

# Dominik Schaniel

## List of Publications by Year in Descending Order

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

107  
papers

1,937  
citations

26  
h-index

37  
g-index

119  
ext. papers

2,180  
ext. citations

3.7  
avg, IF

4.64  
L-index

#	Paper	IF	Citations
107	Ruthenium-nitrosyl complexes as NO-releasing molecules, potential anticancer drugs, and photoswitches based on linkage isomerism.. <i>Dalton Transactions</i> , <b>2022</b> ,	4.3	6
106	Solution and solid-state light-induced transformations in heterometallic vanadium-ruthenium nitrosyl complex. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2021</b> , 407, 113044	4.7	4
105	Nitrosyl linkage photoisomerization in heteroleptic fluoride ruthenium complexes derived from labile nitrate precursors. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 8192-8202	3.6	1
104	Photoinduced linkage isomers in a model ruthenium nitrosyl complex: Identification and assignment of vibrational modes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2021</b> , 263, 120217	4.4	3
103	An experimental XAS and ab initio approach to describe the electronic and local structure of sodium nitroprussiate single crystals. <i>Journal of Molecular Structure</i> , <b>2021</b> , 1245, 131119	3.4	0
102	The Ruthenium Nitrosyl Moiety in Clusters: Trinuclear Linear $\eta$ -Hydroxido Magnesium(II)-Diruthenium(II), $\eta$ -Oxido Trinuclear Diiron(III)-Ruthenium(II), and Tetranuclear $\eta$ -Oxido Trigallium(III)-Ruthenium(II) Complexes.. <i>Inorganic Chemistry</i> , <b>2021</b> ,	5.1	1
101	Synthesis, structural investigation and NLO properties of three 1,2,4-triazole Schiff bases. <i>Journal of Molecular Structure</i> , <b>2020</b> , 1219, 128492	3.4	7
100	Photocrystallographic and spectroscopic studies of a model (N,N,O)-donor square-planar nickel(II) nitro complex: in search of high-conversion and stable photoswitchable materials. <i>IUCrJ</i> , <b>2020</b> , 7, 1188-1198	4.7	4
99	Novel Photoactive Spirooxazine Based Switch@MOF Composite Materials. <i>ChemPhotoChem</i> , <b>2020</b> , 4, 195-206	3.3	17
98	Tracking the light-induced isomerization processes and the photostability of spiropyrans embedded in the pores of crystalline nanoporous MOFs IR spectroscopy. <i>Photochemical and Photobiological Sciences</i> , <b>2020</b> , 19, 1433-1441	4.2	7
97	X-ray scattering study of water confined in bioactive glasses: experimental and simulated pair distribution function. <i>Acta Crystallographica Section A: Foundations and Advances</i> , <b>2020</b> , 76, 589-599	1.7	2
96	The impact of counterion on the metastable state properties of nitrosyl ruthenium complexes. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 18014-18024	3.6	6
95	Non-covalent Immobilization of Iron-triazole (Fe(Htrz) <sub>3</sub> ) Molecular Mediator in Mesoporous Silica Films for the Electrochemical Detection of Hydrogen Peroxide. <i>Electroanalysis</i> , <b>2020</b> , 32, 690-697	3	6
94	Evidence for a photoinduced isonitrosyl isomer in ruthenium dinitrosyl compounds. <i>CrystEngComm</i> , <b>2019</b> , 21, 5804-5810	3.3	6
93	Room-Temperature Photogeneration of Nitrosyl Linkage Isomers in Ruthenium Nitrosyl Complexes. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 7569-7574	4.8	18
92	Coordination Polymers as Template for Mesoporous Silica Films: A Novel Composite Material Fe(Htrz) <sub>3</sub> @SiO <sub>2</sub> with Remarkable Electrochemical Properties. <i>Chemistry of Materials</i> , <b>2019</b> , 31, 5796-5807	9.6	14
91	Combining photoinduced linkage isomerism and nonlinear optical properties in ruthenium nitrosyl complexes. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , <b>2019</b> , 75, 1152-1163	1.8	16

90	Metal-Organic Frameworks as Hosts for Fluorinated Azobenzenes: A Path towards Quantitative Photoswitching with Visible Light. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 3606-3616	4.8	27
89	{FeNO} -Type Halogenido Nitrosyl Ferrates: Syntheses, Bonding, and Photoinduced Linkage Isomerism. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 1304-1325	4.8	21
88	Nonlinear optical organic-inorganic crystals: synthesis, structural analysis and verification of harmonic generation in tri-(o-chloroanilinium nitrate). <i>Acta Crystallographica Section A: Foundations and Advances</i> , <b>2019</b> , 75, 107-114	1.7	4
87	NO Releasing and Anticancer Properties of Octahedral Ruthenium-Nitrosyl Complexes with Equatorial 1 H-Indazole Ligands. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 10702-10717	5.1	22
86	Wavelength-selective photoisomerisation of nitric oxide and nitrite in a rhodium complex. <i>CrystEngComm</i> , <b>2018</b> , 20, 7100-7108	3.3	11
85	Bridging Structural and Dynamical Models of a Confined Sodium Nitroprusside Complex. <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 21883-21890	3.8	5
84	Solution-Like Behavior of Photoswitchable Spiropyrans Embedded in Metal-Organic Frameworks. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 13100-13110	5.1	52
83	In-house time-resolved photocrystallography on the millisecond timescale using a gated X-ray hybrid pixel area detector. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , <b>2017</b> , 73, 696-707	1.8	9
82	Characterization of multifunctional [NaEuF <sub>4</sub> /NaGdF <sub>4</sub> ] core-shell nanoparticles with narrow size distribution. <i>Nanoscale</i> , <b>2016</b> , 8, 2832-43	7.7	12
81	Structural analysis and IR-spectroscopy of a new anilinium hydrogenselenite hybrid compound: A subtle structural phase transition. <i>Inorganica Chimica Acta</i> , <b>2016</b> , 446, 6-12	2.7	10
80	Comparison of CCD, CMOS and Hybrid Pixel x-ray detectors: detection principle and data quality. <i>Physica Scripta</i> , <b>2016</b> , 91, 063001	2.6	33
79	Photo-induced linkage NO isomers in the dinitrosyl complex [Ru(NO) <sub>2</sub> (PCy <sub>3</sub> ) <sub>2</sub> Cl](BF <sub>4</sub> ) identified by photocrystallography and IR-spectroscopy. <i>CrystEngComm</i> , <b>2016</b> , 18, 7260-7268	3.3	6
78	Reaction of [RuNO(NO <sub>2</sub> ) <sub>4</sub> OH] <sub>2</sub> with Sulfamic Acid as a Pathway to Mixed Nitro Pyridine Ruthenium Nitrosyl Complexes. <i>European Journal of Inorganic Chemistry</i> , <b>2016</b> , 2016, 4045-4053	2.3	19
77	The first photochromic bimetallic assemblies based on Mn(III) and Mn(II) Schiff-base (salpn, dapsc) complexes and pentacyanonitrosylferrate. <i>CrystEngComm</i> , <b>2015</b> , 17, 3866-3876	3.3	13
76	Multiple light-induced NO linkage isomers in the dinitrosyl complex [RuCl(NO) <sub>2</sub> (PPh <sub>3</sub> ) <sub>2</sub> ]BF <sub>4</sub> unravelled by photocrystallographic and IR analysis. <i>IUCrJ</i> , <b>2015</b> , 2, 35-44	4.7	16
75	Photocrystallographic, Spectroscopic, and Calorimetric Analysis of Light-Induced Linkage NO Isomers in [RuNO(NO <sub>2</sub> ) <sub>2</sub> (pyridine) <sub>2</sub> OH]. <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 4905-4913	3.3	36
74	Photocrystallography and IR spectroscopy of light-induced linkage NO isomers in [RuBr(NO) <sub>2</sub> (PCyp <sub>3</sub> ) <sub>2</sub> ]BF <sub>4</sub> . <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , <b>2015</b> , 71, 788-97	1.8	5
73	Structure determination of molecular nanocomposites by combining pair distribution function analysis and solid-state NMR. <i>RSC Advances</i> , <b>2015</b> , 5, 8895-8902	3.7	8

72	XPAD X-ray hybrid pixel detector for charge density quality diffracted intensities on laboratory equipment. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , <b>2014</b> , 70, 783-91	1.8	8
71	NO-binding in {Ru(NO)} <sub>n</sub> -type [Ru(NO)(PR) <sub>3</sub> ]BF <sub>4</sub> compounds. <i>Dalton Transactions</i> , <b>2014</b> , 43, 13278-92	4.3	16
70	Room temperature bistability with wide thermal hysteresis in a spin crossover silica nanocomposite. <i>Journal of Materials Chemistry C</i> , <b>2013</b> , 1, 1933	7.1	73
69	Structure and dynamics of guest molecules confined in a mesoporous silica matrix: Complementary NMR and PDF characterisation. <i>RSC Advances</i> , <b>2013</b> , 3, 26132	3.7	11
68	Metal-organic frameworks as hosts for photochromic guest molecules. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 2744-9	5.1	77
67	Monitoring of the ultrafast vibrational kinetic during formation of photo-induced linkage isomers in Na <sub>2</sub> [Fe(CN) <sub>5</sub> NO]·2H <sub>2</sub> O single crystal.. <i>EPJ Web of Conferences</i> , <b>2013</b> , 41, 05005	0.3	
66	Structural reinvestigation of the photoluminescent complex [NdCl <sub>2</sub> (H <sub>2</sub> O) <sub>6</sub> ]Cl. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2013</b> , 69, 1002-5		3
65	Properties of metastable linkage NO isomers in Na <sub>2</sub> [Fe(CN) <sub>5</sub> NO]·2H <sub>2</sub> O incorporated in mesopores of silica xerogels. <i>Physical Chemistry Chemical Physics</i> , <b>2012</b> , 14, 3775-81	3.6	16
64	Structural influence on the photochromic response of a series of ruthenium mononitrosyl complexes. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 7492-501	5.1	68
63	Unraveling the mechanism of NO ligand photoisomerism by time-resolved infrared spectroscopy. <i>Chemical Physics Letters</i> , <b>2012</b> , 552, 64-68	2.5	15
62	Improvement in photostability of solid state dye by oxygen removal. <i>Optical Materials Express</i> , <b>2012</b> , 2, 71	2.6	2
61	Effect of synthesis conditions on porous structure, luminescence and absorption properties of dye-loaded silica xerogels. <i>Microporous and Mesoporous Materials</i> , <b>2011</b> , 142, 245-250	5.3	4
60	Ultrafast reversible ligand isomerisation in Na <sub>2</sub> [Fe(CN) <sub>5</sub> NO] x 2 H <sub>2</sub> O single crystals. <i>Physical Chemistry Chemical Physics</i> , <b>2010</b> , 12, 9029-33	3.6	31
59	Pulse recording of thermal and linkage isomer gratings in nitrosyl compounds. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2010</b> , 27, 927	1.7	22
58	Reversible photoswitching between nitrito-N and nitrito-O isomers in trans-[Ru(py) <sub>4</sub> (NO <sub>2</sub> ) <sub>2</sub> ]. <i>Physical Chemistry Chemical Physics</i> , <b>2010</b> , 12, 6171-8	3.6	27
57	Phototriggered NO and CN release from [Fe(CN) <sub>5</sub> NO] <sup>2-</sup> molecules electrostatically attached to TiO <sub>2</sub> surfaces. <i>Physical Chemistry Chemical Physics</i> , <b>2010</b> , 12, 3283-8	3.6	11
56	On the photophysical properties of new luminol derivatives and their synthetic phthalimide precursors. <i>Journal of Fluorescence</i> , <b>2010</b> , 20, 657-64	2.4	10
55	Bifunctional supramolecular systems on the platform of p-sulfonatocalix[4]arene containing photochromic mononitrosyl Ru (II) and paramagnetic aqua Gd or Dy complexes. <i>Physica B: Condensed Matter</i> , <b>2010</b> , 405, S30-S33	2.8	6

54	Oxidation states and photoinduced metastable states in $[\text{Fe}(\text{CO})_2(\text{NO})_2]$ . <i>Polyhedron</i> , <b>2010</b> , 29, 2553-2559	16
53	Second-harmonic generation in nano-structured - and -xerogels with randomly oriented ferroelectric grains. <i>Optical Materials</i> , <b>2010</b> , 32, 504-509	3.3 7
52	Identification of single photoswitchable molecules in nanopores of silica xerogels using powder diffraction. <i>Journal of Applied Crystallography</i> , <b>2010</b> , 43, 1040-1045	3.8 6
51	Light-induced absorption in lead lanthanum zirconate titanate ceramics. <i>Journal of Applied Physics</i> , <b>2009</b> , 105, 024103	2.5 5
50	Photoisomerisation in single molecules of nitroprusside embedded in mesopores of xerogels. <i>Journal of Sol-Gel Science and Technology</i> , <b>2009</b> , 50, 403-408	2.3 20
49	$[\text{Ru}(\text{py})_4\text{Cl}(\text{NO})](\text{PF}_6)_2 \cdot 0.5\text{H}_2\text{O}$ : a model system for structural determination and ab initio calculations of photo-induced linkage NO isomers. <i>Acta Crystallographica Section B: Structural Science</i> , <b>2009</b> , 65, 612-23	58
48	$[\text{Ru}(\text{py})_4\text{Cl}(\text{NO})](\text{PF}_6)_2 \cdot 0.5\text{H}_2\text{O}$ : a model system for structural determination and ab initio calculations of photo-induced linkage NO isomers. Erratum. <i>Acta Crystallographica Section B: Structural Science</i> , <b>2009</b> , 65, 787-787	6
47	The photochromic paramagnet derived from polyoxometalate $[\text{Cr}(\text{OH})_6\text{Mo}_6\text{O}_{18}]_3$ and ruthenium mononitrosyl complex $[\text{RuNO}(\text{en})_2\text{Cl}]_2^+$ . <i>Inorganica Chimica Acta</i> , <b>2009</b> , 362, 2279-2282	2.7 10
46	Photoinduced linkage isomerism of binuclear bis(pyrazole-3,5-dicarboxylato)-bridged $\{\text{RuNO}\}_6$ centres. <i>Inorganic Chemistry Communication</i> , <b>2009</b> , 12, 1064-1066	3.1 10
45	Photogeneration of nitrosyl linkage isomers in octahedrally coordinated platinum complexes in the red spectral range. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 11399-406	5.1 20
44	Nitric-oxide photorelease and photoinduced linkage isomerism on solid $[\text{Ru}(\text{NO})(\text{terpy})(\text{L})]\text{BPh}_4$ (L = glycolate dianion). <i>Dalton Transactions</i> , <b>2009</b> , 9113-6	4.3 26
43	Photoinduced linkage isomerism of $\{\text{RuNO}\}_6$ complexes with bioligands and related chelators. <i>Dalton Transactions</i> , <b>2009</b> , 1034-45	4.3 20
42	Necessary conditions for the photogeneration of nitrosyl linkage isomers. <i>Physical Chemistry Chemical Physics</i> , <b>2009</b> , 11, 4391-5	3.6 56
41	Variable refractive indices in mixed oxide xerogels. <i>Scripta Materialia</i> , <b>2008</b> , 58, 553-555	5.6 8
40	Photogeneration of metastable side-on $\text{N}_2$ linkage isomers in $[\text{Ru}(\text{NH}_3)_5\text{N}_2]\text{Cl}_2$ , $[\text{Ru}(\text{NH}_3)_5\text{N}_2]\text{Br}_2$ and $[\text{Os}(\text{NH}_3)_5\text{N}_2]\text{Cl}_2$ . <i>Physical Chemistry Chemical Physics</i> , <b>2008</b> , 10, 5531-8	3.6 20
39	Neutron photocrystallography: simulation and experiment. <i>Zeitschrift Für Kristallographie</i> , <b>2008</b> , 223,	7
38	Preface: Photocrystallography. <i>Zeitschrift Für Kristallographie</i> , <b>2008</b> , 223,	6
37	Reducing the positional modulation of $\text{NbO}_6$ -octahedra in $\text{Sr}_x\text{Ba}_{1-x}\text{Nb}_2\text{O}_6$ by increasing the barium content: A single crystal neutron diffraction study at ambient temperature for $x = 0.61$ and $x = 0.34$ . <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , <b>2008</b> , 223, 399-426	1 18

36	Synthesis, structure, and properties of the $[\text{RuNO}(\text{NH}_3)_5][\text{Co}(\text{CN})_6]$ complex containing a photochromic cation. <i>Russian Chemical Bulletin</i> , <b>2008</b> , 57, 557-560	1.7	1
35	Observation of gelation process and particle distribution during sol-gel synthesis by particle image velocimetry. <i>Journal of Sol-Gel Science and Technology</i> , <b>2008</b> , 45, 73-77	2.3	1
34	Metal Organic Framework Compounds (MOFs) as Host Materials for Optically Switchable Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2008</b> , 634, 2018-2018	1.3	3
33	Generation of one light-induced metastable nitrosyl linkage isomer in $[\text{Pt}(\text{NH}_3)_4\text{Cl}(\text{NO})]\text{Cl}_2$ in the red spectral range. <i>Physical Chemistry Chemical Physics</i> , <b>2007</b> , 9, 5149-57	3.6	32
32	Photogeneration of two metastable NO linkage isomers with high populations of up to 76% in $\text{trans-}[\text{RuCl}(\text{py})_4(\text{NO})][\text{PF}_6]_2 \cdot 1/2\text{H}_2\text{O}$ . <i>Physical Chemistry Chemical Physics</i> , <b>2007</b> , 9, 3717-24	3.6	72
31	Photoinduced Nitrosyl Linkage Isomers Uncover a Variety of Unconventional Photorefractive Media. <i>Advanced Materials</i> , <b>2007</b> , 19, 723-726	24	78
30	Photoinduced nitrosyl linkage isomers in complexes based on the photochromic cation $[\text{RuNO}(\text{NH}_3)_5]^{3+}$ with the paramagnetic anion $[\text{Cr}(\text{CN})_6]^{3-}$ and the diamagnetic anions $[\text{Co}(\text{CN})_6]^{3-}$ and $[\text{ZrF}_6]^{2-}$ . <i>Chemical Physics</i> , <b>2007</b> , 340, 211-216	2.3	38
29	Tuning ability of photosensitive ML5NO-molecules <b>2007</b> , SuC5		
28	Bifunctional Materials Based on the Photochromic Cation $[\text{RuNO}(\text{NH}_3)_5]^{3+}$ with Paramagnetic Metal Complex Anions. <i>European Journal of Inorganic Chemistry</i> , <b>2006</b> , 2006, 4074-4085	2.3	29
27	Neutron diffraction shows a photoinduced isonitrosyl linkage isomer in the metastable state SI of $\text{Na}_2[\text{Fe}(\text{CN})_5\text{NO}] \cdot 2\text{D}_2\text{O}$ . <i>Physical Review B</i> , <b>2006</b> , 73,	3.3	26
26	Holographic light scattering in centrosymmetric sodium nitroprusside upon generation of light-induced metastable states. <i>Physical Review B</i> , <b>2006</b> , 73,	3.3	11
25	Structural properties of $\text{Sr}_{0.61}\text{Ba}_{0.39}\text{Nb}_2\text{O}_6$ in the temperature range 10-300K investigated by high-resolution neutron powder diffraction and specific heat measurements. <i>Physical Review B</i> , <b>2006</b> , 74,	3.3	19
24	Second-Harmonic Generation by Ferroelectric Microparticles in Aerogels. <i>Chemistry of Materials</i> , <b>2006</b> , 18, 1534-1538	9.6	9
23	Modulated structure of potassium sodium strontium barium niobates (KNSBN): harmonic solution. <i>Acta Crystallographica Section B: Structural Science</i> , <b>2006</b> , 62, 228-35		9
22	Photochromic Molecular Material Based on Anderson-Evans Polyoxometalate $(\text{Cr}(\text{OH})_6\text{Mo}_6\text{O}_{18})^{3-}$ and Ruthenium Mononitrosyl Complexes	3	24
21	Long-lived light-induced metastable states in $\text{trans-}[\text{Ru}(\text{NH}_3)_4(\text{H}_2\text{O})\text{NO}]\text{Cl}_3 \cdot \text{H}_2\text{O}$ and related compounds. <i>Physical Chemistry Chemical Physics</i> , <b>2005</b> , 7, 1164-70	3.6	60
20	Evidence of four light-induced metastable states in iron-nitrosyl complexes. <i>Thermochimica Acta</i> , <b>2005</b> , 429, 19-23	2.9	18
19	Long-Lived Light-Induced Metastable States in $\text{trans-}[\text{Ru}(\text{NH}_3)_4(\text{H}_2\text{O})\text{NO}]\text{Cl}_3 \cdot 2\text{H}_2\text{O}$ and Related Compounds.. <i>ChemInform</i> , <b>2005</b> , 36, no		1



18	Comment on "Theoretical study of the photoinduced transfer among the ground state and two metastable states in [Fe(CN)5NO]2-" [J. Chem. Phys. 122, 074314 (2005)]. <i>Journal of Chemical Physics</i> , <b>2005</b> , 123, 047101; author reply 047102	3.9	3
17	Evidence for light-induced hole polarons in LiNbO3. <i>Physical Review Letters</i> , <b>2005</b> , 95, 067404	7.4	56
16	Polarons generated by laser pulses in doped LiNbO3. <i>Physical Review B</i> , <b>2005</b> , 71,	3.3	38
15	Structure of the light-induced metastable state SII in Na2[Fe(CN)5NO]2H2O. <i>Physical Review B</i> , <b>2005</b> , 71,	3.3	36
14	Transient kinetics of light-induced metastable states in single crystals and aqueous solutions of Na2[Fe(CN)5NO]2H2O. <i>Physical Review B</i> , <b>2005</b> , 72,	3.3	25
13	Valence-sensitive determination of Cr3+ and Ce3+ concentration in doped Sr0.61Ba0.39Nb2O6 from magnetization studies and paramagnetic relaxation of Ce3+. <i>Physical Review B</i> , <b>2004</b> , 70,	3.3	1
12	Photocrystallography at TriCS/SINQ: light-induced structural changes in Na2[Fe(CN)5NO]2H2O. <i>Physica B: Condensed Matter</i> , <b>2004</b> , 350, 87-90	2.8	4
11	Evidence for two light-induced metastable states in Cl3[Ru(NH3)5NO]H2O. <i>Chemical Physics Letters</i> , <b>2004</b> , 390, 347-351	2.5	36
10	Light-induced metastable states in oxalatenitrosylruthenium(II) and terpyridinenitrosylruthenium(II) complexes. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 3500-6	5.1	26
9	Structure analysis and the existence of light-induced long-lived metastable states in Xn[Fe(CN)5NO] with inorganic and organic cations: Xn = Pb, (H3O+CH6N+), (C2N2H7)2 and (C16H36N)2. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , <b>2004</b> , 219,	1	5
8	Light-induced structural changes by excitation of metastable states in Na2[Fe(CN)5NO]2H2O single crystals. <i>Physical Review B</i> , <b>2003</b> , 68,	3.3	20
7	Superspace approach applied to a neutron-diffraction study of the holographic data storage material Sr0.61Ba0.39Nb2O6. <i>Applied Physics A: Materials Science and Processing</i> , <b>2002</b> , 74, s963-s965	2.6	8
6	Sub-nanosecond multi-channel time-to-digital converter for the 2-D position-sensitive neutron detectors at TriCS and AMOR. <i>Applied Physics A: Materials Science and Processing</i> , <b>2002</b> , 74, s82-s85	2.6	2
5	Light-induced absorption changes by excitation of metastable states in Na2[Fe(CN)5NO]2H2O single crystals. <i>Physical Review B</i> , <b>2002</b> , 66,	3.3	40
4	Light-induced extinction originating from holographic scattering. <i>Optics Letters</i> , <b>2002</b> , 27, 2185-7	3	12
3	Magnetic relaxation behavior in La0.5Ca0.5MnO3 and Nd0.5Sr0.5MnO3. <i>Physical Review B</i> , <b>2001</b> , 63,	3.3	44
2	Dimer splitting of Er3+ in Cs3Er2Br9. <i>Journal of Alloys and Compounds</i> , <b>2001</b> , 323-324, 481-485	5.7	1
1	Dimer splitting of Er3+ in Cs3Er2X9 (X=Cl,Br): mystery solved. <i>Physica B: Condensed Matter</i> , <b>2000</b> , 276-278, 690-691	2.8	

