

Matthew A Addicoat

List of Publications by Year in descending order

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125
papers

11,911
citations

38738

50
h-index

26610

107
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131
all docs

131
docs citations

131
times ranked

9811
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-dimensional sp ² carbon-conjugated covalent organic frameworks. <i>Science</i> , 2017, 357, 673-676.	12.6	866
2	Mixed Matrix Membranes (MMMs) Comprising Exfoliated 2D Covalent Organic Frameworks (COFs) for Efficient CO ₂ Separation. <i>Chemistry of Materials</i> , 2016, 28, 1277-1285.	6.7	541
3	Conjugated organic framework with three-dimensionally ordered stable structure and delocalized π clouds. <i>Nature Communications</i> , 2013, 4, 2736.	12.8	528
4	Chemical sensing in two dimensional porous covalent organic nanosheets. <i>Chemical Science</i> , 2015, 6, 3931-3939.	7.4	504
5	Highly Emissive Covalent Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2016, 138, 5797-5800.	13.7	501
6	Interlayer Hydrogen-Bonded Covalent Organic Frameworks as High-Performance Supercapacitors. <i>Journal of the American Chemical Society</i> , 2018, 140, 10941-10945.	13.7	339
7	Locking Covalent Organic Frameworks with Hydrogen Bonds: General and Remarkable Effects on Crystalline Structure, Physical Properties, and Photochemical Activity. <i>Journal of the American Chemical Society</i> , 2015, 137, 3241-3247.	13.7	320
8	Solid state organic amine detection in a photochromic porous metal organic framework. <i>Chemical Science</i> , 2015, 6, 1420-1425.	7.4	316
9	Interplaying Intrinsic and Extrinsic Proton Conductivities in Covalent Organic Frameworks. <i>Chemistry of Materials</i> , 2016, 28, 1489-1494.	6.7	310
10	Catalytic covalent organic frameworks via pore surface engineering. <i>Chemical Communications</i> , 2014, 50, 1292-1294.	4.1	292
11	Molecular Level Control of the Capacitance of Two-Dimensional Covalent Organic Frameworks: Role of Hydrogen Bonding in Energy Storage Materials. <i>Chemistry of Materials</i> , 2017, 29, 2074-2080.	6.7	277
12	A Nitrogen-Rich 2D sp ² Carbon-Linked Conjugated Polymer Framework as a High-Performance Cathode for Lithium-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 849-853.	13.8	275
13	Rational design of crystalline supermicroporous covalent organic frameworks with triangular topologies. <i>Nature Communications</i> , 2015, 6, 7786.	12.8	274
14	Triazine Functionalized Porous Covalent Organic Framework for Photo-organocatalytic <i>E</i> - <i>Z</i> Isomerization of Olefins. <i>Journal of the American Chemical Society</i> , 2019, 141, 6152-6156.	13.7	270
15	Charge Dynamics in A Donor-Acceptor Covalent Organic Framework with Periodically Ordered Bicontinuous Heterojunctions. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 2017-2021.	13.8	263
16	On-water surface synthesis of crystalline, few-layer two-dimensional polymers assisted by surfactant monolayers. <i>Nature Chemistry</i> , 2019, 11, 994-1000.	13.6	262
17	Control of Crystallinity and Porosity of Covalent Organic Frameworks by Managing Interlayer Interactions Based on Self-Complementary π -Electronic Force. <i>Journal of the American Chemical Society</i> , 2013, 135, 546-549.	13.7	257
18	Multiple-component covalent organic frameworks. <i>Nature Communications</i> , 2016, 7, 12325.	12.8	227

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19	Zinc ion interactions in a two-dimensional covalent organic framework based aqueous zinc ion battery. <i>Chemical Science</i> , 2019, 10, 8889-8894.	7.4	220
20	Ionic Covalent Organic Frameworks: Design of a Charged Interface Aligned on 1D Channel Walls and Its Unusual Electrostatic Functions. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4982-4986.	13.8	217
21	Creation of Superheterojunction Polymers via Direct Polycondensation: Segregated and Bicontinuous Donor-Acceptor Columnar Arrays in Covalent Organic Frameworks for Long-Lived Charge Separation. <i>Journal of the American Chemical Society</i> , 2015, 137, 7817-7827.	13.7	213
22	Photoinduced Charge-Carrier Generation in Epitaxial MOF Thin Films: High Efficiency as a Result of an Indirect Electronic Band Gap?. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7441-7445.	13.8	206
23	Extension of the Universal Force Field to Metal-Organic Frameworks. <i>Journal of Chemical Theory and Computation</i> , 2014, 10, 880-891.	5.3	200
24	Ultrastable Imine-Based Covalent Organic Frameworks for Sulfuric Acid Recovery: An Effect of Interlayer Hydrogen Bonding. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5797-5802.	13.8	192
25	A Crystalline, 2D Polyarylimide Cathode for Ultrastable and Ultrafast Li Storage. <i>Advanced Materials</i> , 2019, 31, e1901478.	21.0	192
26	Electrochemical Stimuli-Driven Facile Metal-Free Hydrogen Evolution from Pyrene-Porphyrin-Based Crystalline Covalent Organic Framework. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 23843-23851.	8.0	179
27	Decoding the Morphological Diversity in Two Dimensional Crystalline Porous Polymers by Core Planarity Modulation. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 7806-7810.	13.8	168
28	Highly oriented MOF thin film-based electrocatalytic device for the reduction of CO ₂ to CO exhibiting high faradaic efficiency. <i>Journal of Materials Chemistry A</i> , 2016, 4, 15320-15326.	10.3	166
29	A Thiadiazole-Based Covalent Organic Framework: A Metal-Free Electrocatalyst toward Oxygen Evolution Reaction. <i>ACS Catalysis</i> , 2020, 10, 5623-5630.	11.2	140
30	Nonlinear Optical Switching in Regioregular Porphyrin Covalent Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6896-6900.	13.8	135
31	Large pore donor-acceptor covalent organic frameworks. <i>Chemical Science</i> , 2013, 4, 4505.	7.4	127
32	Extension of the Universal Force Field for Metal-Organic Frameworks. <i>Journal of Chemical Theory and Computation</i> , 2016, 12, 5215-5225.	5.3	126
33	Fabrication of Highly Uniform Gel Coatings by the Conversion of Surface-Anchored Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2014, 136, 8-11.	13.7	116
34	Connecting Microscopic Structures, Mesoscale Assemblies, and Macroscopic Architectures in 3D-Printed Hierarchical Porous Covalent Organic Framework Foams. <i>Journal of the American Chemical Society</i> , 2020, 142, 8252-8261.	13.7	115
35	Confining H ₃ PO ₄ network in covalent organic frameworks enables proton super flow. <i>Nature Communications</i> , 2020, 11, 1981.	12.8	114
36	Covalent organic framework based microspheres as an anode material for rechargeable sodium batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 16655-16663.	10.3	113

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37	Designed synthesis of double-stage two-dimensional covalent organic frameworks. <i>Scientific Reports</i> , 2015, 5, 14650.	3.3	107
38	Dual Metalation in a Two-Dimensional Covalent Organic Framework for Photocatalytic C–N Cross-Coupling Reactions. <i>Journal of the American Chemical Society</i> , 2022, 144, 7822-7833.	13.7	102
39	Thiophene-Bridged Donor–Acceptor sp^2 -Carbon-Linked 2D Conjugated Polymers as Photocathodes for Water Reduction. <i>Advanced Materials</i> , 2021, 33, e2006274.	21.0	100
40	Azobenzene-Equipped Covalent Organic Framework: Light-Operated Reservoir. <i>Journal of the American Chemical Society</i> , 2019, 141, 19078-19087.	13.7	86
41	Synthesis of Vinylene-Linked Two-Dimensional Conjugated Polymers via the Horner–Wadsworth–Emmons Reaction. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23620-23625.	13.8	86
42	3-Dimensional atomic scale structure of the ionic liquid–graphite interface elucidated by AM-AFM and quantum chemical simulations. <i>Nanoscale</i> , 2014, 6, 8100-8106.	5.6	78
43	Pore engineering of ultrathin covalent organic framework membranes for organic solvent nanofiltration and molecular sieving. <i>Chemical Science</i> , 2020, 11, 5434-5440.	7.4	78
44	A Nitrogen-Rich 2D sp^2 -Carbon-Linked Conjugated Polymer Framework as a High-Performance Cathode for Lithium-Ion Batteries. <i>Angewandte Chemie</i> , 2019, 131, 859-863.	2.0	71
45	AuToGraFS: Automatic Topological Generator for Framework Structures. <i>Journal of Physical Chemistry A</i> , 2014, 118, 9607-9614.	2.5	67
46	Accurate treatment of nonbonded interactions within systematic molecular fragmentation. <i>Journal of Chemical Physics</i> , 2009, 131, .	3.0	66
47	The fragment molecular orbital and systematic molecular fragmentation methods applied to water clusters. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 7752.	2.8	61
48	Kick: Constraining a stochastic search procedure with molecular fragments. <i>Journal of Computational Chemistry</i> , 2009, 30, 57-64.	3.3	55
49	Weak Intermolecular Interactions in Covalent Organic Framework-Carbon Nanofiber Based Crystalline yet Flexible Devices. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 30828-30837.	8.0	54
50	High-Precision Size Recognition and Separation in Synthetic 1D Nanochannels. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15922-15927.	13.8	50
51	Luminescent sp^2 -Carbon-Linked 2D Conjugated Polymers with High Photostability. <i>Chemistry of Materials</i> , 2020, 32, 7985-7991.	6.7	48
52	Assessment of the Density Functional Tight Binding Method for Protic Ionic Liquids. <i>Journal of Chemical Theory and Computation</i> , 2014, 10, 4633-4643.	5.3	44
53	Mixed hierarchical local structure in a disordered metal–organic framework. <i>Nature Communications</i> , 2021, 12, 2062.	12.8	44
54	Nonlinear Optical Switching in Regioregular Porphyrin Covalent Organic Frameworks. <i>Angewandte Chemie</i> , 2019, 131, 6970-6974.	2.0	43

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55	Outstanding Charge Mobility by Band Transport in Two-Dimensional Semiconducting Covalent Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2022, 144, 7489-7496.	13.7	43
56	Exceptional electron conduction in two-dimensional covalent organic frameworks. <i>CheM</i> , 2021, 7, 3309-3324.	11.7	41
57	Fully sp^2 -Carbon-Linked Crystalline Two-Dimensional Conjugated Polymers: Insight into 2D Poly(phenylenecyanovinylene) Formation and its Optoelectronic Properties. <i>Chemistry - A European Journal</i> , 2019, 25, 6562-6568.	3.3	40
58	Two-dimensional artificial light-harvesting antennae with predesigned high-order structure and robust photosensitising activity. <i>Scientific Reports</i> , 2016, 6, 32944.	3.3	39
59	Ultrastable Imine-Based Covalent Organic Frameworks for Sulfuric Acid Recovery: An Effect of Interlayer Hydrogen Bonding. <i>Angewandte Chemie</i> , 2018, 130, 5899-5904.	2.0	39
60	Porosity Switching in Polymorphic Porous Organic Cages with Exceptional Chemical Stability. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4243-4247.	13.8	39
61	Near-atomic-scale observation of grain boundaries in a layer-stacked two-dimensional polymer. <i>Science Advances</i> , 2020, 6, eabb5976.	10.3	39
62	Module-Patterned Polymerization towards Crystalline 2D sp^2 -Carbon Covalent Organic Framework Semiconductors. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	38
63	A Nanographene-Based Two-Dimensional Covalent Organic Framework as a Stable and Efficient Photocatalyst. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	38
64	Stochastic structure determination for conformationally flexible heterogenous molecular clusters: Application to ionic liquids. <i>Journal of Computational Chemistry</i> , 2013, 34, 2591-2600.	3.3	37
65	A Dual-Function Highly Crystalline Covalent Organic Framework for HCl Sensing and Visible-Light Heterogeneous Photocatalysis. <i>Macromolecules</i> , 2021, 54, 6595-6604.	4.8	34
66	A π -stacked phenylacetylene dimer. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 16706.	2.8	33
67	Ionic Covalent Organic Frameworks: Design of a Charged Interface Aligned on 1D Channel Walls and Its Unusual Electrostatic Functions. <i>Angewandte Chemie</i> , 2017, 129, 5064-5068.	2.0	33
68	Decoding the Morphological Diversity in Two Dimensional Crystalline Porous Polymers by Core Planarity Modulation. <i>Angewandte Chemie</i> , 2016, 128, 7937-7941.	2.0	32
69	Threshold Photoionization and Density Functional Theory Studies of the Niobium Carbide Clusters Nb_3C_n ($n = 1^4$) and Nb_4C_n ($n = 1^6$). <i>Journal of Physical Chemistry A</i> , 2008, 112, 5582-5592.	2.5	31
70	Probing charge transfer characteristics in a donor-acceptor metal-organic framework by Raman spectroelectrochemistry and pressure-dependence studies. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 25772-25779.	2.8	28
71	Ionization Potentials of Tantalum Carbide Clusters: An Experimental and Density Functional Theory Study. <i>Journal of Physical Chemistry A</i> , 2005, 109, 11180-11190.	2.5	27
72	Photoionization of Nb_3CO and $Nb_3(CO)_2$: Is CO Molecularly or Dissociatively Adsorbed on Niobium?. <i>Journal of Physical Chemistry A</i> , 2004, 108, 964-970.	2.5	26

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73	Norbornane-based covalent organic frameworks for gas separation. <i>Nanoscale</i> , 2022, 14, 2475-2481.	5.6	24
74	Optimization of a genetic algorithm for searching molecular conformer space. <i>Journal of Chemical Physics</i> , 2011, 135, 174106.	3.0	23
75	Combination of Knoevenagel Polycondensation and Water-Assisted Dynamic Michael-Addition-Elimination for the Synthesis of Vinylene-Linked 2D Covalent Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	23
76	Density functional theory investigation of Cu(I)- and Cu(II)-curcumin complexes. <i>Journal of Computational Chemistry</i> , 2011, 32, 429-438.	3.3	22
77	Spectroscopic observation of gold-dicarbide: Photodetachment and velocity map imaging of the AuC ₂ anion. <i>Journal of Chemical Physics</i> , 2013, 138, 174310.	3.0	18
78	Controlling embedment and surface chemistry of nanoclusters in metal-organic frameworks. <i>Chemical Communications</i> , 2016, 52, 5175-5178.	4.1	18
79	Synthese von Vinyl-verknüpfte zweidimensionalen konjugierten Polymeren via Horner-Wadsworth-Emmons-Reaktion. <i>Angewandte Chemie</i> , 2020, 132, 23827-23832.	2.0	18
80	Redox-Triggered Buoyancy and Size Modulation of a Dynamic Covalent Gel. <i>Chemistry of Materials</i> , 2019, 31, 4148-4155.	6.7	15
81	Efficacious and sustained release of an anticancer drug mitoxantrone from new covalent organic frameworks using protein corona. <i>Chemical Science</i> , 2022, 13, 7920-7932.	7.4	15
82	Optimization of a Genetic Algorithm for the Functionalization of Fullerenes. <i>Journal of Chemical Theory and Computation</i> , 2012, 8, 1841-1851.	5.3	14
83	Linear Chains of Magnetic Ions Stacked with Variable Distance: Ferromagnetic Ordering with a Curie Temperature above 200 K. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12683-12687.	13.8	14
84	High-Precision Size Recognition and Separation in Synthetic 1D Nanochannels. <i>Angewandte Chemie</i> , 2019, 131, 16069-16074.	2.0	13
85	Associative versus dissociative binding of CO to 4d transition metal trimers: A density functional study. <i>Journal of Computational Chemistry</i> , 2008, 29, 1497-1506.	3.3	12
86	Morphological Evolution of Two-Dimensional Porous Hexagonal Trimesic Acid Framework. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 15588-15594.	8.0	12
87	Explicit treatment of hydrogen bonds in the universal force field: Validation and application for metal-organic frameworks, hydrates, and host-guest complexes. <i>Journal of Chemical Physics</i> , 2017, 147, 161705.	3.0	10
88	Porosity Switching in Polymorphic Porous Organic Cages with Exceptional Chemical Stability. <i>Angewandte Chemie</i> , 2019, 131, 4287-4291.	2.0	10
89	Silica bound co-pillar[4+1]arene as a novel supramolecular stationary phase. <i>Chemical Communications</i> , 2020, 56, 1792-1794.	4.1	9
90	DFT Calculations on Group 5 Mixed Metal Tetramers: TaxNbyVz (x + y + z = 4). <i>Australian Journal of Chemistry</i> , 2004, 57, 1197.	0.9	8

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91	BFW: A Density Functional for Transition Metal Clusters. <i>Journal of Physical Chemistry A</i> , 2007, 111, 2625-2628.	2.5	8
92	Structure and dynamics of ionic liquids: general discussion. <i>Faraday Discussions</i> , 2018, 206, 291-337.	3.2	8
93	First spectroscopic observation of gold(Au^+) butadiynylide: Photodetachment velocity map imaging of the AuC_4H anion. <i>Journal of Chemical Physics</i> , 2016, 145, 044320.	3.0	7
94	Crystal structure evaluation: calculating relative stabilities and other criteria: general discussion. <i>Faraday Discussions</i> , 2018, 211, 325-381.	3.2	7
95	$\text{O}^{\text{H}}-\text{C}$ interactions and bond formation in 1-naphtholate anions with C -located electrophilic carbon centres. <i>CrystEngComm</i> , 2019, 21, 1009-1018.	2.6	7
96	Modelling Patterned Polymerization towards Crystalline 2D sp^2 -Carbon Covalent Organic Framework Semiconductors. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	7
97	Reactions of Nb_2 and Nb_3 with CO , D_2 , N_2 , and O_2 : Reconciling experimental kinetics with density functional theory-calculated reaction profiles. <i>Journal of Chemical Physics</i> , 2012, 137, 034301.	3.0	6
98	Covalently Linked Organic Networks. <i>Frontiers in Materials</i> , 2015, 2, .	2.4	6
99	New directions in gas sorption and separation with MOFs: general discussion. <i>Faraday Discussions</i> , 2017, 201, 175-194.	3.2	6
100	The SMFA program for quantum chemistry calculations on large molecules. <i>Wiley Interdisciplinary Reviews: Computational Molecular Science</i> , 2019, 9, e1413.	14.6	6
101	How to functionalise metal-organic frameworks to enable guest nanocluster embedment. <i>Journal of Materials Chemistry A</i> , 2020, 8, 4889-4897.	10.3	6
102	Tailored pore size and microporosity of covalent organic framework (COF) membranes for improved molecular separation. , 2021, 1, 100008.		6
103	Thermal Conductivity of Two-Dimensional Benzobisoxazole-Linked Covalent Organic Frameworks with Nanopores: Implications for Thermal Management Applications. <i>ACS Applied Nano Materials</i> , 2022, 5, 13787-13793.	5.0	6
104	Photoionization efficiency spectroscopy and density functional theory investigations of RhHo_2O_n ($n=0-2$) clusters. <i>Journal of Chemical Physics</i> , 2009, 130, 164311.	3.0	5
105	Excited states of Nb_3N_2 and Nb_3C_2 : Density functional theory, CASSCF, and MRCI studies. <i>Journal of Chemical Physics</i> , 2009, 130, 164308.	3.0	5
106	Photodetachment velocity map imaging of the $1\text{A}^2 \rightarrow 2\text{A}^2$ transition in the AuOH anion. <i>Chemical Physics Letters</i> , 2015, 625, 164-167.	2.6	5
107	Control of Crystallinity of Vinylene-Linked Two-Dimensional Conjugated Polymers by Rational Monomer Design. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	5
108	MOFs modeling and theory: general discussion. <i>Faraday Discussions</i> , 2017, 201, 233-245.	3.2	4

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109	Combination of Knoevenagel Polycondensation and Water-Assisted Dynamic Michael-Addition-Elimination for the Synthesis of Vinylene-Linked 2D Covalent Organic Frameworks. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	4
110	Performance of GFN1-xTB for periodic optimization of metal organic frameworks. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 10906-10914.	2.8	4
111	Effect of unwanted guest molecules on the stacking configuration of covalent organic frameworks: a periodic energy decomposition analysis. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 15494-15501.	2.8	4
112	Structure searching methods: general discussion. <i>Faraday Discussions</i> , 2018, 211, 133-180.	3.2	3
113	One step conversion of 1,5-bis(dimethylamino)naphthalene to salts of œback to backœ-bis-acridine derivatives. <i>New Journal of Chemistry</i> , 2020, 44, 9621-9625.	2.8	3
114	Role of Host-Guest Interaction in Understanding Polymerisation in Metal-Organic Frameworks. <i>Frontiers in Chemistry</i> , 2021, 9, 716294.	3.6	3
115	A Density Functional Theory Investigation of the Bimetallic Clusters Nb ₂ Rh and NbRh ₂ and the Complexes They Form with CO. <i>Australian Journal of Chemistry</i> , 2011, 64, 1554.	0.9	2
116	Stochastic Search of Molecular Cluster Interaction Energy Surfaces with Coupled Cluster Quality Prediction. The Phenylacetylene Dimer. <i>Journal of Chemical Theory and Computation</i> , 2013, 9, 3848-3854.	5.3	2
117	A supramolecular cavitand for selective chromatographic separation of peptides using LC-MS/MS: a combined in silico and experimental approach. <i>New Journal of Chemistry</i> , 2021, 45, 141-146.	2.8	2
118	A Nanographene-Based Two-Dimensional Covalent Organic Framework as a Stable and Efficient Photocatalyst. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	2
119	Computational Study of CO Reactivity with Nb ₃ X Heteronuclear Clusters. <i>Australian Journal of Chemistry</i> , 2008, 61, 854.	0.9	1
120	Catalytic Activity Towards Hydrogen Evolution Dependent of the Degree of Conjugation and Absorption of Six Organic Chromophores. <i>ChemistryOpen</i> , 2020, 9, 405-408.	1.9	1
121	'Perfect Match'œCombining Density Functional Calculations with Spectroscopic Characterization of Transition Metal Clusters. <i>Australian Journal of Chemistry</i> , 2005, 58, 564.	0.9	1
122	Using a Meta-GA for parametric optimization of simple gas in the computational chemistry domain. , 2010, , .		0
123	Highlights from the Faraday Discussion on New Directions in Porous Crystalline Materials, Edinburgh, UK, June 2017. <i>Chemical Communications</i> , 2017, 53, 10750-10756.	4.1	0
124	Ionic liquids at interfaces: general discussion. <i>Faraday Discussions</i> , 2018, 206, 549-586.	3.2	0
125	Supramolecular Chromatographic Separation of C ₆₀ and C ₇₀ Fullerenes: Flash Column Chromatography vs. High Pressure Liquid Chromatography. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5726.	4.1	0