

# David DÃ-az DÃ-az

## List of Publications by Year in descending order

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198  
papers

8,196  
citations

57631

44  
h-index

53109

85  
g-index

212  
all docs

212  
docs citations

212  
times ranked

10985  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recyclable, Immobilized Transition-Metal Photocatalysts. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 2-17.	2.1	11
2	Neue Wege: LED effizienter machen. <i>Nachrichten Aus Der Chemie</i> , 2022, 70, 69-71.	0.0	0
3	Visible-Light-Triggered Degradation of pH-Responsive Micelles Based on <i>ortho</i> -Hydroxy Cinnamates. <i>ChemPhotoChem</i> , 2022, 6, .	1.5	2
4	Hydrazine-Modified Topology-Dependent Conductivity of Cyclic NDI as a Molecular Circuit. <i>Journal of Physical Chemistry C</i> , 2022, 126, 675-682.	1.5	0
5	Katalysatoren immobilisieren. <i>Nachrichten Aus Der Chemie</i> , 2022, 70, 75-78.	0.0	2
6	Biomass-derived isosorbide-based thermoresponsive hydrogel for drug delivery. <i>Soft Matter</i> , 2022, 18, 4963-4972.	1.2	6
7	Actuators Displaying Unidirectional Movement. <i>Advanced Intelligent Systems</i> , 2021, 3, 2000214.	3.3	2
8	Highly efficient latent fingerprint detection by eight-dansyl-functionalized octasilsesquioxane nanohybrids. <i>Dyes and Pigments</i> , 2021, 184, 108841.	2.0	10
9	Biopolymers as sustainable metal <i>bio</i> -adhesives. <i>Journal of Applied Polymer Science</i> , 2021, 138, 49783.	1.3	3
10	Methionine-based carbon monoxide releasing polymer for the prevention of biofilm formation. <i>Polymer Chemistry</i> , 2021, 12, 3968-3975.	1.9	9
11	Molecular Weight Enables Fine-Tuning the Thermal and Dielectric Properties of Polymethacrylates Bearing Sulfonyl and Nitrile Groups as Dipolar Entities. <i>Polymers</i> , 2021, 13, 317.	2.0	3
12	An air-tolerant polymer gel-immobilized iridium photocatalyst with pumping recyclability properties. <i>Chemical Communications</i> , 2021, 57, 7762-7765.	2.2	2
13	Intramolecular Nicholas Reaction Enables the Stereoselective Synthesis of Strained Cyclooctynes. <i>Molecules</i> , 2021, 26, 1629.	1.7	3
14	Aerobic Visible-Light-Driven Borylation of Heteroarenes in a Gel Nanoreactor. <i>Organic Letters</i> , 2021, 23, 2320-2325.	2.4	11
15	A pH-Triggered Polymer Degradation or Drug Delivery System by Light-Mediated Cis / Trans Isomerization of <i>o</i> -Hydroxy Cinnamates. <i>Macromolecular Rapid Communications</i> , 2021, 42, 2100213.	2.0	7
16	Graphene-based hybrid materials as promising scaffolds for peripheral nerve regeneration. <i>Neurochemistry International</i> , 2021, 147, 105005.	1.9	15
17	Biohydrogel Based on Dynamic Covalent Bonds for Wound Healing Applications. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6945.	1.3	0
18	Neuroprotective Effects of Resveratrol in Ischemic Brain Injury. <i>NeuroSci</i> , 2021, 2, 305-319.	0.4	3

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19	Highly Efficient Production of Heteroarene Phosphonates by Dichromatic Photoredox Catalysis. ACS Applied Materials & Interfaces, 2021, 13, 48784-48794.	4.0	7
20	A facile approach for tuning optical and surface properties of novel biobased Alginate/POTE handleable films via solvent vapor exposure. International Journal of Biological Macromolecules, 2021, 193, 258-268.	3.6	3
21	Efficient One-Pot Preparation of Thermoresponsive Polyurethanes with Lower Critical Solution Temperatures. ChemPlusChem, 2021, 86, 1570-1576.	1.3	2
22	Insulin-loaded mucoadhesive nanoparticles based on mucin-chitosan complexes for oral delivery and diabetes treatment. Carbohydrate Polymers, 2020, 229, 115506.	5.1	77
23	Influence of the epitaxial composition on N-face GaN KOH etch kinetics determined by ICP-OES. Beilstein Journal of Nanotechnology, 2020, 11, 41-50.	1.5	6
24	Molecular dynamics simulations on self-healing behavior of ionene polymer-based nanostructured hydrogels. Polymer, 2020, 211, 123072.	1.8	10
25	Optical, morphological and photocatalytic properties of biobased tractable films of chitosan/donor-acceptor polymer blends. Carbohydrate Polymers, 2020, 249, 116822.	5.1	8
26	Advanced Functional Hydrogel Biomaterials Based on Dynamic B-O Bonds and Polysaccharide Building Blocks. Biomacromolecules, 2020, 21, 3984-3996.	2.6	46
27	Self-Assembly of Hollow Organic Nanotubes Driven by Arene Regioisomerism. ChemPlusChem, 2020, 85, 2372-2375.	1.3	4
28	Anisotropy and Mechanistic Elucidation of Wet-Chemical Gallium Nitride Etching at the Atomic Level. Physica Status Solidi (A) Applications and Materials Science, 2020, 217, 2000221.	0.8	9
29	Recent applications of biphotonic processes in organic synthesis. Organic Chemistry Frontiers, 2020, 7, 1709-1716.	2.3	30
30	Effect of Reaction Media on Photosensitized [2+2]-Cycloaddition of Cinnamates. ChemistryOpen, 2020, 9, 649-656.	0.9	8
31	Fluorescent-Labeled Octasilsesquioxane Nanohybrids as Potential Materials for Latent Fingerprinting Detection. Chemistry - A European Journal, 2020, 26, 13142-13146.	1.7	4
32	Sulfonamide as amide isostere for fine-tuning the gelation properties of physical gels. RSC Advances, 2020, 10, 11481-11492.	1.7	4
33	Amphiphilic Polymer Co-Networks. Gels, 2020, 6, 18.	2.1	1
34	Biostimulant Nanoencapsulation: The New Keystone To Fight Hunger. Journal of Agricultural and Food Chemistry, 2020, 68, 7083-7085.	2.4	13
35	Use of a pH-sensitive polymer in a microextraction and preconcentration method directly combined with high-performance liquid chromatography. Journal of Chromatography A, 2020, 1619, 460910.	1.8	10
36	Thermoresponsive Shape-Memory Hydrogel Actuators Made by Phototriggered Click Chemistry. Advanced Functional Materials, 2020, 30, 2001683.	7.8	29

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37	Mucin-Grafted Polyethylene Glycol Microparticles Enable Oral Insulin Delivery for Improving Diabetic Treatment. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2649.	1.3	14
38	Gele als Reaktoren. <i>Nachrichten Aus Der Chemie</i> , 2020, 68, 70-74.	0.0	0
39	Use of a bis-1,2,3-triazole gelator for the preparation of supramolecular metallogels and stabilization of gold nanoparticles. <i>New Journal of Chemistry</i> , 2019, 43, 13850-13856.	1.4	5
40	Expanding the limits of amide-triazole isosteric substitution in bisamide-based physical gels. <i>RSC Advances</i> , 2019, 9, 20841-20851.	1.7	9
41	Alginate Hydrogels as Scaffolds and Delivery Systems to Repair the Damaged Spinal Cord. <i>Biotechnology Journal</i> , 2019, 14, e1900275.	1.8	49
42	Antimicrobial activity of poly(3,4-ethylenedioxythiophene) n-doped with a pyridinium-containing polyelectrolyte. <i>Soft Matter</i> , 2019, 15, 7695-7703.	1.2	14
43	Exploring the Effect of the Irradiation Time on Photosensitized Dendrimer-Based Nanoaggregates for Potential Applications in Light-Driven Water Photoreduction. <i>Nanomaterials</i> , 2019, 9, 1316.	1.9	5
44	On the sensitivity of alginate rheology to composition. <i>Soft Matter</i> , 2019, 15, 159-165.	1.2	4
45	Cationic Niosomes as Non-Viral Vehicles for Nucleic Acids: Challenges and Opportunities in Gene Delivery. <i>Pharmaceutics</i> , 2019, 11, 50.	2.0	59
46	5-(1 <i>H</i> -1,2,3-Triazol-5-yl)isophthalic Acid: A Versatile Ligand for the Synthesis of New Supramolecular Metallogels. <i>ACS Omega</i> , 2019, 4, 2111-2117.	1.6	4
47	Resultados preliminares del estudio ADENI-UCL: análisis de las decisiones de no ingreso en unidades de cuidados intensivos como medida de limitación de los tratamientos de soporte vital; estudio multicéntrico, prospectivo y observacional. <i>Medicina Intensiva</i> , 2019, 43, 317-319.	0.4	9
48	Understanding hydrogelation processes through molecular dynamics. <i>Journal of Materials Chemistry B</i> , 2019, 7, 1652-1673.	2.9	17
49	A Preliminary Comparative Study of the Baylis-Hillman Reaction in Ionic Liquid Solution and Gelled Ionic Liquid. <i>Macromolecular Symposia</i> , 2019, 385, 1800193.	0.4	4
50	Recent Strategies in Resveratrol Delivery Systems. <i>ChemPlusChem</i> , 2019, 84, 951-973.	1.3	36
51	Highly selective metallogel from 4-biphenylcarboxy capped diphenylalanine and FeCl <sub>3</sub> . <i>CrystEngComm</i> , 2019, 21, 4289-4297.	1.3	9
52	On the Race for More Stretchable and Tough Hydrogels. <i>Gels</i> , 2019, 5, 24.	2.1	26
53	The Prospect of Photochemical Reactions in Confined Gel Media. <i>Accounts of Chemical Research</i> , 2019, 52, 1865-1876.	7.6	43
54	Polymer topology-controlled self-healing properties of polyelectrolyte hydrogels based on DABCO-containing aromatic ionenes. <i>European Polymer Journal</i> , 2019, 115, 221-224.	2.6	9

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55	Niosomes encapsulated in biohydrogels for tunable delivery of phytoalexin resveratrol. RSC Advances, 2019, 9, 7601-7609.	1.7	24
56	Dipolar Glass Polymers Containing Polarizable Groups as Dielectric Materials for Energy Storage Applications. A Minireview. Polymers, 2019, 11, 317.	2.0	43
57	Biopolymer/Glycopolypeptide-Blended Scaffolds: Synthesis, Characterization and Cellular Interactions. Chemistry - an Asian Journal, 2019, 14, 4837-4846.	1.7	5
58	Metal- and Oxidant-Free Photoinduced Aromatic Trifluoromethylation Performed in Aerated Gel Media: Determining the Effects on Yield and Selectivity. Molecules, 2019, 24, 29.	1.7	8
59	Novel 3D copper nanoparticles/chitosan/nanoporous alumina (CCSA) membranes with catalytic activity. Characterization and performance in the reduction of methylene blue. Journal of Cleaner Production, 2019, 210, 811-820.	4.6	16
60	Isosteric Substitution of 4 <i>H</i> -1,2,4-Triazole by 1 <i>H</i> -1,2,3-Triazole in Isophthalic Derivative Enabled Hydrogel Formation for Controlled Drug Delivery. Molecular Pharmaceutics, 2018, 15, 2963-2972.	2.3	6
61	Wet-Chemical Etching of GaN: Underlying Mechanism of a Key Step in Blue and White LED Production. ChemistrySelect, 2018, 3, 1480-1494.	0.7	22
62	Release of small bioactive molecules from physical gels. Chemical Society Reviews, 2018, 47, 1484-1515.	18.7	157
63	Cationic ionene as an n-dopant agent of poly(3,4-ethylenedioxythiophene). Physical Chemistry Chemical Physics, 2018, 20, 9855-9864.	1.3	9
64	In situ preparation of film and hydrogel bio-nanocomposites of chitosan/fluorescein-copper with catalytic activity. Carbohydrate Polymers, 2018, 180, 200-208.	5.1	24
65	Phenylalanine and derivatives as versatile low-molecular-weight gelators: design, structure and tailored function. Biomaterials Science, 2018, 6, 38-59.	2.6	83
66	3D Printed Polymeric Hydrogels for Nerve Regeneration. Polymers, 2018, 10, 1041.	2.0	29
67	Tradeoffs in Timber, Carbon, and Cash Flow under Alternative Management Systems for Douglas-Fir in the Pacific Northwest. Forests, 2018, 9, 447.	0.9	17
68	Urea Activation by an External Brønsted Acid: Breaking Self-Association and Tuning Catalytic Performance. Catalysts, 2018, 8, 305.	1.6	6
69	Air-Sensitive Photoredox Catalysis Performed under Aerobic Conditions in Gel Networks. Journal of Organic Chemistry, 2018, 83, 7928-7938.	1.7	22
70	Non-enzyme entrapping biohydrogels in catalysis. Tetrahedron Letters, 2018, 59, 3293-3306.	0.7	8
71	Isomeric cationic ionenes as n-dopant agents of poly(3,4-ethylenedioxythiophene) for <i>in situ</i> gelation. Soft Matter, 2018, 14, 6374-6385.	1.2	8
72	Synthesis, Characterization, and Self-Assembly of a Tetrathiafulvalene (TTF)-Triglycyl Derivative. Applied Sciences (Switzerland), 2018, 8, 671.	1.3	4

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73	Optical and electronic activities of biobased films of chitosan/POTE containing gold nanoparticles: Experimental and theoretical analyses. <i>European Polymer Journal</i> , 2018, 108, 235-249.	2.6	8
74	Synthesis and supramolecular self-assembly of glutamic acid-based squaramides. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 2065-2073.	1.3	6
75	Cationic Polymers Bearing Quaternary Ammonium Groups-Catalyzed CO <sub>2</sub> Fixation with Epoxides. <i>Topics in Catalysis</i> , 2018, 61, 1545-1550.	1.3	12
76	Photon Upconversion in Supramolecular Gels and Synthetic Application. <i>Current Organic Chemistry</i> , 2018, 22, 2223-2228.	0.9	4
77	Protective Coatings for Aluminum Alloy Based on Hyperbranched 1,4-Polytriazoles. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 4231-4243.	4.0	37
78	Boronic acid-modified alginate enables direct formation of injectable, self-healing and multistimuli-responsive hydrogels. <i>Chemical Communications</i> , 2017, 53, 3350-3353.	2.2	139
79	Targeted Drug Delivery in Covalent Organic Nanosheets (CONs) via Sequential Postsynthetic Modification. <i>Journal of the American Chemical Society</i> , 2017, 139, 4513-4520.	6.6	475
80	Interplaying anions in a supramolecular metallohydrogel to form metal organic frameworks. <i>Chemical Communications</i> , 2017, 53, 3705-3708.	2.2	20
81	Unreactive Gel Networks as Versatile Confined Spaces for Enhanced Photoinduced Processes. <i>Macromolecular Symposia</i> , 2017, 372, 87-101.	0.4	1
82	Self-Organization of Electroactive Suspensions in Discharging Slurry Batteries: A Mesoscale Modeling Investigation. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 17882-17889.	4.0	17
83	An experimental and theoretical comparative study of the entrapment and release of dexamethasone from micellar and vesicular aggregates of PAMAM-PCL dendrimers. <i>European Polymer Journal</i> , 2017, 93, 507-520.	2.6	10
84	Aromatic ionene topology and counterion-tuned gelation of acidic aqueous solutions. <i>Soft Matter</i> , 2017, 13, 3031-3041.	1.2	14
85	Glassy Metal Adhesive Polymers from Copper(I)-Catalyzed Azide-Alkyne Cycloaddition. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1600579.	1.1	6
86	Cationic nioplexes-in-polysaccharide-based hydrogels as versatile biodegradable hybrid materials to deliver nucleic acids. <i>Journal of Materials Chemistry B</i> , 2017, 5, 7756-7767.	2.9	12
87	Hipotermia terapéutica: tiempo para una moratoria. <i>Medicina Intensiva</i> , 2017, 41, 425-428.	0.4	3
88	Paradigm Shift for Preparing Versatile Multivalent-Free Gels from Unmodified Sodium Alginate. <i>Biomacromolecules</i> , 2017, 18, 2967-2979.	2.6	46
89	Ultrasonication-enhanced gelation properties of a versatile amphiphilic formamidine-based gelator exhibiting both organogelation and hydrogelation abilities. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 22981-22994.	1.3	4
90	Anreigen und tauschen. <i>Nachrichten Aus Der Chemie</i> , 2017, 65, 1100-1105.	0.0	0

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91	Catalytic Macroporous Biohydrogels Made of Ferritin-Encapsulated Gold Nanoparticles. <i>ChemPlusChem</i> , 2017, 82, 225-232.	1.3	5
92	Self-healing alginate-gelatin biohydrogels based on dynamic covalent chemistry: elucidation of key parameters. <i>Materials Chemistry Frontiers</i> , 2017, 1, 73-79.	3.2	77
93	Antimicrobial and Hemolytic Studies of a Series of Polycations Bearing Quaternary Ammonium Moieties: Structural and Topological Effects. <i>International Journal of Molecular Sciences</i> , 2017, 18, 303.	1.8	19
94	Transfection of Antisense Oligonucleotides Mediated by Cationic Vesicles Based on Non-Ionic Surfactant and Polycations Bearing Quaternary Ammonium Moieties. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1139.	1.8	7
95	Effect of the dietary level of cull pinto beans ( <i>Phaseolus vulgaris</i> ) on ruminal fermentation, kinetics, and digestibility of hair lambs. <i>Revista Brasileira De Zootecnia</i> , 2017, 46, 405-412.	0.3	2
96	Dietary level of cull pinto beans on nutrient digestibility and animal performance of finishing hair lambs. <i>Revista Brasileira De Zootecnia</i> , 2017, 46, 400-404.	0.3	2
97	Keratin Protein-Catalyzed Nitroaldol (Henry) Reaction and Comparison with Other Biopolymers. <i>Molecules</i> , 2016, 21, 1122.	1.7	11
98	Fluoride Anion Recognition by a Multifunctional Urea Derivative: An Experimental and Theoretical Study. <i>Sensors</i> , 2016, 16, 658.	2.1	12
99	Gadolinium(III)-Based Porous Luminescent Metal-Organic Frameworks for Bimodal Imaging. <i>ChemPlusChem</i> , 2016, 81, 728-732.	1.3	32
100	Non-covalent incorporation of some substituted metal phthalocyanines into different gel networks and the effects on the gel properties. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016, 20, 1390-1400.	0.4	1
101	Supramolecular Metallogel That Imparts Self-Healing Properties to Other Gel Networks. <i>Chemistry of Materials</i> , 2016, 28, 3210-3217.	3.2	123
102	Self-assembled fibrillar networks of a multifaceted chiral squaramide: supramolecular multistimuli-responsive algogels. <i>Soft Matter</i> , 2016, 12, 4361-4374.	1.2	32
103	Nioplexes encapsulated in supramolecular hybrid biohydrogels as versatile delivery platforms for nucleic acids. <i>RSC Advances</i> , 2016, 6, 39688-39699.	1.7	12
104	Current status and challenges of biohydrogels for applications as supercapacitors and secondary batteries. <i>Journal of Materials Chemistry A</i> , 2016, 4, 8952-8968.	5.2	89
105	Supramolecular metallogels with bulk self-healing properties prepared by in situ metal complexation. <i>Chemical Communications</i> , 2016, 52, 13068-13081.	2.2	84
106	Regulatory parameters of self-healing alginate hydrogel networks prepared via mussel-inspired dynamic chemistry. <i>New Journal of Chemistry</i> , 2016, 40, 8493-8501.	1.4	31
107	Phase-Transfer Catalysis with Ionene Polymers. <i>ChemistrySelect</i> , 2016, 1, 4030-4033.	0.7	6
108	Spectroscopic Characterization of Azo Dyes Aggregation Induced by DABCO-Based Ionene Polymers and Dye Removal Efficiency as a Function of Ionene Structure. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 30908-30919.	4.0	25

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109	Kleben mit Klick. Nachrichten Aus Der Chemie, 2016, 64, 122-126.	0.0	0
110	Biodegradable liposome-encapsulated hydrogels for biomedical applications: a marriage of convenience. Biomaterials Science, 2016, 4, 555-574.	2.6	125
111	Metal-organic frameworks (MOFs) bring new life to hydrogen-bonding organocatalysts in confined spaces. CrystEngComm, 2016, 18, 3985-3995.	1.3	54
112	Towards sustainable solid-state supercapacitors: electroactive conducting polymers combined with biohydrogels. Journal of Materials Chemistry A, 2016, 4, 1792-1805.	5.2	97
113	Click Chemistry in Materials Synthesis: The Beginning. Macromolecular Symposia, 2015, 358, 10-20.	0.4	6
114	Welcome to Gels—An Interdisciplinary Open Access Journal for a Growing Scientific Community. Gels, 2015, 1, 1-2.	2.1	1
115	Magnetic Gel Composites for Hyperthermia Cancer Therapy. Gels, 2015, 1, 135-161.	2.1	50
116	DNA-Catalyzed Henry Reaction in Pure Water and the Striking Influence of Organic Buffer Systems. Molecules, 2015, 20, 4136-4147.	1.7	9
117	Photophysical and photochemical processes in 3D self-assembled gels as confined microenvironments. Soft Matter, 2015, 11, 5180-5187.	1.2	29
118	Chiral supramolecular nanoparticles: The study of chiral surface modification of silver nanoparticles by cysteine and its derivatives. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 470, 142-148.	2.3	15
119	Evaluation of the nitroaldol reaction in the presence of metal ion-crosslinked alginates. New Journal of Chemistry, 2015, 39, 2306-2315.	1.4	68
120	Non-invasive and continuous monitoring of the sol-gel phase transition of supramolecular gels using a fast (open-ended coaxial) microwave sensor. Physical Chemistry Chemical Physics, 2015, 17, 6212-6216.	1.3	9
121	Supramolecular Phase-Selective Gelation by Peptides Bearing Side-Chain Azobenzenes: Effect of Ultrasound and Potential for Dye Removal and Oil Spill Remediation. International Journal of Molecular Sciences, 2015, 16, 11766-11784.	1.8	37
122	Transformation of rigid metal-organic frameworks into flexible gel networks and vice versa. CrystEngComm, 2015, 17, 7978-7985.	1.3	13
123	A DAC tartrate-based gelator system featuring markedly improved gelation properties: enhancing lifetime and functionality of gel networks. CrystEngComm, 2015, 17, 8021-8030.	1.3	5
124	Intragel photoreduction of aryl halides by green-to-blue upconversion under aerobic conditions. Chemical Communications, 2015, 51, 16848-16851.	2.2	84
125	Amide-triazole isosteric substitution for tuning self-assembly and incorporating new functions into soft supramolecular materials. Chemical Communications, 2015, 51, 5294-5297.	2.2	45
126	Synergistic Computational-Experimental Approach to Improve Ionene Polymer-Based Functional Hydrogels. Advanced Functional Materials, 2014, 24, 4893-4904.	7.8	27



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127	A Covalent Organic Framework–Cadmium Sulfide Hybrid as a Prototype Photocatalyst for Visible-Light-Driven Hydrogen Production. <i>Chemistry - A European Journal</i> , 2014, 20, 15961-15965.	1.7	217
128	Multifunctional and robust covalent organic framework–nanoparticle hybrids. <i>Journal of Materials Chemistry A</i> , 2014, 2, 7944-7952.	5.2	192
129	±-Alkyl cysteine-coated gold nanoparticles: effect of C±-tetrasubstitution on colloidal stability. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	0.8	6
130	Improved Metal–Adhesive Polymers from Copper(I)-Catalyzed Azide–Alkyne Cycloaddition. <i>Chemistry - A European Journal</i> , 2014, 20, 10710-10719.	1.7	15
131	Amino acid-based multiresponsive low-molecular weight metallohydrogels with load-bearing and rapid self-healing abilities. <i>Chemical Communications</i> , 2014, 50, 3004-3006.	2.2	86
132	Homogeneous Photochemical Water Oxidation by Biuret-Modified Fe-TAML: Evidence of Fe <sup>V</sup> (O) Intermediate. <i>Journal of the American Chemical Society</i> , 2014, 136, 12273-12282.	6.6	187
133	Gelatin Protein-Mediated Direct Aldol Reaction. <i>Helvetica Chimica Acta</i> , 2014, 97, 574-580.	1.0	6
134	Investigation of C–C Bond Formation Mediated by <i>Bombyx mori</i> Silk Fibroin Materials. <i>ACS Sustainable Chemistry and Engineering</i> , 2014, 2, 1510-1517.	3.2	16
135	Exploiting Molecular Self-Assembly: From Urea-Based Organocatalysts to Multifunctional Supramolecular Gels. <i>Chemistry - A European Journal</i> , 2014, 20, 10720-10731.	1.7	50
136	Crossover Experiments Applied to Network Formation Reactions: Improved Strategies for Counting Elastically Inactive Molecular Defects in PEG Gels and Hyperbranched Polymers. <i>Journal of the American Chemical Society</i> , 2014, 136, 9464-9470.	6.6	82
137	Highly stable covalent organic framework–Au nanoparticles hybrids for enhanced activity for nitrophenol reduction. <i>Chemical Communications</i> , 2014, 50, 3169-3172.	2.2	307
138	Mechanical Downsizing of a Gadolinium(III)-Based Metal–Organic Framework for Anticancer Drug Delivery. <i>Chemistry - A European Journal</i> , 2014, 20, 10514-10518.	1.7	218
139	Dissolvable metallohydrogels for controlled release: evidence of a kinetic supramolecular gel phase intermediate. <i>Chemical Communications</i> , 2014, 50, 7032-7035.	2.2	37
140	Proton-Conducting Supramolecular Metallogels from the Lowest Molecular Weight Assembler Ligand: A Quote for Simplicity. <i>Chemistry - A European Journal</i> , 2013, 19, 9562-9568.	1.7	89
141	Organophotocatalysis in nanostructured soft gel materials as tunable reaction vessels: comparison with homogeneous and micellar solutions. <i>Journal of Materials Chemistry A</i> , 2013, 1, 4577.	5.2	38
142	C–C Bond formation catalyzed by natural gelatin and collagen proteins. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 1111-1118.	1.3	23
143	Multistimuli-Responsive Supramolecular Organogels Formed by Low-Molecular-Weight Peptides Bearing Side-Chain Azobenzene Moieties. <i>Chemistry - A European Journal</i> , 2013, 19, 8861-8874.	1.7	67
144	Hydrolytic Conversion of a Metal–Organic Polyhedron into a Metal–Organic Framework. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13755-13759.	7.2	68

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145	Neuroendocrine Tumor of the Pancreas in a Patient With Tuberous Sclerosis. <i>International Journal of Surgical Pathology</i> , 2012, 20, 390-395.	0.4	15
146	Crystal structure of (2S, 4R)-2-benzyl 1-tert-butyl 4-(tosyloxy)pyrrolidine-1,2-dicarboxylate, C <sub>24</sub> H <sub>29</sub> NO <sub>7</sub> S. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2012, 227, 361-362.	0.1	1
147	Fine-tuning the balance between crystallization and gelation and enhancement of CO <sub>2</sub> uptake on functionalized calcium based MOFs and metallogels. <i>Journal of Materials Chemistry</i> , 2012, 22, 14951.	6.7	75
148	Envelope Amplifier Based on Switching Capacitors for High-Efficiency RF Amplifiers. <i>IEEE Transactions on Power Electronics</i> , 2012, 27, 1359-1368.	5.4	35
149	Critical assessment of the efficiency of chitosan biohydrogel beads as recyclable and heterogeneous organocatalyst for C-C bond formation. <i>Green Chemistry</i> , 2012, 14, 378-392.	4.6	99
150	Competition between gelation and crystallisation of a peculiar multicomponent liquid system based on ammonium salts. <i>Soft Matter</i> , 2012, 8, 3446.	1.2	45
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