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	Targeted Drug Delivery in Covalent Organic Nanosheets (CONs) via Sequential Postsynthetic Modification. Journal of the American Chemical Society, 2017, 139, 4513-4520.	6.6	475
2	Click chemistry in materials synthesis. 1. Adhesive polymers from copper-catalyzed azide-alkyne cycloaddition. Journal of Polymer Science Part A, 2004, 42, 4392-4403.	2.5	394
3	Stimuli-responsive gels as reaction vessels and reusable catalysts. Chemical Society Reviews, 2011, 40, 427-448.	18.7	389
4	Ligand-Accelerated Cu-Catalyzed Azideâˆ'Alkyne Cycloaddition:â€‰ A Mechanistic Report. Journal of the American Chemical Society, 2007, 129, 12705-12712.	6.6	366
5	Facile Decoration of Functionalized Single-Wall Carbon Nanotubes with Phthalocyanines via â€œClick Chemistryâ€. Journal of the American Chemical Society, 2008, 130, 11503-11509.	6.6	308
6	Highly stable covalent organic frameworkâ€“Au nanoparticles hybrids for enhanced activity for nitrophenol reduction. Chemical Communications, 2014, 50, 3169-3172.	2.2	307
7	Mechanical Downsizing of a Gadolinium(III)â€based Metalâ€“Organic Framework for Anticancer Drug Delivery. Chemistry - A European Journal, 2014, 20, 10514-10518.	1.7	218
8	A Covalent Organic Frameworkâ€“Cadmium Sulfide Hybrid as a Prototype Photocatalyst for Visibleâ€Lightâ€Driven Hydrogen Production. Chemistry - A European Journal, 2014, 20, 15961-15965.	1.7	217
9	Synthesis of Degradable Model Networks via ATRP and Click Chemistry. Journal of the American Chemical Society, 2006, 128, 6564-6565.	6.6	214
10	Multifunctional and robust covalent organic frameworkâ€“nanoparticle hybrids. Journal of Materials Chemistry A, 2014, 2, 7944-7952.	5.2	192
11	Homogeneous Photochemical Water Oxidation by Biuret-Modified Fe-TAML: Evidence of Fe^V(O) Intermediate. Journal of the American Chemical Society, 2014, 136, 12273-12282.	6.6	187
12	Release of small bioactive molecules from physical gels. Chemical Society Reviews, 2018, 47, 1484-1515.	18.7	157
13	Boronic acid-modified alginate enables direct formation of injectable, self-healing and multistimuli-responsive hydrogels. Chemical Communications, 2017, 53, 3350-3353.	2.2	139
14	â€œClickâ€•Chemistry in a Supramolecular Environment:Â Stabilization of Organogels by Copper(I)-Catalyzed Azideâˆ'Alkyne [3 + 2] Cycloaddition. Journal of the American Chemical Society, 2006, 128, 6056-6057.	6.6	137
15	Biodegradable liposome-encapsulated hydrogels for biomedical applications: a marriage of convenience. Biomaterials Science, 2016, 4, 555-574.	2.6	125
16	Recent Uses of Iron (III) Chloride in Organic Synthesis. Current Organic Chemistry, 2006, 10, 457-476.	0.9	123
17	Supramolecular Metallogel That Imparts Self-Healing Properties to Other Gel Networks. Chemistry of Materials, 2016, 28, 3210-3217.	3.2	123
18	Iron(III)-Catalyzed Prins-Type Cyclization Using Homopropargylic Alcohol:â€‰ A Method for the Synthesis of 2-Alkyl-4-halo-5,6-dihydro-2H-pyrans. Organic Letters, 2003, 5, 1979-1982.	2.4	107

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19	Critical assessment of the efficiency of chitosan biohydrogel beads as recyclable and heterogeneous organocatalyst for Câ€“C bond formation. Green Chemistry, 2012, 14, 378-392.	4.6	99
20	Towards sustainable solid-state supercapacitors: electroactive conducting polymers combined with biohydrogels. Journal of Materials Chemistry A, 2016, 4, 1792-1805.	5.2	97
21	Click chemistry in materials synthesis. III. Metalâ€adhesive polymers from Cu(I)â€catalyzed azideâ€“alkyne cycloaddition. Journal of Polymer Science Part A, 2007, 45, 5182-5189.	2.5	95
22	Fe(III) Halides as Effective Catalysts in Carbonâ^'Carbon Bond Formation:Â Synthesis of 1,5-Dihalo-1,4-dienes, Î±,Î²-Unsaturated Ketones, and Cyclic Ethers. Journal of Organic Chemistry, 2005, 70, 57-62.	1.7	93
23	Subphthalocyanines as narrow band red-light emitting materials. Tetrahedron Letters, 2007, 48, 4657-4660.	0.7	89
24	Protonâ€Conducting Supramolecular Metallogels from the Lowest Molecular Weight Assembler Ligand: A Quote for Simplicity. Chemistry - A European Journal, 2013, 19, 9562-9568.	1.7	89
25	Current status and challenges of biohydrogels for applications as supercapacitors and secondary batteries. Journal of Materials Chemistry A, 2016, 4, 8952-8968.	5.2	89
26	Amino acid-based multiresponsive low-molecular weight metallohydrogels with load-bearing and rapid self-healing abilities. Chemical Communications, 2014, 50, 3004-3006.	2.2	86
27	Intragel photoreduction of aryl halides by green-to-blue upconversion under aerobic conditions. Chemical Communications, 2015, 51, 16848-16851.	2.2	84
28	Supramolecular metallogels with bulk self-healing properties prepared by in situ metal complexation. Chemical Communications, 2016, 52, 13068-13081.	2.2	84
29	Phenylalanine and derivatives as versatile low-molecular-weight gelators: design, structure and tailored function. Biomaterials Science, 2018, 6, 38-59.	2.6	83
30	Crossover Experiments Applied to Network Formation Reactions: Improved Strategies for Counting Elastically Inactive Molecular Defects in PEG Gels and Hyperbranched Polymers. Journal of the American Chemical Society, 2014, 136, 9464-9470.	6.6	82
31	Self-healing alginateâ€“gelatin biohydrogels based on dynamic covalent chemistry: elucidation of key parameters. Materials Chemistry Frontiers, 2017, 1, 73-79.	3.2	77
32	Insulin-loaded mucoadhesive nanoparticles based on mucin-chitosan complexes for oral delivery and diabetes treatment. Carbohydrate Polymers, 2020, 229, 115506.	5.1	77
33	Fine-tuning the balance between crystallization and gelation and enhancement of CO2 uptake on functionalized calcium based MOFs and metallogels. Journal of Materials Chemistry, 2012, 22, 14951.	6.7	75
34	Hydrolytic Conversion of a Metalâ€“Organic Polyhedron into a Metalâ€“Organic Framework. Angewandte Chemie - International Edition, 2013, 52, 13755-13759.	7.2	68
35	Evaluation of the nitroaldol reaction in the presence of metal ion-crosslinked alginates. New Journal of Chemistry, 2015, 39, 2306-2315.	1.4	68
36	Multistimuliâ€Responsive Supramolecular Organogels Formed by Lowâ€Molecularâ€Weight Peptides Bearing Sideâ€Chain Azobenzene Moieties. Chemistry - A European Journal, 2013, 19, 8861-8874.	1.7	67

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37	Strength Enhancement of Nanostructured Organogels through Inclusion of Phthalocyanineâ€Containing Complementary Organogelator Structures and In Situ Crossâ€Linking by Click Chemistry. Chemistry - A European Journal, 2008, 14, 9261-9273.	1.7	64
38	Cationic Niosomes as Non-Viral Vehicles for Nucleic Acids: Challenges and Opportunities in Gene Delivery. Pharmaceutics, 2019, 11, 50.	2.0	59
39	Metalâ€“organic frameworks (MOFs) bring new life to hydrogen-bonding organocatalysts in confined spaces. CrystEngComm, 2016, 18, 3985-3995.	1.3	54
40	Exploiting Molecular Selfâ€Assembly: From Ureaâ€Based Organocatalysts to Multifunctional Supramolecular Gels. Chemistry - A European Journal, 2014, 20, 10720-10731.	1.7	50
41	Magnetic Gel Composites for Hyperthermia Cancer Therapy. Gels, 2015, 1, 135-161.	2.1	50
42	Alginate Hydrogels as Scaffolds and Delivery Systems to Repair the Damaged Spinal Cord. Biotechnology Journal, 2019, 14, e1900275.	1.8	49
43	Paradigm Shift for Preparing Versatile M²⁺-Free Gels from Unmodified Sodium Alginate. Biomacromolecules, 2017, 18, 2967-2979.	2.6	46
44	Advanced Functional Hydrogel Biomaterials Based on Dynamic Bâ€“O Bonds and Polysaccharide Building Blocks. Biomacromolecules, 2020, 21, 3984-3996.	2.6	46
45	Competition between gelation and crystallisation of a peculiar multicomponent liquid system based on ammonium salts. Soft Matter, 2012, 8, 3446.	1.2	45
46	Amideâ€“triazole isosteric substitution for tuning self-assembly and incorporating new functions into soft supramolecular materials. Chemical Communications, 2015, 51, 5294-5297.	2.2	45
47	The Prospect of Photochemical Reactions in Confined Gel Media. Accounts of Chemical Research, 2019, 52, 1865-1876.	7.6	43
48	Dipolar Glass Polymers Containing Polarizable Groups as Dielectric Materials for Energy Storage Applications. A Minireview. Polymers, 2019, 11, 317.	2.0	43
49	Alkynyl-substituted phthalocyanines: versatile building blocks for molecular materials synthesis. Journal of Porphyrins and Phthalocyanines, 2006, 10, 1083-1100.	0.4	41
50	Polymer thermoreversible gels from organogelators enabled by â€˜clickâ€™ chemistry. Tetrahedron Letters, 2008, 49, 1340-1343.	0.7	39
51	Organophotocatalysis in nanostructured soft gel materials as tunable reaction vessels: comparison with homogeneous and micellar solutions. Journal of Materials Chemistry A, 2013, 1, 4577.	5.2	38
52	Study of high glass transition temperature thermosets made from the copper(I)-catalyzed azideâ€“alkyne cycloaddition reaction. Polymer, 2007, 48, 239-244.	1.8	37
53	Dissolvable metallohydrogels for controlled release: evidence of a kinetic supramolecular gel phase intermediate. Chemical Communications, 2014, 50, 7032-7035.	2.2	37
54	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

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55	Protective Coatings for Aluminum Alloy Based on Hyperbranched 1,4-Polytriazoles. ACS Applied Materials & Interfaces, 2017, 9, 4231-4243.	4.0	37
56	Recent Strategies in Resveratrol Delivery Systems. ChemPlusChem, 2019, 84, 951-973.	1.3	36
57	Envelope Amplifier Based on Switching Capacitors for High-Efficiency RF Amplifiers. IEEE Transactions on Power Electronics, 2012, 27, 1359-1368.	5.4	35
58	Gadolinium(III)â€Based Porous Luminescent Metalâ€“Organic Frameworks for Bimodal Imaging. ChemPlusChem, 2016, 81, 728-732.	1.3	32
59	Self-assembled fibrillar networks of a multifaceted chiral squaramide: supramolecular multistimuli-responsive alcogels. Soft Matter, 2016, 12, 4361-4374.	1.2	32
60	Microsatellite markers linked to QTL for resistance to Mal de RÃo Cuarto disease in Zea mays L.. Journal of Agricultural Science, 2004, 142, 289-295.	0.6	31
61	Regulatory parameters of self-healing alginate hydrogel networks prepared via mussel-inspired dynamic chemistry. New Journal of Chemistry, 2016, 40, 8493-8501.	1.4	31
62	Schwannoma of the submandibular gland. Head and Neck, 1991, 13, 239-242.	0.9	30
63	Recent applications of biphotonic processes in organic synthesis. Organic Chemistry Frontiers, 2020, 7, 1709-1716.	2.3	30
64	Instantaneous Low Temperature Gelation by a Multicomponent Organogelator Liquid System Based on Ammonium Salts. Journal of the American Chemical Society, 2008, 130, 7967-7973.	6.6	29
65	Photophysical and photochemical processes in 3D self-assembled gels as confined microenvironments. Soft Matter, 2015, 11, 5180-5187.	1.2	29
66	3D Printed Polymeric Hydrogels for Nerve Regeneration. Polymers, 2018, 10, 1041.	2.0	29
67	Thermoresponsive Shapeâ€Memory Hydrogel Actuators Made by Phototriggered Click Chemistry. Advanced Functional Materials, 2020, 30, 2001683.	7.8	29
68	Tailoring drug release profile of low-molecular-weight hydrogels by supramolecular co-assembly and thiolâ€“ene orthogonal coupling. Journal of Materials Chemistry, 2011, 21, 641-644.	6.7	28
69	Measurement of enantiomeric excess of amines by mass spectrometry following kinetic resolution with solid-phase chiral acylating agents. Tetrahedron Letters, 2001, 42, 2617-2619.	0.7	27
70	Synergistic Computationalâ€Experimental Approach to Improve Ionene Polymerâ€Based Functional Hydrogels. Advanced Functional Materials, 2014, 24, 4893-4904.	7.8	27
71	On the Race for More Stretchable and Tough Hydrogels. Gels, 2019, 5, 24.	2.1	26
72	Spectroscopic Characterization of Azo Dyes Aggregation Induced by DABCO-Based Ionene Polymers and Dye Removal Efficiency as a Function of Ionene Structure. ACS Applied Materials & Interfaces, 2016, 8, 30908-30919.	4.0	25

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73	Stereoselective synthesis of syn-2,7-disubstituted-4,5-oxepenes. Tetrahedron, 2002, 58, 1913-1919.	1.0	24
74	Incorporation of 2,6-Di(4,4â€˜-dipyridyl)-9-thiabicyclo[3.3.1]nonane into Discrete 2D Supramolecules via Coordination-Driven Self-Assembly. Journal of Organic Chemistry, 2006, 71, 6644-6647.	1.7	24
75	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
76	Niosomes encapsulated in biohydrogels for tunable delivery of phytoalexin resveratrol. RSC Advances, 2019, 9, 7601-7609.	1.7	24
77	Câ€“C Bond formation catalyzed by natural gelatin and collagen proteins. Beilstein Journal of Organic Chemistry, 2013, 9, 1111-1118.	1.3	23
78	CO2(CO)8-Assisted synthesis of propargylic unsymmetrical ethers by reaction of alcohols with propargylic alcohols. Tetrahedron Letters, 2000, 41, 9993-9996.	0.7	22
79	Hunter's Oligoamide: A FunctionalC2-Symmetric Molecule with Unusual Topology for Selective Organic Gel Formation. European Journal of Organic Chemistry, 2007, 2007, 1841-1845.	1.2	22
80	Wetâ€Chemical Etching of GaN: Underlying Mechanism of a Key Step in Blue and White LED Production. ChemistrySelect, 2018, 3, 1480-1494.	0.7	22
81	Air-Sensitive Photoredox Catalysis Performed under Aerobic Conditions in Gel Networks. Journal of Organic Chemistry, 2018, 83, 7928-7938.	1.7	22
82	Formamidine Ureas as Tunable Electrophiles. Chemistry - A European Journal, 2004, 10, 303-309.	1.7	21
83	Expanded Chemistry of Formamidine Ureas. Organic Letters, 2004, 6, 43-46.	2.4	21
84	Interplaying anions in a supramolecular metallohydrogel to form metal organic frameworks. Chemical Communications, 2017, 53, 3705-3708.	2.2	20
85	Inheritance of resistance to Mal de RÃo Cuarto (MRC) disease in Zea mays (L.). Journal of Agricultural Science, 2002, 139, 47-53.	0.6	19
86	Antimicrobial and Hemolytic Studies of a Series of Polycations Bearing Quaternary Ammonium Moieties: Structural and Topological Effects. International Journal of Molecular Sciences, 2017, 18, 303.	1.8	19
87	Self-Organization of Electroactive Suspensions in Discharging Slurry Batteries: A Mesoscale Modeling Investigation. ACS Applied Materials & Interfaces, 2017, 9, 17882-17889.	4.0	17
88	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
89	Understanding hydrogelation processes through molecular dynamics. Journal of Materials Chemistry B, 2019, 7, 1652-1673.	2.9	17
90	First Practical Synthesis of Formamidine Ureas and Derivatives. Organic Letters, 2003, 5, 1531-1533.	2.4	16

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91	Investigation of Câ€“C Bond Formation Mediated by Bombyx mori Silk Fibroin Materials. ACS Sustainable Chemistry and Engineering, 2014, 2, 1510-1517.	3.2	16
92	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
93	Augmenting virtual environments: the influence of spatial ability on learning from integrated displays. High Ability Studies, 2003, 14, 191-212.	1.0	15
94	[1,3]-Transfer of Chirality during the Nicholas Reaction in Î³-Benzyloxy Propargylic Alcohols. Chemistry - A European Journal, 2006, 12, 2593-2606.	1.7	15
95	Physicochemical characterization of octakis(alkyloxy)-substituted Zn(ii)-phthalocyanines non-covalently incorporated into an organogel and their remarkable morphological effect on the nanoscale-fibers. Chemical Communications, 2007, , 2369-2371.	2.2	15
96	Unsymmetrically functionalized phthalocyanines as versatile platforms for the preparation of molecular materials. Journal of Porphyrins and Phthalocyanines, 2009, 13, 397-407.	0.4	15
97	Neuroendocrine Tumor of the Pancreas in a Patient With Tuberous Sclerosis. International Journal of Surgical Pathology, 2012, 20, 390-395.	0.4	15
98	Improved Metalâ€Adhesive Polymers from Copper(I)â€Catalyzed Azideâ€“Alkyne Cycloaddition. Chemistry - A European Journal, 2014, 20, 10710-10719.	1.7	15
99	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
100	Graphene-based hybrid materials as promising scaffolds for peripheral nerve regeneration. Neurochemistry International, 2021, 147, 105005.	1.9	15
101	Aromatic ionene topology and counterion-tuned gelation of acidic aqueous solutions. Soft Matter, 2017, 13, 3031-3041.	1.2	14
102	Antimicrobial activity of poly(3,4-ethylenedioxythiophene) n-doped with a pyridinium-containing polyelectrolyte. Soft Matter, 2019, 15, 7695-7703.	1.2	14
103	Mucin-Grafted Polyethylene Glycol Microparticles Enable Oral Insulin Delivery for Improving Diabetic Treatment. Applied Sciences (Switzerland), 2020, 10, 2649.	1.3	14
104	2,6-Dichloro-9-thiabicyclo[3.3.1]nonane: Multigram Display of Azide and Cyanide Components on a Versatile Scaffold. Molecules, 2006, 11, 212-218.	1.7	13
105	Transformation of rigid metalâ€“organic frameworks into flexible gel networks and vice versa. CrystEngComm, 2015, 17, 7978-7985.	1.3	13
106	Biostimulant Nanoencapsulation: The New Keystone To Fight Hunger. Journal of Agricultural and Food Chemistry, 2020, 68, 7083-7085.	2.4	13
107	Enantioselective Synthesis of Alkyl-Branched Alkanes. Synthesis of the Stereoisomers of 7,11-Dimethylheptadecane and 7-Methylheptadecane, Components of the Pheromone ofLambdinaSpecies. Journal of Organic Chemistry, 2000, 65, 7896-7901.	1.7	12
108	Fluoride Anion Recognition by a Multifunctional Urea Derivative: An Experimental and Theoretical Study. Sensors, 2016, 16, 658.	2.1	12

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109	Nioplexes encapsulated in supramolecular hybrid biohydrogels as versatile delivery platforms for nucleic acids. RSC Advances, 2016, 6, 39688-39699.	1.7	12
110	Cationic nioplexes-in-polysaccharide-based hydrogels as versatile biodegradable hybrid materials to deliver nucleic acids. Journal of Materials Chemistry B, 2017, 5, 7756-7767.	2.9	12
111	Cationic Polymers Bearing Quaternary Ammonium Groups-Catalyzed CO2 Fixation with Epoxides. Topics in Catalysis, 2018, 61, 1545-1550.	1.3	12
112	Stereocontrolled synthesis of 1-acetylen-2,3-di-o-benzyl-tetrahydrofurans, 1,4-anhydro-arabinitol, and Î±,Î²-dihydroxy-Î³-alkyl-butyrolactones. Chirality, 2003, 15, 148-155.	1.3	11
113	Modular synthesis of formamidines and their formation of stable organogels. Chemical Communications, 2004, , 2514-2516.	2.2	11
114	Keratin Protein-Catalyzed Nitroaldol (Henry) Reaction and Comparison with Other Biopolymers. Molecules, 2016, 21, 1122.	1.7	11
115	Aerobic Visible-Light-Driven Borylation of Heteroarenes in a Gel Nanoreactor. Organic Letters, 2021, 23, 2320-2325.	2.4	11
116	Recyclable, Immobilized Transitionâ€Metal Photocatalysts. Advanced Synthesis and Catalysis, 2022, 364, 2-17.	2.1	11
117	The Nicholas Reaction: A Powerful Tool for the Stereoselective Synthesis of Bioactive Compounds. Synlett, 2007, 2007, 0343-0359.	1.0	10
118	An experimental and theoretical comparative study of the entrapment and release of dexamethasone from micellar and vesicular aggregates of PAMAM-PCL dendrimers. European Polymer Journal, 2017, 93, 507-520.	2.6	10
119	Molecular dynamics simulations on self-healing behavior of ionene polymer-based nanostructured hydrogels. Polymer, 2020, 211, 123072.	1.8	10
120	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
121	Highly efficient latent fingerprint detection by eight-dansyl-functionalized octasilsesquioxane nanohybrids. Dyes and Pigments, 2021, 184, 108841.	2.0	10
122	Substituent Effects on the Gas-Phase Basicity of Formamidine Ureas. European Journal of Organic Chemistry, 2006, 2006, 235-240.	1.2	9
123	DNA-Catalyzed Henry Reaction in Pure Water and the Striking Influence of Organic Buffer Systems. Molecules, 2015, 20, 4136-4147.	1.7	9
124	Non-invasive and continuous monitoring of the solâ€“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
125	Cationic ionene as an n-dopant agent of poly(3,4-ethylenedioxythiophene). Physical Chemistry Chemical Physics, 2018, 20, 9855-9864.	1.3	9
126	Expanding the limits of amideâ€“triazole isosteric substitution in bisamide-based physical gels. RSC Advances, 2019, 9, 20841-20851.	1.7	9

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127	Resultados preliminares del estudio ADENI-UCI: anÃ¡lisis de las decisiones de no ingreso en unidades de cuidados intensivos como medida de limitaciÃ³n de los tratamientos de soporte vital; estudio multicÃ©ntrico, prospectivo y observacional. Medicina Intensiva, 2019, 43, 317-319.	0.4	9
128	Highly selective metallogel from 4-biphenylcarboxy capped diphenylalanine and FeCl₃. CrystEngComm, 2019, 21, 4289-4297.	1.3	9
129	Polymer topology-controlled self-healing properties of polyelectrolyte hydrogels based on DABCO-containing aromatic ionenes. European Polymer Journal, 2019, 115, 221-224.	2.6	9
130	Anisotropy and Mechanistic Elucidation of Wetâ€Chemical Gallium Nitride Etching at the Atomic Level. Physica Status Solidi (A) Applications and Materials Science, 2020, 217, 2000221.	0.8	9
131	Methionine-based carbon monoxide releasing polymer for the prevention of biofilm formation. Polymer Chemistry, 2021, 12, 3968-3975.	1.9	9
132	Non-enzyme entrapping biohydrogels in catalysis. Tetrahedron Letters, 2018, 59, 3293-3306.	0.7	8
133	Isomeric cationic ionenes as n-dopant agents of poly(3,4-ethylenedioxythiophene) for in situ gelation. Soft Matter, 2018, 14, 6374-6385.	1.2	8
134	Optical and electronic activities of biobased films of chitosan/POTE containing gold nanoparticles: Experimental and theoretical analyses. European Polymer Journal, 2018, 108, 235-249.	2.6	8
135	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
136	Optical, morphological and photocatalytic properties of biobased tractable films of chitosan/donor-acceptor polymer blends. Carbohydrate Polymers, 2020, 249, 116822.	5.1	8
137	Effect of Reaction Media on Photosensitized [2+2]â€Cycloaddition of Cinnamates. ChemistryOpen, 2020, 9, 649-656.	0.9	8
138	Transfection of Antisense Oligonucleotides Mediated by Cationic Vesicles Based on Non-Ionic Surfactant and Polycations Bearing Quaternary Ammonium Moieties. International Journal of Molecular Sciences, 2017, 18, 1139.	1.8	7
139	A pHâ€Triggered Polymer Degradation or Drug Delivery System by Lightâ€Mediated Cis / Trans Isomerization of o â€Hydroxy Cinnamates. Macromolecular Rapid Communications, 2021, 42, 2100213.	2.0	7
140	Highly Efficient Production of Heteroarene Phosphonates by Dichromatic Photoredox Catalysis. ACS Applied Materials & Interfaces, 2021, 13, 48784-48794.	4.0	7
141	Palladium-Catalyzed Homocoupling of Arylboronic Acids and Esters Using Fluoride in Aqueous Solvents. Synlett, 2004, 2004, 2351-2354.	1.0	6
142	Acid-Mediated Highly Regioselective Oxidation of Substituted Furans: A Simple and Direct Entry to Substituted Butenolides. Synlett, 2005, 2005, 1575-1578.	1.0	6
143	Fine-Tuning the Morphology of Self-Assembled Nanostructures of Propargyl Ammonium-Based Amphiphiles. Journal of Physical Chemistry B, 2010, 114, 12495-12500.	1.2	6
144	Î±-Alkyl cysteine-coated gold nanoparticles: effect of CÎ±-tetrasubstitution on colloidal stability. Journal of Nanoparticle Research, 2014, 16, 1.	0.8	6

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145	Gelatin Proteinâ€Mediated Direct Aldol Reaction. Helvetica Chimica Acta, 2014, 97, 574-580.	1.0	6
146	Click Chemistry in Materials Synthesis: The Beginning. Macromolecular Symposia, 2015, 358, 10-20.	0.4	6
147	Phaseâ€Transfer Catalysis with Ionene Polymers. ChemistrySelect, 2016, 1, 4030-4033.	0.7	6
148	Glassâ€“Metal Adhesive Polymers from Copper(I)â€Catalyzed Azideâ€“Alkyne Cycloaddition. Macromolecular Chemistry and Physics, 2017, 218, 1600579.	1.1	6
149	Isosteric Substitution of 4H-1,2,4-Triazole by 1H-1,2,3-Triazole in Isophthalic Derivative Enabled Hydrogel Formation for Controlled Drug Delivery. Molecular Pharmaceutics, 2018, 15, 2963-2972.	2.3	6
150	Urea Activation by an External BrÃ¸nsted Acid: Breaking Self-Association and Tuning Catalytic Performance. Catalysts, 2018, 8, 305.	1.6	6
151	Synthesis and supramolecular self-assembly of glutamic acid-based squaramides. Beilstein Journal of Organic Chemistry, 2018, 14, 2065-2073.	1.3	6
152	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
153	Biomass-derived isosorbide-based thermoresponsive hydrogel for drug delivery. Soft Matter, 2022, 18, 4963-4972.	1.2	6
154	Bis(formamidineâ€“urea) Complexes of NiII and CuII:Synthesis, Characterization, and Reactivity. European Journal of Inorganic Chemistry, 2006, 2006, 4489-4493.	1.0	5
155	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
156	Catalytic Macroporous Biohydrogels Made of Ferritinâ€Encapsulated Gold Nanoparticles. ChemPlusChem, 2017, 82, 225-232.	1.3	5
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