

Lukasz Wojtas

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.

257
papers

17,667
citations

72
h-index

126
g-index

290
ext. papers

19,790
ext. citations

8.7
avg, IF

6.84
L-index

#	Paper	IF	Citations
257	Stereospecific α -(hetero)arylation of sulfoximines and sulfonimidamides. <i>2022</i> , 1, 170-179		6
256	Structure-activity and structure-property relationship studies of spirocyclic chromanes with antimalarial activity.. <i>Bioorganic and Medicinal Chemistry</i> , 2022 , 57, 116629	3.4	1
255	Crystal structures of anhydrous and hydrated ceftibuten.. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2022 , 78, 381-384	0.7	
254	Photodecarboxylative Amination of Redox-Active Esters with Diazirines. <i>Organic Letters</i> , 2021 , 23, 8838-8842	3.4	3
253	Cadmium halide coordination complexes of serpentine pentadentate ligands. <i>Polyhedron</i> , 2021 , 196, 114989	2.7	
252	Hierarchical Self-Assembly of Nanowires on the Surface by Metallo-Supramolecular Truncated Cuboctahedra. <i>Journal of the American Chemical Society</i> , 2021 , 143, 5826-5835	16.4	19
251	Metalloradical activation of carbonyl azides for enantioselective radical aziridination. <i>Chem</i> , 2021 , 7, 1120-1134	16.2	11
250	Two Manganese Metalloporphyrin Frameworks Constructed from a Custom-Designed Porphyrin Ligand Exhibiting Selective Uptake of CO ₂ over CH ₄ and Catalytic Activity for CO ₂ Fixation. <i>Crystal Growth and Design</i> , 2021 , 21, 2786-2792	3.5	1
249	Highly Stable Single Crystals of Three-Dimensional Porous Oligomer Frameworks Synthesized under Kinetic Conditions. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 14664-14670	16.4	8
248	Highly Stable Single Crystals of Three-Dimensional Porous Oligomer Frameworks Synthesized under Kinetic Conditions. <i>Angewandte Chemie</i> , 2021 , 133, 14785-14791	3.6	1
247	The folding propensity of β -sulfonyl- α AA peptidic foldamers with both left- and right-handedness. <i>Communications Chemistry</i> , 2021 , 4,	6.3	3
246	Construction of Stable Helical Metal-Organic Frameworks with a Conformationally Rigid "Concave Ligand". <i>Chemistry - A European Journal</i> , 2021 , 27, 10833-10838	4.8	
245	A robust soc-MOF platform exhibiting high gravimetric uptake and volumetric deliverable capacity for on-board methane storage. <i>Nano Research</i> , 2021 , 14, 512-517	10	17
244	Double-Layered Supramolecular Prisms Self-Assembled by Geometrically Non-equivalent Tetratopic Subunits. <i>Angewandte Chemie</i> , 2021 , 133, 1318-1325	3.6	4
243	Double-Layered Supramolecular Prisms Self-Assembled by Geometrically Non-equivalent Tetratopic Subunits. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 1298-1305	16.4	13
242	Anion mediated, tunable isoguanosine self-assemblies: decoding the conformation influence and solvent effects. <i>Chemical Science</i> , 2021 , 12, 7569-7574	9.4	2
241	Electrochemical gold redox catalysis for selective oxidative arylation. <i>Green Synthesis and Catalysis</i> , 2021 , 2, 82-86	9.3	6

240	Alkyne Trifunctionalization via Divergent Gold Catalysis: Combining π -Acid Activation, Vinyl-Gold Addition, and Redox Catalysis. <i>Journal of the American Chemical Society</i> , 2021 , 143, 4074-4082	16.4	6
239	Synthesis of microporous hydrogen-bonded supramolecular organic frameworks through guanosine self-assembly. <i>Cell Reports Physical Science</i> , 2021 , 2, 100519	6.1	0
238	Functional Porphyrinic Metal-Organic Framework as a New Class of Heterogeneous Halogen-Bond-Donor Catalyst. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 24312-24317	16.4	5
237	Supramolecular triangular orthobicupola: Self-assembly of a giant Johnson solid J27. <i>CheM</i> , 2021 , 7, 2429-2441	16.2	5
236	Functional Porphyrinic Metal-Organic Framework as a New Class of Heterogeneous Halogen-Bond-Donor Catalyst. <i>Angewandte Chemie</i> , 2021 , 133, 24514	3.6	0
235	Nanospace Decoration with Uranyl-Specific "Hooks" for Selective Uranium Extraction from Seawater with Ultrahigh Enrichment Index. <i>ACS Central Science</i> , 2021 , 7, 1650-1656	16.8	5
234	Conformational Control of a Metallo-Supramolecular Cage via the Dissymmetrical Modulation of Ligands. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 26523-26527	16.4	4
233	Decarboxylative Amination: Diazirines as Single and Double Electrophilic Nitrogen Transfer Reagents. <i>Journal of the American Chemical Society</i> , 2020 , 142, 21743-21750	16.4	10
232	Regioselective Crossed Aldol Reactions under Mild Conditions via Synergistic Gold-Iron Catalysis. <i>CheM</i> , 2020 , 6, 1420-1431	16.2	10
231	Synthesis, Characterization, and Antimicrobial Investigation of a Novel Chlorhexidine Cyclamate Complex. <i>Crystal Growth and Design</i> , 2020 , 20, 4991-4999	3.5	2
230	Diazo Activation with Diazonium Salts: Synthesis of Indazole and 1,2,4-Triazole. <i>Organic Letters</i> , 2020 , 22, 4151-4155	6.2	17
229	Hexafluoroisopropanol-Promoted Disulfidation and Diselenation of Alkyne, Alkene, and Allene. <i>Organic Letters</i> , 2020 , 22, 5462-5465	6.2	7
228	Gold Redox Catalysis with a Selenium Cation as a Mild Oxidant. <i>Chemistry - A European Journal</i> , 2020 , 26, 5946-5950	4.8	7
227	Self-Assembly of Porphyrin-Containing Metalla-Assemblies and Cancer Photodynamic Therapy. <i>Inorganic Chemistry</i> , 2020 , 59, 7380-7388	5.1	25
226	A Corrole-Based Covalent Organic Framework Featuring Desymmetrized Topology. <i>Angewandte Chemie</i> , 2020 , 132, 4384-4389	3.6	1
225	Reversed Cation Selectivity of G ₈ -Octamer and G ₁₆ -Hexadecamer towards Monovalent and Divalent Cations. <i>Chemistry - an Asian Journal</i> , 2020 , 15, 1030-1034	4.5	4
224	Synthesis, Characterization, and Investigation of the Antimicrobial Activity of Cetylpyridinium Tetrachlorozincate. <i>ACS Omega</i> , 2020 , 5, 10359-10365	3.9	5
223	A Corrole-Based Covalent Organic Framework Featuring Desymmetrized Topology. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 4354-4359	16.4	42

222	Pore modulation of guest photophysics in metal organic frameworks: Photophysical studies of meso-tetra (N-methyl-4-pyridyl) porphine encapsulated within MOM-11 and MOM-12. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020 , 391, 112329	4.7	4
221	Programming Covalent Organic Frameworks for Photocatalysis: Investigation of Chemical and Structural Variations. <i>Matter</i> , 2020 , 2, 416-427	12.7	57
220	"Orthogonal-Twisted-Arm" Ligands for The Construction of Metal-Organic Frameworks (MOFs): New Topology and Catalytic Reactivity. <i>Chemistry - A European Journal</i> , 2020 , 26, 16272-16276	4.8	4
219	Framework induced deformation modulates the photophysical properties of ZnTetra(4-pyridyl)porphyrin incorporated within a new metal organic framework, RWLAA-1. <i>Dalton Transactions</i> , 2020 , 49, 11668-11674	4.3	1
218	Guest-Based Photoactive Porous Materials Based upon Zn-Carboxylate Metal Organic Frameworks. <i>Structure and Bonding</i> , 2020 , 155-184	0.9	
217	Construction of Supramolecular Organogel with Circularly Polarized Luminescence by Self-Assembled Guanosine Octamer. <i>Cell Reports Physical Science</i> , 2020 , 1,	6.1	3
216	Efficient separation of xylene isomers by a guest-responsive metal-organic framework with rotational anionic sites. <i>Nature Communications</i> , 2020 , 11, 5456	17.4	20
215	Facilitating Ir-Catalyzed C≡C Alkynylation with Electrochemistry: Anodic Oxidation-Induced Reductive Elimination. <i>ACS Catalysis</i> , 2020 , 10, 11693-11699	13.1	15
214	Next-Generation D ₂ -Symmetric Chiral Porphyrins for Cobalt(II)-Based Metalloradical Catalysis: Catalyst Engineering by Distal Bridging. <i>Angewandte Chemie</i> , 2019 , 131, 2696-2700	3.6	8
213	A Metal-Organic Framework Based Methane Nano-trap for the Capture of Coal-Mine Methane. <i>Angewandte Chemie</i> , 2019 , 131, 10244-10247	3.6	20
212	Koanolide A, antiproliferative germacrane-type sesquiterpene lactone from Koanophyllon gibbosum. <i>Tetrahedron Letters</i> , 2019 , 60, 1640-1642	2	2
211	A Metal-Organic Framework Based Methane Nano-trap for the Capture of Coal-Mine Methane. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 10138-10141	16.4	92
210	Pore environment engineering in metal-organic frameworks for efficient ethane/ethylene separation. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 13585-13590	13	63
209	Orthogonal Halogen-Bonding-Driven 3D Supramolecular Assembly of Right-Handed Synthetic Helical Peptides. <i>Angewandte Chemie</i> , 2019 , 131, 7860-7864	3.6	6
208	Construction of a cross-layer linked G-octamer conformational control: a stable G-quadruplex in H-bond competitive solvents. <i>Chemical Science</i> , 2019 , 10, 4192-4199	9.4	12
207	Orthogonal Halogen-Bonding-Driven 3D Supramolecular Assembly of Right-Handed Synthetic Helical Peptides. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 7778-7782	16.4	27
206	Facilitating Gold Redox Catalysis with Electrochemistry: An Efficient Chemical-Oxidant-Free Approach. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 17226-17230	16.4	37
205	Robust Corrole-Based Metal-Organic Frameworks with Rare 9-Connected Zr/Hf-Oxo Clusters. <i>Journal of the American Chemical Society</i> , 2019 , 141, 14443-14450	16.4	48

204	Photophysical properties of the [Ru(2,2'-bipyridine) ₃] ²⁺ templated metal organic framework, RWLC-6. <i>Inorganica Chimica Acta</i> , 2019 , 496, 119034	2.7	6
203	Asymmetric Induction and Enantiodivergence in Catalytic Radical C-H Amination via Enantiodifferentiative H-Atom Abstraction and Stereoretentive Radical Substitution. <i>Journal of the American Chemical Society</i> , 2019 , 141, 12388-12396	16.4	74
202	Helical Sulfonyl-Apeptides with Aggregation-Induced Emission and Circularly Polarized Luminescence. <i>Journal of the American Chemical Society</i> , 2019 , 141, 12697-12706	16.4	63
201	Enantioselective Radical Construction of 5-Membered Cyclic Sulfonamides by Metalloradical C-H Amination. <i>Journal of the American Chemical Society</i> , 2019 , 141, 18160-18169	16.4	54
200	Facilitating Gold Redox Catalysis with Electrochemistry: An Efficient Chemical-Oxidant-Free Approach. <i>Angewandte Chemie</i> , 2019 , 131, 17386-17390	3.6	14
199	Innenrücktitelbild: A Metal-Organic Framework Based Methane Nano-trap for the Capture of Coal-Mine Methane (Angew. Chem. 30/2019). <i>Angewandte Chemie</i> , 2019 , 131, 10483-10483	3.6	
198	Next-Generation D -Symmetric Chiral Porphyrins for Cobalt(II)-Based Metalloradical Catalysis: Catalyst Engineering by Distal Bridging. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 2670-2674	16.4	33
197	Highly Efficient and Stereoselective Thioallylation of Alkynes: Possible Gold Redox Catalysis with No Need for a Strong Oxidant. <i>Angewandte Chemie</i> , 2018 , 130, 7031-7036	3.6	10
196	Bio-inspired nano-traps for uranium extraction from seawater and recovery from nuclear waste. <i>Nature Communications</i> , 2018 , 9, 1644	17.4	197
195	Highly Efficient and Stereoselective Thioallylation of Alkynes: Possible Gold Redox Catalysis with No Need for a Strong Oxidant. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 6915-6920	16.4	40
194	Concentration dependent supramolecular interconversions of triptycene-based cubic, prismatic, and tetrahedral structures. <i>Dalton Transactions</i> , 2018 , 47, 14189-14194	4.3	11
193	Covalent Organic Frameworks as a Decorating Platform for Utilization and Affinity Enhancement of Chelating Sites for Radionuclide Sequestration. <i>Advanced Materials</i> , 2018 , 30, e1705479	24	266
192	Hydrogen-Bonding-Driven 3D Supramolecular Assembly of Peptidomimetic Zipper. <i>Journal of the American Chemical Society</i> , 2018 , 140, 5661-5665	16.4	39
191	Gold-Catalyzed Oxidative Coupling of Alkynes toward the Synthesis of Cyclic Conjugated Dienes. <i>Chem</i> , 2018 , 4, 1983-1993	16.2	37
190	Photophysical studies of Ru(II)tris(2,2'-bipyridine) encapsulated within the ZnHKUST-1 metal organic framework. <i>Inorganica Chimica Acta</i> , 2018 , 483, 1-5	2.7	6
189	De Novo Left-Handed Synthetic Peptidomimetic Foldamers. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 9916-9920	16.4	31
188	Guest to framework photoinduced electron transfer in a cobalt substituted RWLC-2 metal organic framework. <i>Dalton Transactions</i> , 2018 , 47, 9250-9256	4.3	6
187	Synthesis and biological evaluation of some novel diastereoselective benzothiazole lactam conjugates. <i>European Journal of Medicinal Chemistry</i> , 2018 , 143, 283-291	6.8	31

186	A metal-metalloporphyrin framework based on an octatopic porphyrin ligand for chemical fixation of CO with aziridines. <i>Chemical Communications</i> , 2018 , 54, 1170-1173	5.8	78
185	Triazole-imidazole (TA-IM) derivatives as ultrafast fluorescent probes for selective Ag detection. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 7801-7805	3.9	12
184	An improved, gram-scale synthesis of protected 3-haloazetidines: rapid diversified synthesis of azetidine-3-carboxylic acids. <i>Arkivoc</i> , 2018 , 2018, 195-214	0.9	14
183	Catalytic Radical Process for Enantioselective Amination of C(sp ³)H Bonds. <i>Angewandte Chemie</i> , 2018 , 130, 17079-17083	3.6	23
182	Catalytic Radical Process for Enantioselective Amination of C(sp ³)-H Bonds. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 16837-16841	16.4	74
181	Modulation of Water Vapor Sorption by a Fourth-Generation Metal-Organic Material with a Rigid Framework and Self-Switching Pores. <i>Journal of the American Chemical Society</i> , 2018 , 140, 12545-12552	16.4	30
180	De Novo Left-Handed Synthetic Peptidomimetic Foldamers. <i>Angewandte Chemie</i> , 2018 , 130, 10064-10068	3.6	8
179	Topology meets MOF chemistry for pore-aperture fine tuning: ftw-MOF platform for energy-efficient separations via adsorption kinetics or molecular sieving. <i>Chemical Communications</i> , 2018 , 54, 6404-6407	5.8	44
178	Peptide N-Amination Supports β Sheet Conformations. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 2083-2086	16.4	22
177	Peptide N-Amination Supports β Sheet Conformations. <i>Angewandte Chemie</i> , 2017 , 129, 2115-2118	3.6	2
176	Terpyridine-Based, Flexible Tripods: From a Highly Symmetric Nanosphere to Temperature-Dependent, Irreversible, 3D Isomeric Macromolecular Nanocages. <i>Journal of the American Chemical Society</i> , 2017 , 139, 3012-3020	16.4	50
175	Postsynthetically Modified Covalent Organic Frameworks for Efficient and Effective Mercury Removal. <i>Journal of the American Chemical Society</i> , 2017 , 139, 2786-2793	16.4	573
174	Partially Interpenetrated NbO Topology Metal-Organic Framework Exhibiting Selective Gas Adsorption. <i>Crystal Growth and Design</i> , 2017 , 17, 2711-2717	3.5	24
173	Right-Handed Helical Foldamers Consisting of De Novo d-AApeptides. <i>Journal of the American Chemical Society</i> , 2017 , 139, 7363-7369	16.4	39
172	Heterospin biradicals provide insight into molecular conductance and rectification. <i>Chemical Science</i> , 2017 , 8, 5408-5415	9.4	10
171	Investigations on Gold-Catalyzed Thioalkyne Activation Toward Facile Synthesis of Ketene Dithioacetals. <i>Chemistry - A European Journal</i> , 2017 , 23, 10506-10510	4.8	23
170	Metalloradical activation of β -Formyldiazoacetates for the catalytic asymmetric radical cyclopropanation of alkenes. <i>Chemical Science</i> , 2017 , 8, 4347-4351	9.4	42
169	Accessing alternative reaction pathways of the intermolecular condensation between homo-propargyl alcohols and terminal alkynes through divergent gold catalysis. <i>Chemical Communications</i> , 2017 , 53, 2315-2318	5.8	8

168	Photophysical properties of [Ru(2,2'-bipyridine) ₃] ²⁺ encapsulated within the Uio-66 zirconium based metal organic framework. <i>Journal of Solid State Chemistry</i> , 2017 , 247, 77-82	3.3	20
167	Asymmetric Radical Cyclopropanation of Alkenes with In Situ-Generated Donor-Substituted Diazo Reagents via Co(II)-Based Metalloradical Catalysis. <i>Journal of the American Chemical Society</i> , 2017 , 139, 1049-1052	16.4	118
166	Copper(II) Complexes with Tridentate Bis(pyrazolylmethyl)pyridine Ligands: Synthesis, X-ray Crystal Structures and γ -Caprolactone Polymerization. <i>ChemistrySelect</i> , 2017 , 2, 9815-9821	1.8	7
165	Metal Substitution and Solvomorphism in Alkylthiolate-Bridged Zn and HgZn Metal Clusters. <i>ACS Omega</i> , 2017 , 2, 6391-6404	3.9	4
164	Thermal conductivity of a perovskite-type metal-organic framework crystal. <i>Dalton Transactions</i> , 2017 , 46, 13342-13344	4.3	20
163	Tetragonal Diiodotetrapyridinedicopper(I): Structure, Luminescence, and Computational Modeling. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2017 , 27, 90-100	3.2	4
162	Post-synthetic transformation of a Zn(II) polyhedral coordination network into a new supramolecular isomer of HKUST-1. <i>Chemical Communications</i> , 2017 , 53, 8866-8869	5.8	10
161	A Chiral Metal-Organic Material that Enables Enantiomeric Identification and Purification. <i>Chem</i> , 2017 , 3, 281-289	16.2	65
160	A novel photo-active Cd:1,4-benzene dicarboxylate metal organic framework templated using [Ru(II)(2,2'-bipyridine)]: synthesis and photophysics of RWLC-5. <i>Dalton Transactions</i> , 2017 , 46, 12711-12716	4.3	12
159	Light-Induced Photochemical Changes in Copper(I) Thiocyanate Complexes Decorated with Halopyridines: Optical Memory Manifestation. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 25430-25439	3.8	4
158	Asymmetric Radical Bicyclization of Allyl Azidoformates via Cobalt(II)-Based Metalloradical Catalysis. <i>Journal of the American Chemical Society</i> , 2017 , 139, 9164-9167	16.4	88
157	Photo-physical studies of ruthenium(II) tris(1,10-phenanthroline) confined within a polyhedral zinc(II)-trimesic acid metal organic framework. <i>Inorganica Chimica Acta</i> , 2017 , 466, 243-248	2.7	9
156	Intramolecular Radical Aziridination of Allylic Sulfamoyl Azides by Cobalt(II)-Based Metalloradical Catalysis: Effective Construction of Strained Heterobicyclic Structures. <i>Angewandte Chemie</i> , 2016 , 128, 11776-11780	3.6	17
155	Regioselective Amine-Borane Cyclization: Towards the Synthesis of 1,2-BN-3-Cyclohexene by Copper-Assisted Triazole/Gold Catalysis. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 11582-6	16.4	19
154	Regioselective Amine-Borane Cyclization: Towards the Synthesis of 1,2-BN-3-Cyclohexene by Copper-Assisted Triazole/Gold Catalysis. <i>Angewandte Chemie</i> , 2016 , 128, 11754-11758	3.6	3
153	Two highly porous single-crystalline zirconium-based metal-organic frameworks. <i>Science China Chemistry</i> , 2016 , 59, 980-983	7.9	14
152	Imparting amphiphobicity on single-crystalline porous materials. <i>Nature Communications</i> , 2016 , 7, 13300	17.4	104
151	Network diversity through two-step crystal engineering of a decorated 6-connected primary molecular building block. <i>CrystEngComm</i> , 2016 , 18, 8578-8581	3.3	12

150	Silver-Free Palladium-Catalyzed sp(3) and sp(2) C-H Alkynylation Promoted by a 1,2,3-Triazole Amine Directing Group. <i>Organic Letters</i> , 2016 , 18, 2970-3	6.2	71
149	Interpenetrating Metal-Metalloporphyrin Framework for Selective CO ₂ Uptake and Chemical Transformation of CO ₂ . <i>Inorganic Chemistry</i> , 2016 , 55, 7291-4	5.1	99
148	Crystal structure of ethyl 4-[(E)-(4-hydroxy-3-methoxybenzylidene)amino]benzoate: a p-hydroxy Schiff base. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016 , 72, 951-4	0.7	4
147	Polymorphism of vanillin revisited: the discovery and selective crystallization of a rare crystal structure. <i>CrystEngComm</i> , 2016 , 18, 1118-1122	3.3	17
146	An effective strategy to boost the robustness of metal-organic frameworks via introduction of size-matching ligand braces. <i>Chemical Communications</i> , 2016 , 52, 1971-4	5.8	29
145	Crystal Engineering of a 4,6-c fsc Platform That Can Serve as a Carbon Dioxide Single-Molecule Trap. <i>Crystal Growth and Design</i> , 2016 , 16, 1071-1080	3.5	17
144	Intermolecular Homopropargyl Alcohol Addition to Alkyne and a Sequential 1,6-Enyne Cycloisomerization with Triazole-Gold Catalyst. <i>Journal of the American Chemical Society</i> , 2016 , 138, 3994-7	16.4	61
143	New URJC-1 Material with Remarkable Stability and Acid-Base Catalytic Properties. <i>Polymers</i> , 2016 , 8,	4.5	6
142	Hybrid Ultra-Microporous Materials for Selective Xenon Adsorption and Separation. <i>Angewandte Chemie</i> , 2016 , 128, 8425-8429	3.6	27
141	Hybrid Ultra-Microporous Materials for Selective Xenon Adsorption and Separation. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 8285-9	16.4	100
140	Metal-Metalloporphyrin Framework Modified with Flexible tert-Butyl Groups for Selective Gas Adsorption. <i>ChemPlusChem</i> , 2016 , 81, 714-717	2.8	7
139	Anionic Metal-Organic Framework for Selective Dye Removal and CO ₂ Fixation. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 4373-4377	2.3	55
138	ent-Labdane Diterpenoids from the Aerial Parts of <i>Eupatorium obtusissimum</i> . <i>Journal of Natural Products</i> , 2016 , 79, 907-13	4.9	16
137	Gaining Insights on the H ₂ O Sorbent Interactions: Robust soc-MOF Platform as a Case Study. <i>Chemistry of Materials</i> , 2016 , 28, 7353-7361	9.6	30
136	Intramolecular Radical Aziridination of Allylic Sulfamoyl Azides by Cobalt(II)-Based Metalloradical Catalysis: Effective Construction of Strained Heterobicyclic Structures. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 11604-8	16.4	46
135	Intramolecular 1,5-C(sp)-H Radical Amination via Co(II)-Based Metalloradical Catalysis for Five-Membered Cyclic Sulfamides. <i>Chemical Science</i> , 2016 , 7, 6934-6939	9.4	68
134	Remote Stabilization of Copper Paddlewheel Based Molecular Building Blocks in Metal-Organic Frameworks. <i>Chemistry of Materials</i> , 2015 , 27, 2144-2151	9.6	64
133	Hydrogen Bond Hierarchy: Persistent Phenol...Chloride Hydrogen Bonds in the Presence of Carboxylic Acid Moieties. <i>Crystal Growth and Design</i> , 2015 , 15, 4341-4354	3.5	41

132	Synthesis, crystal structure, and transport properties of quaternary tetrahedral chalcogenides. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 10436-10441	7.1	9
131	Determining the Conformational Landscape of β - and γ -Coupling Using para-Phenylene and "Aviram-Ratner" Bridges. <i>Journal of the American Chemical Society</i> , 2015 , 137, 9222-5	16.4	25
130	A new family of anionic organic-inorganic hybrid doughnut-like nanostructures. <i>Chemical Communications</i> , 2015 , 51, 9223-6	5.8	30
129	Versatile rare earth hexanuclear clusters for the design and synthesis of highly-connected -MOFs. <i>Chemical Science</i> , 2015 , 6, 4095-4102	9.4	103
128	The local electric field favours more than exposed nitrogen atoms on CO ₂ capture: a case study on the rht-type MOF platform. <i>Chemical Communications</i> , 2015 , 51, 9636-9	5.8	42
127	Quest for highly connected metal-organic framework platforms: rare-earth polynuclear clusters versatility meets net topology needs. <i>Journal of the American Chemical Society</i> , 2015 , 137, 5421-30	16.4	135
126	β -Strand mimics based on tetrahydropyridazinedione (tpd) peptide stitching. <i>Chemical Communications</i> , 2015 , 51, 16259-62	5.8	16
125	Structural Insight into Guest Binding Sites in a Porous Homochiral Metal-Organic Material. <i>Journal of the American Chemical Society</i> , 2015 , 137, 12045-9	16.4	74
124	Synthesis of a Chiral Crystal Form of MOF-5, CMOF-5, by Chiral Induction. <i>Journal of the American Chemical Society</i> , 2015 , 137, 15406-9	16.4	116
123	Sulfono- β AApeptides as a new class of nonnatural helical foldamer. <i>Chemistry - A European Journal</i> , 2015 , 21, 2501-7	4.8	27
122	Stereoselective Radical C-H Alkylation with Acceptor/Acceptor-Substituted Diazo Reagents via Co(II)-Based Metalloradical Catalysis. <i>Chemical Science</i> , 2015 , 6, 1219-1224	9.4	88
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110	Ruthenium(II) tris(2,2'-bipyridine)-templated zinc(II) 1,3,5-tris(4-carboxyphenyl)benzene metal organic frameworks: structural characterization and photophysical properties. <i>Inorganic Chemistry</i> , 2014 , 53, 160-6	5.1	47
109	Microporous Heptazine Functionalized (3,24)-Connected rht-Metal-Organic Framework: Synthesis, Structure, and Gas Sorption Analysis. <i>Crystal Growth and Design</i> , 2014 , 14, 414-418	3.5	67
108	Orally bioavailable 6-chloro-7-methoxy-4(1H)-quinolones efficacious against multiple stages of Plasmodium. <i>Journal of Medicinal Chemistry</i> , 2014 , 57, 8860-79	8.3	28
107	A porous metal-metalloporphyrin framework featuring high-density active sites for chemical fixation of CO ₂ under ambient conditions. <i>Chemical Communications</i> , 2014 , 50, 5316-8	5.8	186
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90	Photoinduced inter-cavity electron transfer between Ru(II)tris(2,2'-bipyridine) and Co(II)tris(2,2'-bipyridine) Co-encapsulated within a Zn(II)-trimesic acid metal organic framework. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 14133	13	34
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