

Andre Gourdon

List of Publications by Year in descending order

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167
papers

7,940
citations

50170

46
h-index

53109

85
g-index

180
all docs

180
docs citations

180
times ranked

6227
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecules on Insulating Films: Scanning-Tunneling Microscopy Imaging of Individual Molecular Orbitals. <i>Physical Review Letters</i> , 2005, 94, 026803.	2.9	749
2	Bond-Order Discrimination by Atomic Force Microscopy. <i>Science</i> , 2012, 337, 1326-1329.	6.0	457
3	Conformational Changes of Single Molecules Induced by Scanning Tunneling Microscopy Manipulation: A Route to Molecular Switching. <i>Physical Review Letters</i> , 2001, 86, 672-675.	2.9	439
4	Properties of large organic molecules on metal surfaces. <i>Progress in Surface Science</i> , 2003, 71, 95-146.	3.8	419
5	Mononuclear and Binuclear Tetrapyrido[3,2-a:2â€³,3â€³-c:3â€³â€³,2â€³â€³-h:2â€³â€³â€³,3â€³â€³â€³-j]phenazine (tpphz) Ruthenium and Osmium Complexes. <i>Inorganic Chemistry</i> , 1996, 35, 2937-2944.	1.9	334
6	Topological Effects on Intramolecular Electron Transfer via Quantum Interference. <i>Inorganic Chemistry</i> , 1997, 36, 5037-5049.	1.9	238
7	Onâ€³Surface Covalent Coupling in Ultrahigh Vacuum. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 6950-6953.	7.2	222
8	Organic Molecules Acting as Templates on Metal Surfaces. <i>Science</i> , 2002, 296, 328-331.	6.0	208
9	A rack-and-pinion device at the molecular scale. <i>Nature Materials</i> , 2007, 6, 30-33.	13.3	171
10	Covalent networks through on-surface chemistry in ultra-high vacuum: state-of-the-art and recent developments. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 14283.	1.3	165
11	Spatially Resolved Tunneling along a Molecular Wire. <i>Physical Review Letters</i> , 1999, 83, 2809-2812.	2.9	164
12	Step-by-step rotation of a molecule-gear mounted on an atomic-scale axis. <i>Nature Materials</i> , 2009, 8, 576-579.	13.3	116
13	Chemistry of Iron with Dipicolinic Acid. 1. Mononuclear Complexes of Iron(II) or Iron(III). <i>Inorganic Chemistry</i> , 1995, 34, 5129-5137.	1.9	104
14	One-Dimensional Assembly and Selective Orientation of Lander Molecules on an Oâ€³Cu Template. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 2092-2095.	7.2	99
15	Bicomponent Supramolecular Architectures at the Vacuumâ€³Solid Interface. <i>Chemical Reviews</i> , 2017, 117, 1407-1444.	23.0	95
16	Probing the Different Stages in Contacting a Single Molecular Wire. <i>Physical Review Letters</i> , 2003, 91, 036601.	2.9	94
17	Recording Intramolecular Mechanics during the Manipulation of a Large Molecule. <i>Physical Review Letters</i> , 2001, 87, 088302.	2.9	93
18	Trapping and moving metal atoms with a six-leg molecule. <i>Nature Materials</i> , 2005, 4, 892-895.	13.3	88

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19	Photophysics of Dinuclear Ru(II) and Os(II) Complexes Based on the Tetrapyrido[3,2-a:2â€³,3â€³-c:3â€³-â€³,2â€³-â€³-h:2â€³-â€³-â€³-3â€³-â€³-j]phenazine (tpphz) Bridging Ligand. Inorganic Chemistry, 2002, 41, 2402-2410.	3.7	87
20	Synthesis, Mass Spectrometry, and Spectroscopic Properties of a Dinuclear Ruthenium Complex Comprising a 20 Å... Long Fully Aromatic Bridging Ligand. Inorganic Chemistry, 1999, 38, 1504-1510.	1.9	85
21	On-Surface Covalent Linking of Organic Building Blocks on a Bulk Insulator. ACS Nano, 2011, 5, 8420-8425.	7.3	85
22	Cu-TBPP and PTCDA molecules on insulating surfaces studied by ultra-high-vacuum non-contact AFM. Nanotechnology, 2004, 15, S91-S96.	1.3	82
23	Single organic molecules for photonic quantum technologies. Nature Materials, 2021, 20, 1615-1628.	13.3	79
24	Low temperature manipulation of big molecules in constant height mode. Applied Physics Letters, 2001, 78, 306-308.	1.5	78
25	Stepwise syntheses of mono- and di-nuclear ruthenium tpphz complexes [(bpy)2Ru(tpphz)]2â€³ and [(bpy)2Ru(tpphz)Ru(bpy)2]4+{tpphz = tetrapyrido[3,2-a:2â€³,3â€³-c:3â€³-â€³,2â€³-â€³-h:2â€³,3â€³-j]phenazine}. Journal of the Chemical Society Chemical Communications, 1995, .		73
26	Chemistry of Iron with Dipicolinic Acid. 4. Mixed-Ligand Complexes of Iron(III) and Related Compounds. Inorganic Chemistry, 1995, 34, 5156-5165.	1.9	69
27	Covalent Functionalization by Cycloaddition Reactions of Pristine Defect-Free Graphene. ACS Nano, 2017, 11, 627-634.	7.3	69
28	Tailoring molecular self-organization by chemical synthesis: Hexaphenylbenzene, hexa-peri-hexabenzocoronene, and derivatives on Cu (111). Physical Review B, 2005, 71, .	1.1	64
29	Scattering of Surface State Electrons at Large Organic Molecules. Physical Review Letters, 2004, 93, 056103.	2.9	63
30	Tetranuclear Tetrapyrido[3,2-a:2â€³,3â€³-c:3â€³-â€³,2â€³-â€³-h:2â€³-â€³-â€³,3â€³-â€³-â€³-j]phenazineruthenium Complex:â€³ Synthesis, Wt X-ray Scattering, and Photophysical Studies. Inorganic Chemistry, 1998, 37, 3603-3609.	1.9	60
31	Exploring the Interatomic Forces between Tip and Single Molecules during STM Manipulation. Nano Letters, 2006, 6, 2685-2689.	4.5	60
32	Tetracene Formation by On-Surface Reduction. ACS Nano, 2016, 10, 4538-4542.	7.3	60
33	Adsorption behavior of Lander molecules on Cu(110) studied by scanning tunneling microscopy. Journal of Chemical Physics, 2002, 117, 6259-6265.	1.2	59
34	Synthesis of â€³Molecular Landersâ€³. European Journal of Organic Chemistry, 1998, 1998, 2797-2801.	1.2	58
35	Chiral Close-Packing of Achiral Star-Shaped Molecules on Solid Surfaces. Journal of Physical Chemistry B, 2006, 110, 12835-12838.	1.2	56
36	Self-Assembly of Heterogeneous Supramolecular Structures with Uniaxial Anisotropy. Journal of Physical Chemistry B, 2006, 110, 25573-25577.	1.2	56

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37	Self-Assembly of Fivefold-Symmetric Molecules on a Threefold-Symmetric Surface. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 1970-1973.	7.2	56
38	Electron Transfer through Norbornadiene and Quadricyclane Moieties as a Model for Molecular Switching. <i>Inorganic Chemistry</i> , 1996, 35, 711-714.	1.9	55
39	Mononuclear and Binuclear Tetrapyrrodo[2,3-a:3',2'-c:2''-a'',3''-h:3''-a''-a'',2''-a''-a''-j]phenazine (tphz) Ruthenium Complexes. <i>Inorganic Chemistry</i> , 1998, 37, 5336-5341.	1.9	54
40	Manipulating the Conformation of Single Organometallic Chains on Au(111). <i>Journal of Physical Chemistry C</i> , 2014, 118, 1719-1728.	1.5	54
41	Chemistry of Iron with Dipicolinic Acid. 2. Bridging Role of Carboxylate Groups in Solid State Structures. <i>Inorganic Chemistry</i> , 1995, 34, 5138-5149.	1.9	50
42	Chemistry of Iron with Dipicolinic Acid. 3. Heptacoordinated Iron in [(dipicH)2FeII(OH2)] and [(dipic)2FeII(OH2)6].cntdot.2dipicH2. <i>Inorganic Chemistry</i> , 1995, 34, 5150-5155.	1.9	50
43	Observation of supramolecular "dimerization" of a dinuclear ruthenium complex by 1H NMR and ESMS. <i>Chemical Communications</i> , 1998, , 1909-1910.	2.2	49
44	Controlled manipulation of a single molecular wire along a copper atomic nanostructure. <i>Physical Review B</i> , 2004, 69, .	1.1	49
45	Supramolecular Architectures on Surfaces Formed through Hydrogen Bonding Optimized in Three Dimensions. <i>ACS Nano</i> , 2010, 4, 4097-4109.	7.3	48
46	Sequential and Site-Specific On-Surface Synthesis on a Bulk Insulator. <i>ACS Nano</i> , 2013, 7, 5614-5620.	7.3	47
47	STM images of a large organic molecule adsorbed on a bare metal substrate or on a thin insulating layer: Visualization of HOMO and LUMO. <i>Surface Science</i> , 2009, 603, 1526-1532.	0.8	46
48	Conformations of a molecular wire adsorbed on a metal surface. <i>Physical Review B</i> , 2002, 65, .	1.1	45
49	Photoinduced Electron Transfer in Pentaammineruthenium(II) Complexes of 1-(4-Cyanophenyl)imidazole. <i>Inorganic Chemistry</i> , 1996, 35, 2212-2219.	1.9	44
50	(Bipyridine)(terpyridine)(4-iodophenylcyanamide)ruthenium(II) complex: crystallography, electronic absorption spectroscopy, cyclic voltammetry and EPR measurements. <i>Inorganica Chimica Acta</i> , 2001, 316, 79-88.	1.2	44
51	Lander on Cu(2 1 1) " selective adsorption and surface restructuring by a molecular wire. <i>Chemical Physics Letters</i> , 2003, 371, 750-756.	1.2	44
52	Bicomponent Supramolecular Packing in Flexible Phthalocyanine Networks. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 6994-6998.	7.2	44
53	Nanostructuring Cu Surfaces Using Custom-Designed Molecular Molds. <i>Nano Letters</i> , 2004, 4, 75-78.	4.5	42
54	Recording the intramolecular deformation of a 4-legs molecule during its STM manipulation on a Cu(211) surface. <i>Chemical Physics Letters</i> , 2005, 402, 180-185.	1.2	42

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55	Electrochemistry and X-ray structures of the isoelectronic clusters [Fe ₅ C(CO) ₁₅], [N(PPh ₃) ₂][Fe ₅ N(CO) ₁₄] and [NBu ₄] ₂ [Fe ₅ C(CO) ₁₄]. <i>Journal of Organometallic Chemistry</i> , 1985, 290, 199-211.	0.8	41
56	Conformations of a long molecular wire with legs on a Cu(100) surface. <i>Chemical Physics Letters</i> , 2001, 348, 1-6.	1.2	41
57	Long-range ordered and atomic-scale control of graphene hybridization by photocycloaddition. <i>Nature Chemistry</i> , 2020, 12, 1035-1041.	6.6	41
58	Scanning tunneling microscopy experiments on single molecular landers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 8809-8814.	3.3	38
59	A local view on hyperconjugation. <i>Chemical Physics Letters</i> , 2007, 450, 107-111.	1.2	37
60	First Example of a Mixed Valence Mn ^{III} Mn ^{II} Mn ^{III} Schiff-Base Polymeric Complex having a Trimeric Repeat Unit. Crystal Structure of [Mn ₃ (HL) ₂ (acetato) ₂ (5-Cl-salicylato) ₂] _n . <i>Inorganic Chemistry</i> , 1995, 34, 2493-2494.	1.9	35
61	Adsorption of organic molecules on the TiO ₂ (011) surface: STM study. <i>Journal of Chemical Physics</i> , 2011, 134, 224701.	1.2	35
62	Controlling the Electronic Interaction between a Molecular Wire and Its Atomic Scale Contacting Pad. <i>Nano Letters</i> , 2005, 5, 859-863.	4.5	34
63	Synthesis, crystal structures and some reactions of zero-valent tris[bis-1,2-(dimethylphosphino)ethane] derivatives of chromium, molybdenum, tungsten, vanadium, niobium and tantalum. <i>Journal of Organometallic Chemistry</i> , 1984, 277, 61-73.	0.8	33
64	An NC-AFM and KPFM study of the adsorption of a triphenylene derivative on KBr(001). <i>Beilstein Journal of Nanotechnology</i> , 2012, 3, 221-229.	1.5	33
65	On-Surface Synthesis with Atomic Hydrogen. <i>ACS Nano</i> , 2020, 14, 13316-13323.	7.3	32
66	From zero to two dimensions: supramolecular nanostructures formed from perylene-3,4,9,10-tetracarboxylic diimide (PTCDI) and Ni on the Au(111) surface through the interplay between hydrogen-bonding and electrostatic metal-organic interactions. <i>Nano Research</i> , 2012, 5, 903-916.	5.8	31
67	STM manipulation of molecular moulds on metal surfaces. <i>Nano Research</i> , 2009, 2, 254-259.	5.8	29
68	A Practical General Method for the Preparation of Long Acenes. <i>Chemistry - A European Journal</i> , 2019, 25, 2366-2374.	1.7	29
69	Substrate Templating Guides the Photoinduced Reaction of C ₆₀ on Calcite. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7952-7955.	7.2	28
70	Deformation of a 3.7-nm long molecular wire at a metallic step edge. <i>Physical Review B</i> , 2002, 66, .	1.1	27
71	Towards molecular switching: Photophysical properties of N,N'-bis(4-cyanophenyl)piperazine, a bridging TICT molecule. <i>Chemical Physics Letters</i> , 1989, 160, 89-95.	1.2	26
72	Unimolecular Logic Gate with Classical Input by Single Gold Atoms. <i>ACS Nano</i> , 2018, 12, 1139-1145.	7.3	24

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73	Selective internal manipulation of a single molecule by scanning tunneling microscopy. <i>Journal of Chemical Physics</i> , 2005, 122, 134704.	1.2	23
74	Direct Visualization of Molecule Deprotonation on an Insulating Surface. <i>ACS Nano</i> , 2012, 6, 7406-7411.	7.3	23
75	STM imaging, spectroscopy and manipulation of a self-assembled PTCDI monolayer on epitaxial graphene. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 4939.	1.3	23
76	Molecular Self-Assembly of Jointed Molecules on a Metallic Substrate: From Single Molecule to Monolayer. <i>ChemPhysChem</i> , 2006, 7, 1917-1920.	1.0	22
77	Synthesis and X-ray analysis of a phosphidoiron cluster $[\{Fe_3(CO)_{10}\}P\{Fe(CO)_4\}]^{\sim}$. <i>Journal of Organometallic Chemistry</i> , 1986, 304, C1-C3.	0.8	21
78	The synthesis of phosphine derivatives of $[Fe_4N(CO)_{12}]^{\sim}$: Crystal structures of <i>Organometallic Chemistry</i> , 1992, 440, 353-366.	0.8	21
79	Twisted internal charge transfer (TICT) effect in bis(4-cyanophenyl)piperazine, a pseudo-dimer of dimethylaminobenzonitrile: a comparative study. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1993, 71, 13-25.	2.0	21
80	Non-covalent Interactions in Supramolecular Assemblies Investigated with Electron Spectroscopies. <i>ChemPhysChem</i> , 2009, 10, 896-900.	1.0	21
81	Self-assembly of hydrogen-bonded chains of molecular landers. <i>Chemical Communications</i> , 2010, 46, 5545.	2.2	21
82	NC-AFM Study of the Adsorption of Hexamethoxytriphenylene on KBr(001). <i>Journal of Physical Chemistry C</i> , 2011, 115, 13338-13342.	1.5	21
83			

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91	The structures of mono- and bis-arene tungsten derivatives: (I) bis(1-6-toluene)tungsten, (II) hydridobis(1-6-toluene)tungsten hexafluorophosphate, (III) hydridobis(1-6-monofluorobenzene)tungsten hexafluorophosphate, (IV) dichlorohydrido(1-6-toluene)bis(trimethylphosphine)tungsten hexafluorophosphate, (V) bis(acetonitrile)(1-3-allyl)(1-6-toluene)tungsten hexafluorophosphate. <i>Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry</i> , 1992, 20, 156-162.	0.4	17
92	Spectroscopic Fingerprints of Amine and Imide Functional Groups in Self-Assembled Monolayers. <i>ChemPhysChem</i> , 2007, 8, 1722-1726.	1.0	17
93	Preparative-scale synthesis of nonacene. <i>Nature Communications</i> , 2022, 13, 223.	5.8	17
94	Dibenzo[a:c](dipyrido[2,3-h:2â€²,3â€²-j])phenazine (dbdpzH ₂) mono and dinuclear cyclometallated ruthenium complexes. <i>Inorganica Chimica Acta</i> , 2003, 343, 395-399.	1.2	16
95	DEPOSITION OF LARGE ORGANIC MOLECULES IN ULTRA-HIGH VACUUM: A COMPARISON BETWEEN THERMAL SUBLIMATION AND PULSE-INJECTION. <i>International Journal of Nanoscience</i> , 2004, 03, 331-341.	0.4	16
96	Controlled Activation of Substrate Templating in Molecular Self-Assembly by Deprotonation. <i>Journal of Physical Chemistry C</i> , 2013, 117, 23868-23874.	1.5	15
97	A mechanical approach to the dissipation process in NC-AFM: experiments, model and simulation. <i>Applied Physics A: Materials Science and Processing</i> , 2001, 72, S47-S50.	1.1	14
98	Methylterylene isomers. <i>Tetrahedron</i> , 2012, 68, 9371-9375.	1.0	14
99	Oxidative cyclodehydrogenation of a perylene derivative: different reagents give different products. <i>New Journal of Chemistry</i> , 2015, 39, 6498-6503.	1.4	14
100	STM Studies of Self-Assembled Tetrathiafulvalene (TTF) Derivatives on Graphene: Influence of the Mode of Deposition. <i>Journal of Physical Chemistry C</i> , 2015, 119, 9334-9341.	1.5	14
101	On-Surface Synthesis of Chlorinated Narrow Graphene Nanoribbon Organometallic Hybrids. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 10290-10297.	2.1	14
102	Synthesis of Polyaromatic Hydrocarbons with a Central Rotor. <i>European Journal of Organic Chemistry</i> , 2002, 2002, 4185-4189.	1.2	13
103	Contacting a single molecular wire by STM manipulation. <i>Applied Physics A: Materials Science and Processing</i> , 2005, 80, 913-920.	1.1	13
104	STM and DFT Investigations of Isolated Porphyrin on a Silicon-Based Semiconductor at Room Temperature. <i>ChemPhysChem</i> , 2009, 10, 3190-3193.	1.0	13
105	Diacetylene polymerization on a bulk insulator surface. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 15172-15176.	1.3	13
106	Scanning Tunneling Microscopy and Spectroscopy Studies of Individual Lander Molecules Anchored on a Copper Oxide Nanotemplate. <i>Journal of Physical Chemistry C</i> , 2008, 112, 16118-16122.	1.5	12
107	Adsorption of Large Organic Molecules on Clean and Hydroxylated Rutile TiO ₂ (110) Surfaces. <i>ChemPhysChem</i> , 2009, 10, 3278-3284.	1.0	12
108	Synthesis of Two Complementary Molecular Moulds. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 1022-1026.	1.2	12

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109	Onâ€Surface Decarboxylation Coupling Facilitated by Lockâ€toâ€Unlock Variation of Molecules upon the Reaction. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 17435-17439.	7.2	12
110	Hybridization effects on the spectra and structure of solvatochromic copper(II) chelates containing Î²-diones and nitrogenous bases. <i>Inorganica Chimica Acta</i> , 1995, 237, 93-102.	1.2	11
111	Properties of Penta-<i>tert</i>-butylcorannulene Molecules Inserted in Phthalocyanine Networks Studied by Low-Temperature Scanning Tunneling Microscopy. <i>Journal of Physical Chemistry C</i> , 2009, 113, 21169-21176.	1.5	11
112	Phosphine substituted derivatives of [Fe5C(CO)15]; crystal structure of [Fe5C(CO)12(PMe2Ph)3]. <i>Journal of Organometallic Chemistry</i> , 1990, 388, 195-202.	0.8	9
113	Synthesis and Characterization of Oxomolybdate-Copper(II) Cluster Containing Coordinatively Bound Schiff-Base Molecules. <i>Inorganic Chemistry</i> , 1994, 33, 2073-2074.	1.9	9
114	Synthesis, characterisation and crystal structure of molybdenum and molybdenumâ€copper hydroxy-rich Schiff-base complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1995, , 2591-2598.	1.1	9
115	Interaction of a long molecular wire with a nanostructured surface: Violet Landers on Cu(211). <i>Chemical Physics Letters</i> , 2006, 428, 331-337.	1.2	9
116	Synthesis of a 2D Lander. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 136-140.	1.2	9
117	Syntheses and X-ray structures of two nitrosyliron clusters [(Ph3P)2N] [Fe6C(CO)15NO] and		

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127	Construction of 2D nanoporous networks by coupling on-surface dynamic imine chemistry and dipole-stabilized self-assembly. <i>Chemical Communications</i> , 2017, 53, 428-431.	2.2	7
128	Etude cristallographique du (benzonitrile)trichlorooxovanadium(V) et du trichlorooxo(phénylacétonitrile)vanadium(V). <i>Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry</i> , 1980, 36, 304-309.	0.4	6
129	The structures of bis[1-5-(1-cyclopentadienyl-2-iodoethane)]diiodomolybdenum and bis[1-5-(2-cyclopentadienylethyl)]molybdenum. <i>Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry</i> , 1981, 37, 1982-1985.	0.4	6
130	Internal Architecture and Adsorption Sites of Violet Lander Molecules Assembled on Native and KBr-passivated InSb(001) Surfaces. <i>ChemPhysChem</i> , 2009, 10, 2026-2033.	1.0	6
131	Bicomponent hydrogen-bonded nanostructures formed by two complementary molecular Landers on Au(111). <i>Chemical Communications</i> , 2014, 50, 10619-10621.	2.2	6
132	Molecular Resonance Imaging and Manipulation of Hexabenzocoronene on NaCl(001) and KBr(001) on Ag(111). <i>Journal of Physical Chemistry C</i> , 2018, 122, 11905-11910.	1.5	6
133	Preparation of a Key Tetraene Precursor for the Synthesis of Long Acenes. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 1658-1664.	1.2	6
134	Subsurface Carbon-Induced Local Charge of Copper for an On-Surface Displacement Reaction. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 23123-23127.	7.2	6
135	Etude cristallographique du bis(benzonitrile)trichlorooxovanadium(V). <i>Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry</i> , 1980, 36, 309-312.	0.4	5
136	Molecular Landers. <i>Annals of the New York Academy of Sciences</i> , 1998, 852, 219-229.	1.8	5
137	Syntheses of Hexabenzocoronene Derivatives. <i>Synthesis</i> , 2003, 2003, 1521-1525.	1.2	5
138	Molecular Aggregation within Self-Ordered Monolayers. <i>ChemPhysChem</i> , 2007, 8, 245-249.	1.0	4
139	nc-AFM Imaging and Manipulation of a Triphenylene Derivative on KBr(001). <i>Journal of Physical Chemistry C</i> , 2016, 120, 18151-18157.	1.5	4
140	cis,cis,cis,cis-1,2,3,4,5-Pentakis(hydroxymethyl)cyclopentane. <i>Tetrahedron</i> , 2013, 69, 9139-9144.	1.0	3
141	Design and synthesis of aromatic molecules for probing electric fields at the nanoscale. <i>Faraday Discussions</i> , 2015, 184, 251-262.	1.6	3
142	Functional Molecules for Grafting onto Ionic Surfaces. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 176-184.	1.2	3
143	Interaction between perylene-derived molecules observed by low temperature scanning tunneling microscopy. <i>Surface Science</i> , 2018, 669, 87-94.	0.8	3
144	Synthesis of Conjugated Ladder Oligomers. , 1997, , 89-98.		3

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145	Benzo-hexacene guide in accurate determination of field effect carrier mobilities in long acenes. RSC Advances, 2021, 12, 671-680.	1.7	3
146	Etude des défauts d'empilement dans un cristal moléculaire [V(C ₆ H ₅ CN) ₂ Cl ₃ O]. The Acta Crystallographica Section A, Crystal Physics, Diffraction and General Crystallography, 1980, 36, 328-329.	0.6	2
147	Structure of η^3 -allyl[1,2-bis(dimethylphosphino)ethane]- η^6 -toluene tungsten hexafluorophosphate, [W(C ₃ H ₅)(C ₇ H ₈)(C ₆ H ₁₆ P ₂)]PF ₆ . Acta Crystallographica Section C: Crystal Structure Communications, 1983, 39, 865-868.	0.4	2
148	3,3'-Dimethyl-4,4'-bipyridine and 5,5'-dimethyl-4,4'-bipyrimidine. Acta Crystallographica Section C: Crystal Structure Communications, 1993, 49, 1011-1013.	0.4	2
149	Generic nature of long-range repulsion mechanism on a bulk insulator?. Faraday Discussions, 2017, 204, 419-428.	1.6	2
150	Simple and economic elaboration of high purity CaCO ₃ particles for bone graft applications using a spray pyrolysis technique. Journal of Materials Chemistry B, 2017, 5, 6897-6907.	2.9	2
151	On-Surface Synthesis. ChemPhysChem, 2019, 20, 2249-2250.	1.0	2
152	Measurement and Control of the Charge Occupation of Single Adsorbed Molecules Levels by STM and Nc-AFM. Journal of Physical Chemistry C, 2019, 123, 26218-26225.	1.5	2
153	On-Surface Decarboxylation Coupling Facilitated by Lock/Unlock Variation of Molecules upon the Reaction. Angewandte Chemie, 2021, 133, 17575-17579.	1.6	2
154	Synthesis and Absorption Properties of Long Acenoacenes. Chemistry - A European Journal, 2021, 27, 12388-12394.	1.7	2
155	Impact of the reaction pathway on the final product in on-surface synthesis. Physical Chemistry Chemical Physics, 2020, 22, 6109-6114.	1.3	2
156	Structure of (E,E)-1,4-bis(4-pyridyl)-1,3-butadiene methanol solvate. Acta Crystallographica Section C: Crystal Structure Communications, 1990, 46, 1566-1567.	0.4	1
157	Molecular Landers as Probes for Molecular Device-Metal Surface Interactions. Annals of the New York Academy of Sciences, 2003, 1006, 82-93.	1.8	1
158	Distance Dependence of the Electronic Contact of a Molecular Wire. AIP Conference Proceedings, 2005, , .	0.3	1
159	Three-dimensional hydrogen bonding between Landers and planar molecules facilitated by electrostatic interactions with Ni adatoms. Chemical Communications, 2018, 54, 8845-8848.	2.2	1
160	Observation of electron two-dimensional standing-wave patterns at the surface of an insulating layer by scanning tunneling microscopy. Physical Review B, 2019, 99, .	1.1	1
161	Synthesis of a porphyrin with allyl tethers for grafting on diamond. Arkivoc, 2009, 2009, 312-317.	0.3	1
162	Bicyclo[2.2.1]hepta-2,5-diene-2,3-dicarboxamide, C ₉ H ₁₀ N ₂ O ₂ . Acta Crystallographica Section C: Crystal Structure Communications, 1994, 50, 414-415.	0.4	0

#	ARTICLE	IF	CITATIONS
163	1-Amino-2-nitro-4,5-bis(p-toluenesulfonamido)benzene. Acta Crystallographica Section C: Crystal Structure Communications, 1995, 51, 2395-2397.	0.4	0
164	Maleimides Designed for Self-Assembly and Reactivity on Graphene. Molecules, 2015, 20, 18856-18869.	1.7	0
165	Innenr¼cktitelbild: A Large Starphene Comprising Pentacene Branches (Angew. Chem. 14/2021). Angewandte Chemie, 2021, 133, 8059-8059.	1.6	0
166	Preparation of Tetrabenzo[4.4.2]undecastarphene by Onâ€Surface Synthesis. ChemPlusChem, 2021, 86, 991-996.	1.3	0
167	Crystal structure of 3-ethynylbenzoic acid. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o750-o751.	0.2	0