.	5.5	2

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91	Adsorption into the MFI zeolite of aromatic molecule of biological relevance. Investigations by Monte Carlo simulations. Journal of Molecular Modeling, 2009, 15, 573-579.	1.8	7
92	Molecular Simulations of Water and Paracresol in MFI Zeolite - A Monte Carlo Study. Langmuir, 2009, 25, 11598-11607.	3.5	12
93	Modeling of adsorption in pores with strongly heterogeneous walls: parametric lattice-site wall model. Adsorption, 2008, 14, 201-205.	3.0	4
94	Adsorption of small uremic toxin molecules on MFI type zeolites from aqueous solution. Adsorption, 2008, 14, 377-387.	3.0	38
95	Magnetic and related properties of AnPd2Sn (, U, Np, Pu) system. Physica B: Condensed Matter, 2008, 403, 847-849.	2.7	3
96	A critical appraisal of polymerâ€“clay nanocomposites. Chemical Society Reviews, 2008, 37, 568-594.	38.1	369
97	Microscopic Mechanism of Adsorption in Cylindrical Nanopores with Heterogenous Wall Structure. Langmuir, 2008, 24, 4013-4019.	3.5	21
98	Complex metallic alloys in the Ceâ€“Auâ€“Sn system: a study of the atomic and electronic structures. Journal of Physics Condensed Matter, 2008, 20, 095218.	1.8	10
99	Magnetic and electronic properties of NpRhGe. Journal of Physics Condensed Matter, 2008, 20, 255234.	1.8	6
100	Magnetic properties of NpNiGa5. Journal of Physics Condensed Matter, 2007, 19, 246202.	1.8	6
101	Specific heat and anisotropy of the nonconventional superconductorsPuCoGa5andPuRhGa5. Physical Review B, 2007, 75, .	3.2	24
102	Magnetic and electrical properties of dhcp<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">Np</mml:mi><mml:msub><mml:mi mathvariant="normal">Pd</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"		

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109	Adsorption of the uremic toxin p-cresol onto hemodialysis membranes and microporous adsorbent zeolite silicalite. Journal of Biotechnology, 2006, 123, 164-173.	3.8	51
110	Intercalation and in situ polymerization of poly(alkylene oxide) derivatives within M+-montmorillonite (M = Li, Na, K). Journal of Materials Chemistry, 2006, 16, 1082.	6.7	45
111	Electrical resistivity and specific heat studies of NpFe4Al8. Journal of Alloys and Compounds, 2006, 416, 164-168.	5.5	5
112	Quadrupolar and Magnetic Ordering in (U,Np)Pd3. Journal of the Physical Society of Japan, 2006, 75, 20-23.	1.6	1
113	f-Electron Localized/Itinerant Crossover in ACoGa5(A = U, Np, Pu, Am). Journal of the Physical Society of Japan, 2006, 75, 30-32.	1.6	1
114	Specific heat in system. Physica B: Condensed Matter, 2006, 378-380, 1007-1008.	2.7	5
115	Recent advances in understanding the structure and reactivity of clays using electronic structure calculations. Computational and Theoretical Chemistry, 2006, 762, 33-48.	1.5	77
116	Heat capacity studies of the system. Physica B: Condensed Matter, 2006, 378-380, 981-982.	2.7	3
117	Self-Irradiation Effects on PuTGa5Superconductors. Journal of the Physical Society of Japan, 2006, 75, 47-49.	1.6	4
118	Direct observation of phase coherence in 3-kmagnetic configurations. Philosophical Magazine, 2006, 86, 2553-2565.	1.6	4
119	Uranium secondary phase formation during anoxic hydrothermal leaching processes of UO2 nuclear fuel. Journal of Nuclear Materials, 2005, 341, 209-223.	2.7	48
120	Low-temperature heat capacity measurements on encapsulated transuranium samples. Journal of Nuclear Materials, 2005, 344, 50-55.	2.7	62
121	Tuning of the PuCoGa5 superconductor by U and Np substitution. Physica B: Condensed Matter, 2005, 359-361, 1075-1077.	2.7	4
122	Pressure effect on systems (, Rh, Ir). Physica B: Condensed Matter, 2005, 359-361, 1093-1095.	2.7	17
123	Quenching of PuCoGa5 superconducting parameters by Fe/Co and Ni/Co substitution. Physica B: Condensed Matter, 2005, 359-361, 1081-1083.	2.7	2
124	Crystal structure and physical properties of NpPdSn. Physica B: Condensed Matter, 2005, 359-361, 1102-1104.	2.7	7
125	Magnetic susceptibility of DHCP. Physica B: Condensed Matter, 2005, 359-361, 1156-1158.	2.7	4
126	Specific heat in AnTX compounds. Physica B: Condensed Matter, 2005, 359-361, 1018-1020.	2.7	6

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127	The high temperature behavior of barium zirconium diorthophosphate. Thermochimica Acta, 2005, 436, 51-55.	2.7	20
128	Magnetization and Specific Heat Study of PuGa2.. ChemInform, 2005, 36, no.	0.0	0
129	Influence of self-irradiation damages on the superconducting behaviour of Pu-based compounds. Physica B: Condensed Matter, 2005, 359-361, 1078-1080.	2.7	19
130	Morphology and elastic modulus of novel poly[oligo(ethylene glycol) diacrylate]-montmorillonite nanocomposites. Journal of Polymer Science, Part B: Polymer Physics, 2005, 43, 1785-1793.	2.1	9
131	Magnetic properties of stoichiometric NpFe4Al8. Journal of Physics Condensed Matter, 2005, 17, 909-922.	1.8	4
132	Magnetic properties of the two allotropic phases ofPuGa3. Physical Review B, 2005, 72, .	3.2	21
133	Magnetic structure and metamagnetism in single crystals ofNpCoGa5. Physical Review B, 2005, 72, .	3.2	52
134	Multiplet structure in Pu-based compounds: A photoemission case study ofPuSix(0.5â©½xâ©½2)films. Physical Review B, 2005, 71, .	3.2	21
135	Tuning of the electronic properties inPuCoGa5by actinide (U, Np) and transition-metal (Fe, Rh, Ni) substitutions. Physical Review B, 2005, 72, .	3.2	29
136	Interlayer Structure and Bonding in Nonswelling Primary Amine Intercalated Clays. Macromolecules, 2005, 38, 6189-6200.	4.8	73
137	Antiferromagnetic order in NpRhGa5. Journal of Alloys and Compounds, 2005, 386, 57-62.	5.5	42
138	Magnetisation and specific heat study of PuGa2. Journal of Alloys and Compounds, 2005, 394, 93-95.	5.5	6
139	High-pressure structural parameters of the superconductorsCeMIn5andPuMGa5(M=Co,Rh). Physical Review B, 2005, 72, .	3.2	16
140	Structural Tuning of Unconventional Superconductivity inPuMGa5(M=Co,Rh). Physical Review Letters, 2004, 93, 147005.	7.8	114
141	Magnetic properties of diluted band ferromagnet URhAl. Physical Review B, 2004, 69, .	3.2	12
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144	High-energy magnetic excitations in UCoAl. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E333-E334.	2.3	2

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146	Simulation of hydrated Li+-, Na+- and K+-montmorillonite/polymer nanocomposites using large-scale molecular dynamics. Chemical Physics Letters, 2004, 389, 261-267.	2.6	45
147	Magnetic and electronic properties of the antiferromagnetNpCoGa5. Physical Review B, 2004, 69, .	3.2	95
148	Structural Chemistry of the Neptuniumâ€"Silicon Binary System.. ChemInform, 2003, 34, no.	0.0	0
149	Understanding the Formation of New Clusters of Alkali and Alkaline Earth Metals:Â A New Synthetic Approach, Single-Crystal Structures, and Theoretical Calculations. Journal of the American Chemical Society, 2003, 125, 3593-3604.	13.7	35
150	Structural chemistry of the neptuniumâ€"silicon binary system. Journal of Alloys and Compounds, 2003, 349, 172-179.	5.5	8
151	Combined experimental and theoretical investigations of clayâ€"polymer nanocomposites: intercalation of single bifunctional organic compounds in Na+-montmorillonite and Na+-hectorite clays for the design of new materials. Journal of Materials Chemistry, 2003, 13, 2540-2550.	6.7	55
152	The binary system Puâ€"Si: crystallochemistry and magnetic properties. Journal of Physics Condensed Matter, 2003, 15, S2305-S2308.	1.8	15
153	UPd3under high pressure:â€ƒLattice properties. Physical Review B, 2003, 67, .	3.2	13
154	Discovery of plutonium-based superconductivity. Journal of Physics Condensed Matter, 2003, 15, S2275-S2278.	1.8	8
155	Advances in the preparation and characterization of transuranium systems. Journal of Physics Condensed Matter, 2003, 15, S2279-S2285.	1.8	149
156	Plutonium-Based Superconductivity: The Audacity of the 5f Electrons?. AIP Conference Proceedings, 2003, , .	0.4	1
157	Magnetic susceptibility and spin-lattice interactions inU1â^'xPuxO2single crystals. Physical Review B, 2002, 66, .	3.2	9
158	Magnetotransport of compounds in the Uâ€"Ge system. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 2002, 82, 805-824.	0.6	17
159	Oxidation of Methanol to Formaldehyde Catalyzed by V2O5. A Density Functional Theory Study. Journal of Physical Chemistry B, 2002, 106, 9659-9667.	2.6	23
160	Synthesis and electronic properties of Thâ€"N films. Journal of Alloys and Compounds, 2002, 336, 73-76.	5.5	19
161	Magnetic properties of the new NpGe2â^' (ThSi2 type) binary compound. Journal of Alloys and Compounds, 2002, 337, 44-47.	5.5	3
162	Plutonium-based superconductivity with a transition temperature above 18â€‰K. Nature, 2002, 420, 297-299.	27.8	483

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163	Magnetotransport of compounds in the U-Ge system. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 2002, 82, 805-824.	0.6	1
164	Structural chemistry, magnetism and electrical properties of binary Nd silicides. Journal of Alloys and Compounds, 2001, 315, 75-81.	5.5	27
165	Phase equilibria and magnetic studies in the ternary system Ceâ€“Auâ€“Sn. Journal of Alloys and Compounds, 2001, 317-318, 350-356.	5.5	22
166	Neutron diffraction studies of the binary uranium stannides USn2 and U3Sn7. Journal of Alloys and Compounds, 2001, 329, 47-49.	5.5	5
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169	Photochemistry of the CpNiNO Complex. A Theoretical Study Using Density Functional Theory. Inorganic Chemistry, 2001, 40, 7032-7039.	4.0	21
170	Absorption Spectra of Several Metal Complexes Revisited by the Time-Dependent Density-Functional Theory-Response Theory Formalism. Journal of Physical Chemistry A, 2001, 105, 885-894.	2.5	96
171	Structural Chemistry of the Neptuniumâ€“Germanium Binary System. Journal of Solid State Chemistry, 2001, 156, 313-320.	2.9	6
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