Ryo Kitaura

List of Publications by Year
in descending order

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140 papers	22,346 citations	50170 46 h-index	8599 146 g-index
158 all docs	158 docs citations	158 times ranked	16910 citing authors

#	Article	IF	Citations
1	Interlayer Interactions in 1D Van der Waals MoirÃ© Superlattices. Advanced Science, 2022, 9, e2103460.	5.6	11
2	Enhanced Excitonâ€“Exciton Collisions in an Ultraflat Monolayer MoSe₂ Prepared through Deterministic Flattening. ACS Nano, 2021, 15, 1370-1377.	7.3	9
3	An ion-selective crown ether covalently grafted onto chemically exfoliated MoS₂ as a biological fluid sensor. Nanoscale, 2021, 13, 8948-8957.	2.8	14
4	Unveiling the Photoinduced Electronâ€Donating Character of MoS 2 in Covalently Linked Hybrids Featuring Perylenediimide. Angewandte Chemie, 2021, 133, 9202-9208.	1.6	1
5	Unveiling the Photoinduced Electronâ€Donating Character of MoS₂ in Covalently Linked Hybrids Featuring Perylenediimide. Angewandte Chemie - International Edition, 2021, 60, 9120-9126.	7.2	16
6	Femtosecond photoluminescence from monolayer <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>MoS</mml:mi><mml:mn>2</mml:mn></mml:msub></mm : Time-domain study on exciton diffusion. Physical Review B, 2021, 103, .	1.1	6
7	Versatile Post-Doping toward Two-Dimensional Semiconductors. ACS Nano, 2021, 15, 19225-19232.	7.3	14
8	Direct Observation of Molecular Orbitals Using Synchrotron X-ray Diffraction. Crystals, 2020, 10, 998.	1.0	8
9	Stabilization of metallic phases through formation of metallic/semiconducting lateral heterostructures. Journal of Chemical Physics, 2020, 153, 084702.	1.2	7
10	Exciton diffusion in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>h</mml:mi><mml:mi>BN</mml:mi></mml:mrow></mml:r -encapsulated monolayer <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Mo</mml:mi><mml:msub><mml:mi>Se</mml:mi><mml:r Physical Review B, 2020, 102, .	1.1	12
11	Microscopic Mechanism of Van der Waals Heteroepitaxy in the Formation of MoS2/hBN Vertical Heterostructures. ACS Omega, 2020, 5, 31692-31699.	1.6	5
12	Dark-state impact on the exciton recombination of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>WS</mml:mi></mml:mrow><mml:mn>2</m monolayers as revealed by multi-timescale pump-probe spectroscopy. Physical Review B, 2020, 102, .	1.1	7
13	Low frequency Raman study of interlayer couplings in WS₂â€“MoS₂ van der Waals heterostructures. Japanese Journal of Applied Physics, 2020, 59, 062004.	0.8	6
14	Observation of Drastic Electronic-Structure Change in a One-Dimensional MoirÃ© Superlattice. Physical Review Letters, 2020, 124, 106101.	2.9	23
15	Momentum-forbidden dark excitons in hBN-encapsulated monolayer MoS2. Npj 2D Materials and Applications, 2019, 3, .	3.9	25
16	Salt-assisted pyrolysis of covalent organic frameworks to porous heteroatom-doped carbons for supercapacitive energy storage. Journal of Materials Chemistry A, 2019, 7, 26829-26837.	5.2	33
17	Exciton Diffusion in hBN-encapsulated Monolayer MoSe2. , 2019, , .		0
18	The Atomic and Electronic Structure of 0Â° and 60Â° Grain Boundaries in MoS2. Frontiers in Physics, 2019, 7, .	1.0	10

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19	Two Dimensional Film Printing by Blister-Based Laser-Induced Forward-Transfer. , 2019, , .		0
20	Molecular-beam-epitaxy Growth of Two-dimensional Layered Materials. Vacuum and Surface Science, 2019, 62, 605-610.	0.0	0
21	Direct and Indirect Interlayer Excitons in a van der Waals Heterostructure of hBN/WS₂/MoS₂/hBN. ACS Nano, 2018, 12, 2498-2505.	7.3	96
22	Extended-conjugation Ï€-electron systems in carbon nanotubes. Scientific Reports, 2018, 8, 8098.	1.6	20
23	Systematic Study of Photoluminescence Enhancement in Monolayer Molybdenum Disulfide by Acid Treatment. Langmuir, 2018, 34, 10243-10249.	1.6	29
24	Effect of a pick-and-drop process on optical properties of a CVD-grown monolayer tungsten disulfide. Physical Review Materials, 2018, 2, .	0.9	4
25	Observation of biexcitonic emission at extremely low power density in tungsten disulfide atomic layers grown on hexagonal boron nitride. Scientific Reports, 2017, 7, 322.	1.6	32
26	Orientation-controlled growth of hexagonal boron nitride monolayers templated from graphene edges. Applied Physics Express, 2017, 10, 055102.	1.1	17
27	Femtosecond Laser Filamentation in Gaseous Ethylene: Formation of Hydrogenated Amorphous Carbon. Chemistry Letters, 2017, 46, 1426-1429.	0.7	8
28	Suppression of exciton-exciton annihilation in tungsten disulfide monolayers encapsulated by hexagonal boron nitrides. Physical Review B, 2017, 95, .	1.1	92
29	Modulation of the Local Density of States of Carbon Nanotubes by Encapsulation of Europium Nanowires As Observed by Scanning Tunneling Microscopy and Spectroscopy. Journal of Physical Chemistry C, 2017, 121, 18195-18201.	1.5	2
30	Molecular beam epitaxy growth of monolayer niobium diselenide flakes. Applied Physics Letters, 2016, 109, .	1.5	30
31	Efficient preparation of graphene liquid cell utilizing direct transfer with large-area well-stitched graphene. Chemical Physics Letters, 2016, 650, 107-112.	1.2	32
32	Isolation and Structure Determination of a Missing Endohedral Fullerene La@C₇₀ through Inâ€…Situ Trifluoromethylation. Angewandte Chemie - International Edition, 2016, 55, 199-202.	7.2	31
33	Two-dimensional metallic NbS ₂ : growth, optical identification and transport properties. 2D Materials, 2016, 3, 025027.	2.0	86
34	Construction of Covalent Organic Nanotubes by Light-Induced Cross-Linking of Diacetylene-Based Helical Polymers. Journal of the American Chemical Society, 2016, 138, 11001-11008.	6.6	67
35	Simple fabrication of air-stable black phosphorus heterostructures with large-area hBN sheets grown by chemical vapor deposition method. 2D Materials, 2016, 3, 035010.	2.0	57
36	Origin of residual particles on transferred graphene grown by CVD. Japanese Journal of Applied Physics, 2016, 55, 080305.	0.8	10

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37	Single atom spectroscopy: Decreased scattering delocalization at high energy losses, effects of atomic movement and X-ray fluorescence yield. Ultramicroscopy, 2016, 160, 239-246.	0.8	12
38	Fabrication and In Situ Transmission Electron Microscope Characterization of Free-Standing Graphene Nanoribbon Devices. ACS Nano, 2016, 10, 1475-1480.	7.3	31
39	20-kV Diffractive Imaging of Graphene by using an SEM-based Dedicated Microscope. Microscopy and Microanalysis, 2015, 21, 35-36.	0.2	0
40	Template Synthesis of Linearâ€Chain Nanodiamonds Inside Carbon Nanotubes from Bridgeheadâ€Halogenated Diamantane Precursors. Angewandte Chemie - International Edition, 2015, 54, 10802-10806.	7.2	44
41	Chemical Vapor Deposition Growth of Graphene and Related Materials. Journal of the Physical Society of Japan, 2015, 84, 121013.	0.7	24
42	Core-Level Spectroscopy to Probe the Oxidation State of Single Europium Atoms. Physical Review Letters, 2015, 114, 197602.	2.9	12
43	Fabrication and Optical Probing of Highly Extended, Ultrathin Graphene Nanoribbons in Carbon Nanotubes. ACS Nano, 2015, 9, 5034-5040.	7.3	36
44	Minimal inflammogenicity of pristine single-wall carbon nanotubes. Nagoya Journal of Medical Science, 2015, 77, 195-202.	0.6	12
45	Rayleigh scattering studies on inter-layer interactions in structure-defined individual double-wall carbon nanotubes. Nano Research, 2014, 7, 1548-1555.	5.8	18
46	Observation and Characterization of Fragile Organometallic Molecules Encapsulated in Single-Wall Carbon Nanotubes. Journal of Nanomaterials, 2014, 2014, 1-5.	1.5	1
47	Structure of Tm2 and Tm2C2 encapsulated in low-symmetry C82(Cs(6)) fullerene cage by single crystal X-ray diffraction. Chemical Physics Letters, 2014, 600, 38-42.	1.2	20
48	Metal catalyst-free mist flow chemical vapor deposition growth of single-wall carbon nanotubes using C60 colloidal solutions. Carbon, 2014, 68, 80-86.	5.4	12
49	Sizeâ€Selective Complexation and Extraction of Endohedral Metallofullerenes with Cycloparaphenylene. Angewandte Chemie - International Edition, 2014, 53, 3102-3106.	7.2	144
50	A cubic dipole lattice of water molecules trapped inside carbon cages. Chemical Communications, 2014, 50, 524-526.	2.2	41
51	Direct Chemical Vapor Deposition Growth of WS₂ Atomic Layers on Hexagonal Boron Nitride. ACS Nano, 2014, 8, 8273-8277.	7.3	267
52	Synthesis and TEM structural characterization of C60-flattened carbon nanotube nanopeapods. Nano Research, 2014, 7, 1843-1848.	5.8	16
53	Drastic Change in Photoluminescence Properties of Graphene Quantum Dots by Chromatographic Separation. Advanced Optical Materials, 2014, 2, 983-989.	3.6	73
54	Synthesis of refractory conductive niobium carbide nanowires within the inner space of carbon nanotube templates. Applied Physics Express, 2014, 7, 015101.	1.1	5

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55	Direct observation of zipper-like wall-to-wall coalescence of double-wall carbon nanotubes. Carbon, 2014, 71, 159-165.	5.4	4
56	Microporous structures having phenylene fin: Significance of substituent groups for rotational linkers in coordination polymers. Microporous and Mesoporous Materials, 2014, 189, 83-90.	2.2	8
57	Metal-Dependent Stability of Pristine and Functionalized Unconventional Dimetallofullerene M₂@I_h-C₈₀. Journal of Physical Chemistry C, 2014, 118, 13953-13958.	1.5	43
58	In Situ Observation of Gold Chloride Decomposition in a Confined Nanospace by Transmission Electron Microscopy. Materials Transactions, 2014, 55, 461-465.	0.4	6
59	Evidence of Diamond Nanowires Formed inside Carbon Nanotubes from Diamantane Dicarboxylic Acid. Angewandte Chemie - International Edition, 2013, 52, 3717-3721.	7.2	71
60	Innentitelbild: Evidence of Diamond Nanowires Formed inside Carbon Nanotubes from Diamantane Dicarboxylic Acid (Angew. Chem. 13/2013). Angewandte Chemie, 2013, 125, 3622-3622.	1.6	1
61	Missing Smallâ€Bandgap Metallofullerenes: Their Isolation and Electronic Properties. Angewandte Chemie - International Edition, 2013, 52, 11770-11774.	7.2	47
62	Thermal/electron irradiation assisted coalescence of Sc3N@C80 fullerene in carbon nanotube and evidence of charge transfer between pristine/coalesced fullerenes and nanotubes. Nanoscale, 2013, 5, 11755.	2.8	9
63	Chirally selective growth and extraction of single-wall carbon nanotubes via fullerene nano-peapods. RSC Advances, 2013, 3, 16954.	1.7	16
64	Structure of Tm@C₈₂(I) Metallofullerene by Single-Crystal X-ray Diffraction Using the 1:2 Co-Crystal with Octaethylporphyrin Nickel (Ni(OEP)). Journal of Physical Chemistry C, 2013, 117, 6437-6442.	1.5	17
65	Thin single-wall BN-nanotubes formed inside carbon nanotubes. Scientific Reports, 2013, 3, 1385.	1.6	58
66	STM and STS Studies on the Density of States Modulation of Pr@C₈₂ and Sc₃C₂@C₈₀ Binary-Metallofullerene Peapods. Journal of Physical Chemistry C, 2013, 117, 6966-6971.	1.5	3
67	Growth of carbon nanotubes via twisted graphene nanoribbons. Nature Communications, 2013, 4, 2548.	5.8	89
68	Perfectly Ordered Two-Dimensional Layer Structures Found in Some Endohedral Metallofullerenes. Crystal Growth and Design, 2013, 13, 3632-3636.	1.4	4
69	Rapid Single-Stage Separation of Micrometer-Long and High-Purity Semiconducting Carbon Nanotubes by Gel Filtration. Applied Physics Express, 2013, 6, 065101.	1.1	8
70	Preparation and Observation of an Atomic Layer of Gold Formed on the Surface of Graphene. Applied Physics Express, 2012, 5, 065103.	1.1	5
71	Electronic structure of Eu atomic wires encapsulated inside single-wall carbon nanotubes. Physical Review B, 2012, 86, .	1.1	29
72	Carbon Nanotubes Encapsulating Atoms and Molecules. Hyomen Kagaku, 2012, 33, 563-568.	0.0	0

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73	Topological Difference in 2D Layers Steers the Formation of Rigid and Flexible 3D Supramolecular Isomers: Impact on the Adsorption Properties. Inorganic Chemistry, 2012, 51, 9141-9143.	1.9	41
74	Fabrication and Characterization of Graphene/Hexagonal Boron Nitride Hybrid Sheets. Applied Physics Express, 2012, 5, 085102.	1.1	37
75	Synthesis and Transformation of Linear Adamantane Assemblies inside Carbon Nanotubes. ACS Nano, 2012, 6, 8674-8683.	7.3	70
76	CONTROLLABLE CHEMICAL VAPOR DEPOSITION SYNTHESIS OF SINGLE-WALL CARBON NANOTUBES USING MIST FLOW METHOD. Nano, 2012, 07, 1250045.	0.5	5
77	Dimerization-Initiated Preferential Formation of Coronene-Based Graphene Nanoribbons in Carbon Nanotubes. Journal of Physical Chemistry C, 2012, 116, 15141-15145.	1.5	87
78	Rockâ€Saltâ€Type Crystal of Thermally Contracted C₆₀ with Encapsulated Lithium Cation. Angewandte Chemie - International Edition, 2012, 51, 3377-3381.	7.2	77
79	Preferential synthesis and isolation of (6,5) single-wall nanotubes from one-dimensional C60 coalescence. Nanoscale, 2011, 3, 4190.	2.8	33
80	Thin-Film Transistors with Length-Sorted DNA-Wrapped Single-Wall Carbon Nanotubes. Journal of Physical Chemistry C, 2011, 115, 270-273.	1.5	25
81	Transformation of ionic liquid into carbon nanotubes in confined nanospace. Chemical Communications, 2011, 47, 10368.	2.2	9
82	Irregular Modulation of Density-of-States of Nano-Peapods Encapsulating Gd@C₈₂Metallofullerenes. Journal of Physical Chemistry C, 2011, 115, 3968-3972.	1.5	4
83	Direct HRTEM Observation of Ultrathin Freestanding Ionic Liquid Film on Carbon Nanotube Grid. ACS Nano, 2011, 5, 4902-4908.	7.3	40
84	Growth of large-diameter (â¼4 nm) single-wall carbon nanotubes in the nanospace of mesoporous material SBA-15. Carbon, 2011, 49, 5173-5179.	5.4	15
85	Length-sorted semiconducting carbon nanotubes for high-mobility thin film transistors. Nano Research, 2011, 4, 963-970.	5.8	128
86	Nanohybridization of Polyoxometalate Clusters and Singleâ€Wall Carbon Nanotubes: Applications in Molecular Cluster Batteries. Angewandte Chemie - International Edition, 2011, 50, 3471-3474.	7.2	208
87	Low voltage electron diffractive imaging of atomic structure in single-wall carbon nanotubes. Applied Physics Letters, 2011, 98, 174103.	1.5	23
88	Templating rare-earth hybridization via ultrahigh vacuum annealing of ErCl3nanowires inside carbon nanotubes. Physical Review B, 2011, 83, .	1.1	29
89	Systematic Construction of Porous Coordination Pillared-layer Structures and Their Sorption Properties. Chemistry Letters, 2010, 39, 218-219.	0.7	43
90	Highâ€Performance Thinâ€Film Transistors with DNAâ€Assisted Solution Processing of Isolated Singleâ€Walled Carbon Nanotubes. Advanced Materials, 2010, 22, 2698-2701.	11.1	54

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91	Incommensurate guest adsorption in bellows-shaped one-dimensional channels of porous coordination polymers. Microporous and Mesoporous Materials, 2010, 129, 296-303.	2.2	24
92	Scanning tunnelling spectroscopy on the local electronic structure of Gd@C₈₂ peapods. Physica Status Solidi (B): Basic Research, 2010, 247, 3030-3032.	0.7	1
93	A layered ionic crystal of polar Li@C60 superatoms. Nature Chemistry, 2010, 2, 678-683.	6.6	275
94	A simple alcohol-chemical vapor deposition synthesis of single-layer graphenes using flash cooling. Applied Physics Letters, 2010, 96, .	1.5	81
95	Synthesis of Single-Walled Carbon Nanotubes Through Micropores of Surface-Treated Zeolites by Catalyst-Supported Chemical Vapor Deposition. Journal of Nanoscience and Nanotechnology, 2010, 10, 3919-3923.	0.9	2
96	Solution-Phase Extraction of Ultrathin Inner Shells from Double-Wall Carbon Nanotubes. ACS Nano, 2010, 4, 5807-5812.	7.3	44
97	STM TIP-CURRENT-INDUCED POLYMERIZATION OF C₆₀, Ce₂@C₈₀ AND Lu₂@C₇₆. Nano, 2009, 04, 281-287.	0.5	4
98	Hindered Rotation of Methane Molecules in the One-Dimensional Nanochannel of a Porous Coordination Polymer. Journal of Nanoscience and Nanotechnology, 2009, 9, 69-76.	0.9	4
99	Chromatographic Length Separation and Photoluminescence Study on DNA-Wrapped Single-Wall and Double-Wall Carbon Nanotubes. Journal of Nanomaterials, 2009, 2009, 1-8.	1.5	7
100	Fabrication of single-wall carbon nanotubes within the channels of a mesoporous material by catalyst-supported chemical vapor deposition. Carbon, 2009, 47, 722-730.	5.4	21
101	Morphology and Melting Behavior of Ionic Liquids inside Single-Walled Carbon Nanotubes. Journal of the American Chemical Society, 2009, 131, 14850-14856.	6.6	87
102	High yield synthesis and characterization of the structural and magnetic properties of crystalline ErCl3 nanowires in single-walled carbon nanotube templates. Nano Research, 2008, 1, 152-157.	5.8	48
103	Synthesis of single-wall carbon nanotubes grown from size-controlled Rh/Pd nanoparticles by catalyst-supported chemical vapor deposition. Chemical Physics Letters, 2008, 458, 346-350.	1.2	15
104	Fabrication of Metal Nanowires in Carbon Nanotubes via Versatile Nano-Template Reaction. Nano Letters, 2008, 8, 693-699.	4.5	188
105	Element-Specific Magnetic Properties of Di-Erbium Er₂@C₈₂ and Er₂C₂@C₈₂ Metallofullerenes:â€‰ A Synchrotron Soft X-ray Magnetic Circular Dichroism Study. Journal of Physical Chemistry C, 2008, 112, 6103-6109.	1.5	30
106	SOLID-STATE ¹³C AND ⁴⁵Sc NMR STUDIES ON ENDOHEDRAL SCANDIUM-CARBIDE METALLOFULLERENES: A MOTIONAL DYNAMICS OF Sc ATOMS IN FULLERENES. Nano, 2008, 03, 21-25.	0.5	4
107	Endohedral Metallofullerenes and Nano-Peapods. Japanese Journal of Applied Physics, 2007, 46, 881-891.	0.8	48
108	SYNTHESIS AND SPECTROSCOPIC CHARACTERIZATION OF SALMON DNA-WRAPPED SINGLE-WALL CARBON NANOTUBES. Nano, 2007, 02, 295-299.	0.5	11

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109	Enhanced 1520 nm Photoluminescence from Er³⁺ Ions in Di-erbium-carbide Metallofullerenes (Er₂C₂)@C₈₂ (Isomers I, II, and III). ACS Nano, 2007, 1, 456-462.	7.3	71
110	Synthesis, enhanced stability and structural imaging of C60 and C70 double-wall carbon nanotube peapods. Chemical Physics Letters, 2007, 441, 94-99.	1.2	22
111	Functionalities of One-Dimensional Dynamic Ultramicropores in Nickel(II) Coordination Polymers. Inorganic Chemistry, 2006, 45, 8990-8997.	1.9	26
112	Single-wall carbon nanotubes encaging linear chain C10H2 polyyne molecules inside. Chemical Physics Letters, 2006, 428, 356-360.	1.2	132
113	Carbon-Nanotube-Based Hybrid Materials: Nanopeapods. Chemistry - an Asian Journal, 2006, 1, 646-655.	1.7	58
114	Nanochannel-Promoted Polymerization of Substituted Acetylenes in Porous Coordination Polymers. Angewandte Chemie - International Edition, 2006, 45, 4112-4116.	7.2	233
115	Metastable Sorption State of a Metalâ€"Organic Porous Material Determined by In Situ Synchrotron Powder Diffraction. Angewandte Chemie - International Edition, 2006, 45, 4932-4936.	7.2	107
116	Highly controlled acetylene accommodation in a metalâ€"organic microporous material. Nature, 2005, 436, 238-241.	13.7	1,386
117	Direct Observation of Hydrogen Molecules Adsorbed onto a Microporous Coordination Polymer. Angewandte Chemie - International Edition, 2005, 44, 920-923.	7.2	211
118	Cover Picture: Direct Observation of Hydrogen Molecules Adsorbed onto a Microporous Coordination Polymer (Angew. Chem. Int. Ed. 6/2005). Angewandte Chemie - International Edition, 2005, 44, 829-829.	7.2	1
119	Magnetic Properties of Molecular Oxygen Adsorbed in Micro-Porous Metal-Organic Solids. Progress of Theoretical Physics Supplement, 2005, 159, 271-279.	0.2	26
120	Conversion of Allylic Alcohols to Carbonyl Compounds Catalyzed by Alkoxy-Bridged Dinuclear Areneruthenium Complexes. Organometallics, 2005, 24, 4729-4733.	1.1	15
121	Formation and Characterization of Crystalline Molecular Arrays of Gas Molecules in a 1-Dimensional Ultramicropore of a Porous Copper Coordination Polymer. Journal of Physical Chemistry B, 2005, 109, 23378-23385.	1.2	71
122	Functional Porous Coordination Polymers. Angewandte Chemie - International Edition, 2004, 43, 2334-2375.	7.2	10,106
123	Immobilization of a Metallo Schiff Base into a Microporous Coordination Polymer. Angewandte Chemie - International Edition, 2004, 43, 2684-2687.	7.2	336
124	Functional Porous Coordination Polymers. ChemInform, 2004, 35, no.	0.1	2
125	Metal-Complex Assemblies Constructed from the Flexible Hinge-Like Ligand H2bhnq: Structural Versatility and Dynamic Behavior in the Solid State. Chemistry - A European Journal, 2004, 10, 2647-2660.	1.7	92
126	Motion of methanol adsorbed in porous coordination polymer with paramagnetic metal ions. Chemical Communications, 2004, , 2152.	2.2	29

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127	Guest Shape-Responsive Fitting of Porous Coordination Polymer with Shrinkable Framework. Journal of the American Chemical Society, 2004, 126, 14063-14070.	6.6	286
128	Rational Design and Crystal Structure Determination of a 3-D Metalâ˜'Organic Jungle-Gym-like Open Framework. Inorganic Chemistry, 2004, 43, 6522-6524.	1.9	202
129	Titelbild: Angew. Chem. 4/2003. Angewandte Chemie, 2003, 115, 381-381.	1.6	2
130	Porous Coordination-Polymer Crystals with Gated Channels Specific for Supercritical Gases. Angewandte Chemie, 2003, 115, 444-447.	1.6	150
131	Cover Picture: Angew. Chem. Int. Ed. 4/2003. Angewandte Chemie - International Edition, 2003, 42, 367-367.	7.2	1
132	Porous Coordination-Polymer Crystals with Gated Channels Specific for Supercritical Gases. Angewandte Chemie - International Edition, 2003, 42, 428-431.	7.2	994
133	Formation of a One-Dimensional Array of Oxygen in a Microporous Metal-Organic Solid. Science, 2002, 298, 2358-2361.	6.0	599
134	Pillared layer compounds based on metal complexes. Synthesis and properties towards porous materials. Comments on Inorganic Chemistry, 2002, 23, 101-126.	3.0	46
135	Framework Engineering by Anions and Porous Functionalities of Cu(II)/4,4â€˜-bpy Coordination Polymers. Journal of the American Chemical Society, 2002, 124, 2568-2583.	6.6	669
136	Novel Flexible Frameworks of Porous Cobalt(II) Coordination Polymers That Show Selective Guest Adsorption Based on the Switching of Hydrogen-Bond Pairs of Amide Groups. Chemistry - A European Journal, 2002, 8, 3586.	1.7	391
137	A Pillared-Layer Coordination Polymer Network Displaying Hysteretic Sorption: [Cu2(pzdc)2(dpyg)]n (pzdc= Pyrazine-2,3-dicarboxylate; dpyg=1,2-Di(4-pyridyl)glycol). Angewandte Chemie - International Edition, 2002, 41, 133-135.	7.2	514
138	Bridge coordination of bidentate ligands to a dinuclear Î·6-arene-ruthenium(II) unit constructed by a chelating and bridging alkoxo ligand. Inorganica Chimica Acta, 2002, 334, 142-148.	1.2	12
139	A Pillared-Layer Coordination Polymer Network Displaying Hysteretic Sorption: [Cu2(pzdc)2(dpyg)]n (pzdc= Pyrazine-2,3-dicarboxylate; dpyg=1,2-Di(4-pyridyl)glycol). , 2002, 41, 133.		1
140	Continuous Fermi level tuning of Nb-doped WSe2 under an external electric field. Japanese Journal of Applied Physics, 0, , .	0.8	1