

David Daz Daz

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198
papers

6,758
citations

40
h-index

77
g-index

212
ext. papers

7,524
ext. citations

5.4
avg, IF

6.27
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 198 | Click chemistry in materials synthesis. 1. Adhesive polymers from copper-catalyzed azide-alkyne cycloaddition. <i>Journal of Polymer Science Part A</i> , 2004 , 42, 4392-4403 | 2.5 | 369 |
| 197 | Targeted Drug Delivery in Covalent Organic Nanosheets (CONs) via Sequential Postsynthetic Modification. <i>Journal of the American Chemical Society</i> , 2017 , 139, 4513-4520 | 16.4 | 349 |
| 196 | Stimuli-responsive gels as reaction vessels and reusable catalysts. <i>Chemical Society Reviews</i> , 2011 , 40, 427-48 | 58.5 | 342 |
| 195 | Ligand-accelerated Cu-catalyzed azide-alkyne cycloaddition: a mechanistic report. <i>Journal of the American Chemical Society</i> , 2007 , 129, 12705-12 | 16.4 | 341 |
| 194 | Facile decoration of functionalized single-wall carbon nanotubes with phthalocyanines via "click chemistry". <i>Journal of the American Chemical Society</i> , 2008 , 130, 11503-9 | 16.4 | 269 |
| 193 | Highly stable covalent organic framework-Au nanoparticles hybrids for enhanced activity for nitrophenol reduction. <i>Chemical Communications</i> , 2014 , 50, 3169-72 | 5.8 | 263 |
| 192 | Synthesis of degradable model networks via ATRP and click chemistry. <i>Journal of the American Chemical Society</i> , 2006 , 128, 6564-5 | 16.4 | 203 |
| 191 | Mechanical downsizing of a gadolinium(III)-based metal-organic framework for anticancer drug delivery. <i>Chemistry - A European Journal</i> , 2014 , 20, 10514-8 | 4.8 | 185 |
| 190 | Homogeneous photochemical water oxidation by biuret-modified Fe-TAML: evidence of Fe(V)(O) intermediate. <i>Journal of the American Chemical Society</i> , 2014 , 136, 12273-82 | 16.4 | 165 |
| 189 | Multifunctional and robust covalent organic framework-nanoparticle hybrids. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 7944-7952 | 13 | 158 |
| 188 | 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, 15961-5 | 4.8 | 155 |
| 187 | "Click" chemistry in a supramolecular environment: stabilization of organogels by copper(I)-catalyzed azide-alkyne [3 + 2] cycloaddition. <i>Journal of the American Chemical Society</i> , 2006 , 128, 6056-7 | 16.4 | 128 |
| 186 | Recent Uses of Iron (III) Chloride in Organic Synthesis. <i>Current Organic Chemistry</i> , 2006 , 10, 457-476 | 1.7 | 111 |
| 185 | Release of small bioactive molecules from physical gels. <i>Chemical Society Reviews</i> , 2018 , 47, 1484-1515 | 58.5 | 110 |
| 184 | Boronic acid-modified alginate enables direct formation of injectable, self-healing and multistimuli-responsive hydrogels. <i>Chemical Communications</i> , 2017 , 53, 3350-3353 | 5.8 | 105 |
| 183 | Supramolecular Metallogel That Imparts Self-Healing Properties to Other Gel Networks. <i>Chemistry of Materials</i> , 2016 , 28, 3210-3217 | 9.6 | 102 |
| 182 | Iron(III)-catalyzed Prins-type cyclization using homopropargylic alcohol: a method for the synthesis of 2-alkyl-4-halo-5,6-dihydro-2H-pyrans. <i>Organic Letters</i> , 2003 , 5, 1979-82 | 6.2 | 97 |

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| 181 | Biodegradable liposome-encapsulated hydrogels for biomedical applications: a marriage of convenience. <i>Biomaterials Science</i> , 2016 , 4, 555-74 | 7.4 | 96 |
| 180 | Click chemistry in materials synthesis. III. Metal-adhesive polymers from Cu(I)-catalyzed azide-alkyne cycloaddition. <i>Journal of Polymer Science Part A</i> , 2007 , 45, 5182-5189 | 2.5 | 92 |
| 179 | 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 | 10 | 91 |
| 178 | Fe(III) halides as effective catalysts in carbon-carbon bond formation: synthesis of 1,5-dihalo-1,4-dienes, alpha,beta-unsaturated ketones, and cyclic ethers. <i>Journal of Organic Chemistry</i> , 2005 , 70, 57-62 | 4.2 | 84 |
| 177 | Amino acid-based multiresponsive low-molecular weight metallohydrogels with load-bearing and rapid self-healing abilities. <i>Chemical Communications</i> , 2014 , 50, 3004-6 | 5.8 | 83 |
| 176 | Towards sustainable solid-state supercapacitors: electroactive conducting polymers combined with biohydrogels. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 1792-1805 | 13 | 79 |
| 175 | Subphthalocyanines as narrow band red-light emitting materials. <i>Tetrahedron Letters</i> , 2007 , 48, 4657-4660 | | 77 |
| 174 | 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, 9464-70 | 16.4 | 70 |
| 173 | Fine-tuning the balance between crystallization and gelation and enhancement of CO ₂ uptake on functionalized calcium based MOFs and metallohydrogels. <i>Journal of Materials Chemistry</i> , 2012 , 22, 14951 | | 68 |
| 172 | Intragel photoreduction of aryl halides by green-to-blue upconversion under aerobic conditions. <i>Chemical Communications</i> , 2015 , 51, 16848-51 | 5.8 | 66 |
| 171 | Supramolecular metallohydrogels with bulk self-healing properties prepared by in situ metal complexation. <i>Chemical Communications</i> , 2016 , 52, 13068-13081 | 5.8 | 66 |
| 170 | Proton-conducting supramolecular metallohydrogels from the lowest molecular weight assembler ligand: a quote for simplicity. <i>Chemistry - A European Journal</i> , 2013 , 19, 9562-8 | 4.8 | 62 |
| 169 | Multistimuli-responsive supramolecular organogels formed by low-molecular-weight peptides bearing side-chain azobenzene moieties. <i>Chemistry - A European Journal</i> , 2013 , 19, 8861-74 | 4.8 | 62 |
| 168 | Current status and challenges of biohydrogels for applications as supercapacitors and secondary batteries. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 8952-8968 | 13 | 62 |
| 167 | Hydrolytic conversion of a metal-organic polyhedron into a metal-organic framework. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 13755-9 | 16.4 | 60 |
| 166 | Strength enhancement of nanostructured organogels through inclusion of phthalocyanine-containing complementary organogelator structures and in situ cross-linking by click chemistry. <i>Chemistry - A European Journal</i> , 2008 , 14, 9261-73 | 4.8 | 58 |
| 165 | Self-healing alginate-gelatin biohydrogels based on dynamic covalent chemistry: elucidation of key parameters. <i>Materials Chemistry Frontiers</i> , 2017 , 1, 73-79 | 7.8 | 57 |
| 164 | Evaluation of the nitroaldol reaction in the presence of metal ion-crosslinked alginates. <i>New Journal of Chemistry</i> , 2015 , 39, 2306-2315 | 3.6 | 55 |

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| 163 | Phenylalanine and derivatives as versatile low-molecular-weight gelators: design, structure and tailored function. <i>Biomaterials Science</i> , 2017 , 6, 38-59 | 7.4 | 50 |
| 162 | Exploiting molecular self-assembly: from urea-based organocatalysts to multifunctional supramolecular gels. <i>Chemistry - A European Journal</i> , 2014 , 20, 10720-31 | 4.8 | 45 |
| 161 | Metal-organic frameworks (MOFs) bring new life to hydrogen-bonding organocatalysts in confined spaces. <i>CrystEngComm</i> , 2016 , 18, 3985-3995 | 3.3 | 42 |
| 160 | Competition between gelation and crystallisation of a peculiar multicomponent liquid system based on ammonium salts. <i>Soft Matter</i> , 2012 , 8, 3446 | 3.6 | 41 |
| 159 | Cationic Niosomes as Non-Viral Vehicles for Nucleic Acids: Challenges and Opportunities in Gene Delivery. <i>Pharmaceutics</i> , 2019 , 11, | 6.4 | 40 |
| 158 | Amide-triazole isosteric substitution for tuning self-assembly and incorporating new functions into soft supramolecular materials. <i>Chemical Communications</i> , 2015 , 51, 5294-7 | 5.8 | 40 |
| 157 | Magnetic Gel Composites for Hyperthermia Cancer Therapy. <i>Gels</i> , 2015 , 1, 135-161 | 4.2 | 38 |
| 156 | Insulin-loaded mucoadhesive nanoparticles based on mucin-chitosan complexes for oral delivery and diabetes treatment. <i>Carbohydrate Polymers</i> , 2020 , 229, 115506 | 10.3 | 38 |
| 155 | Polymer thermoreversible gels from organogelators enabled by click chemistry. <i>Tetrahedron Letters</i> , 2008 , 49, 1340-1343 | 2 | 37 |
| 154 | Alkynyl-substituted phthalocyanines: versatile building blocks for molecular materials synthesis. <i>Journal of Porphyrins and Phthalocyanines</i> , 2006 , 10, 1083-1100 | 1.8 | 37 |
| 153 | Dissolvable metallohydrogels for controlled release: evidence of a kinetic supramolecular gel phase intermediate. <i>Chemical Communications</i> , 2014 , 50, 7032-5 | 5.8 | 36 |
| 152 | Study of high glass transition temperature thermosets made from the copper(I)-catalyzed azide-alkyne cycloaddition reaction. <i>Polymer</i> , 2007 , 48, 239-244 | 3.9 | 35 |
| 151 | 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 | 13 | 33 |
| 150 | Envelope Amplifier Based on Switching Capacitors for High-Efficiency RF Amplifiers. <i>IEEE Transactions on Power Electronics</i> , 2012 , 27, 1359-1368 | 7.2 | 32 |
| 149 | Dipolar Glass Polymers Containing Polarizable Groups as Dielectric Materials for Energy Storage Applications. A Minireview. <i>Polymers</i> , 2019 , 11, | 4.5 | 31 |
| 148 | Self-assembled fibrillar networks of a multifaceted chiral squaramide: supramolecular multistimuli-responsive algogels. <i>Soft Matter</i> , 2016 , 12, 4361-74 | 3.6 | 31 |
| 147 | The Prospect of Photochemical Reactions in Confined Gel Media. <i>Accounts of Chemical Research</i> , 2019 , 52, 1865-1876 | 24.3 | 29 |
| 146 | Supramolecular phase-selective gelation by peptides bearing side-chain azobenzenes: effect of ultrasound and potential for dye removal and oil spill remediation. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 11766-84 | 6.3 | 29 |

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| 145 | Tailoring drug release profile of low-molecular-weight hydrogels by supramolecular co-assembly and thiol-ene orthogonal coupling. <i>Journal of Materials Chemistry</i> , 2011 , 21, 641-644 | | 28 |
| 144 | Instantaneous low temperature gelation by a multicomponent organogelator liquid system based on ammonium salts. <i>Journal of the American Chemical Society</i> , 2008 , 130, 7967-73 | 16.4 | 27 |
| 143 | Gadolinium(III)-Based Porous Luminescent Metal-Organic Frameworks for Bimodal Imaging. <i>ChemPlusChem</i> , 2016 , 81, 728-732 | 2.8 | 27 |
| 142 | Photophysical and photochemical processes in 3D self-assembled gels as confined microenvironments. <i>Soft Matter</i> , 2015 , 11, 5180-7 | 3.6 | 26 |
| 141 | Hydrolytic Conversion of a Metal-Organic Polyhedron into a Metal-Organic Framework. <i>Angewandte Chemie</i> , 2013 , 125, 14000-14004 | 3.6 | 26 |
| 140 | Regulatory parameters of self-healing alginate hydrogel networks prepared via mussel-inspired dynamic chemistry. <i>New Journal of Chemistry</i> , 2016 , 40, 8493-8501 | 3.6 | 26 |
| 139 | Paradigm Shift for Preparing Versatile M-Free Gels from Unmodified Sodium Alginate. <i>Biomacromolecules</i> , 2017 , 18, 2967-2979 | 6.9 | 25 |
| 138 | Synergistic Computational-Experimental Approach to Improve Ionene Polymer-Based Functional Hydrogels. <i>Advanced Functional Materials</i> , 2014 , 24, 4893-4904 | 15.6 | 25 |
| 137 | Protective Coatings for Aluminum Alloy Based on Hyperbranched 1,4-Polytriazoles. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 4231-4243 | 9.5 | 24 |
| 136 | Measurement of enantiomeric excess of amines by mass spectrometry following kinetic resolution with solid-phase chiral acylating agents. <i>Tetrahedron Letters</i> , 2001 , 42, 2617-2619 | 2 | 24 |
| 135 | Recent Strategies in Resveratrol Delivery Systems. <i>ChemPlusChem</i> , 2019 , 84, 951-973 | 2.8 | 23 |
| 134 | Microsatellite markers linked to QTL for resistance to Mal de R  Cuarto disease in Zea mays L.. <i>Journal of Agricultural Science</i> , 2004 , 142, 289-295 | 1 | 23 |
| 133 | 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 & Interfaces</i> , 2016 , 8, 30908-30919 | 9.5 | 22 |
| 132 | C-C Bond formation catalyzed by natural gelatin and collagen proteins. <i>Beilstein Journal of Organic Chemistry</i> , 2013 , 9, 1111-8 | 2.5 | 22 |
| 131 | Incorporation of 2,6-di(4,4'-dipyridyl)-9-thiabicyclo[3.3.1]nonane into discrete 2D supramolecules via coordination-driven self-assembly. <i>Journal of Organic Chemistry</i> , 2006 , 71, 6644-7 | 4.2 | 22 |
| 130 | Schwannoma of the submandibular gland. <i>Head and Neck</i> , 1991 , 13, 239-42 | 4.2 | 22 |
| 129 | 3D Printed Polymeric Hydrogels for Nerve Regeneration. <i>Polymers</i> , 2018 , 10, | 4.5 | 22 |
| 128 | Hunter's Oligoamide: A Functional C2-Symmetric Molecule with Unusual Topology for Selective Organic Gel Formation. <i>European Journal of Organic Chemistry</i> , 2007 , 2007, 1841-1845 | 3.2 | 21 |

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| 127 | Stereoselective synthesis of syn-2,7-disubstituted-4,5-oxepenes. <i>Tetrahedron</i> , 2002 , 58, 1913-1919 | 2.4 | 21 |
| 126 | Advanced Functional Hydrogel Biomaterials Based on Dynamic B-O Bonds and Polysaccharide Building Blocks. <i>Biomacromolecules</i> , 2020 , 21, 3984-3996 | 6.9 | 21 |
| 125 | Interplaying anions in a supramolecular metallohydrogel to form metal organic frameworks. <i>Chemical Communications</i> , 2017 , 53, 3705-3708 | 5.8 | 20 |
| 124 | Formamidine ureas as tunable electrophiles. <i>Chemistry - A European Journal</i> , 2004 , 10, 303-9 | 4.8 | 20 |
| 123 | Alginate Hydrogels as Scaffolds and Delivery Systems to Repair the Damaged Spinal Cord. <i>Biotechnology Journal</i> , 2019 , 14, e1900275 | 5.6 | 19 |
| 122 | Expanded chemistry of formamidine ureas. <i>Organic Letters</i> , 2004 , 6, 43-6 | 6.2 | 19 |
| 121 | CO ₂ (CO) ₈ -Assisted synthesis of propargylic unsymmetrical ethers by reaction of alcohols with propargylic alcohols. <i>Tetrahedron Letters</i> , 2000 , 41, 9993-9996 | 2 | 19 |
| 120 | Air-Sensitive Photoredox Catalysis Performed under Aerobic Conditions in Gel Networks. <i>Journal of Organic Chemistry</i> , 2018 , 83, 7928-7938 | 4.2 | 19 |
| 119 | In situ preparation of film and hydrogel bio-nanocomposites of chitosan/fluorescein-copper with catalytic activity. <i>Carbohydrate Polymers</i> , 2018 , 180, 200-208 | 10.3 | 18 |
| 118 | On the Race for More Stretchable and Tough Hydrogels. <i>Gels</i> , 2019 , 5, | 4.2 | 16 |
| 117 | Niosomes encapsulated in biohydrogels for tunable delivery of phytoalexin resveratrol.. <i>RSC Advances</i> , 2019 , 9, 7601-7609 | 3.7 | 16 |
| 116 | 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, | 6.3 | 16 |
| 115 | Wet-Chemical Etching of GaN: Underlying Mechanism of a Key Step in Blue and White LED Production. <i>ChemistrySelect</i> , 2018 , 3, 1480-1494 | 1.8 | 15 |
| 114 | Aromatic ionene topology and counterion-tuned gelation of acidic aqueous solutions. <i>Soft Matter</i> , 2017 , 13, 3031-3041 | 3.6 | 14 |
| 113 | Thermoresponsive Shape-Memory Hydrogel Actuators Made by Phototriggered Click Chemistry. <i>Advanced Functional Materials</i> , 2020 , 30, 2001683 | 15.6 | 14 |
| 112 | Physicochemical characterization of octakis(alkyloxy)-substituted Zn(II)-phthalocyanines non-covalently incorporated into an organogel and their remarkable morphological effect on the nanoscale-fibers. <i>Chemical Communications</i> , 2007 , 2369-71 | 5.8 | 14 |
| 111 | First practical synthesis of formamidine ureas and derivatives. <i>Organic Letters</i> , 2003 , 5, 1531-3 | 6.2 | 14 |
| 110 | Self-Organization of Electroactive Suspensions in Discharging Slurry Batteries: A Mesoscale Modeling Investigation. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 17882-17889 | 9.5 | 13 |

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| 109 | Improved metal-adhesive polymers from copper(I)-catalyzed azide-alkyne cycloaddition. <i>Chemistry - A European Journal</i> , 2014 , 20, 10710-9 | 4.8 | 13 |
| 108 | Investigation of C≡N Bond Formation Mediated by Bombyx mori Silk Fibroin Materials. <i>ACS Sustainable Chemistry and Engineering</i> , 2014 , 2, 1510-1517 | 8.3 | 13 |
| 107 | Unsymmetrically functionalized phthalocyanines as versatile platforms for the preparation of molecular materials. <i>Journal of Porphyrins and Phthalocyanines</i> , 2009 , 13, 397-407 | 1.8 | 13 |
| 106 | Augmenting virtual environments: the influence of spatial ability on learning from integrated displays. <i>High Ability Studies</i> , 2003 , 14, 191-212 | 1.3 | 13 |
| 105 | Inheritance of resistance to Mal de R  Cuarto (MRC) disease in Zea mays (L.). <i>Journal of Agricultural Science</i> , 2002 , 139, 47-53 | 1 | 13 |
| 104 | Novel 3D copper nanoparticles/chitosan/nanoporous alumina (CCSA) membranes with catalytic activity. Characterization and performance in the reduction of methylene blue. <i>Journal of Cleaner Production</i> , 2019 , 210, 811-820 | 10.3 | 13 |
| 103 | Chiral supramolecular nanoparticles: The study of chiral surface modification of silver nanoparticles by cysteine and its derivatives. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015 , 470, 142-148 | 5.1 | 12 |
| 102 | Neuroendocrine tumor of the pancreas in a patient with tuberous sclerosis: a case report and review of the literature. <i>International Journal of Surgical Pathology</i> , 2012 , 20, 390-5 | 1.2 | 12 |
| 101 | Tradeoffs in Timber, Carbon, and Cash Flow under Alternative Management Systems for Douglas-Fir in the Pacific Northwest. <i>Forests</i> , 2018 , 9, 447 | 2.8 | 11 |
| 100 | Transformation of rigid metal-organic frameworks into flexible gel networks and vice versa. <i>CrystEngComm</i> , 2015 , 17, 7978-7985 | 3.3 | 10 |
| 99 | 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 | 7.3 | 10 |
| 98 | [1,3]-Transfer of chirality during the Nicholas reaction in gamma-benzyloxy propargylic alcohols. <i>Chemistry - A European Journal</i> , 2006 , 12, 2593-606 | 4.8 | 10 |
| 97 | Modular synthesis of formamidines and their formation of stable organogels. <i>Chemical Communications</i> , 2004 , 2514-6 | 5.8 | 10 |
| 96 | Nioplexes encapsulated in supramolecular hybrid biohydrogels as versatile delivery platforms for nucleic acids. <i>RSC Advances</i> , 2016 , 6, 39688-39699 | 3.7 | 10 |
| 95 | Antimicrobial activity of poly(3,4-ethylenedioxythiophene) n-doped with a pyridinium-containing polyelectrolyte. <i>Soft Matter</i> , 2019 , 15, 7695-7703 | 3.6 | 9 |
| 94 | Understanding hydrogelation processes through molecular dynamics. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 1652-1673 | 7.3 | 9 |
| 93 | Recent applications of biphotonic processes in organic synthesis. <i>Organic Chemistry Frontiers</i> , 2020 , 7, 1709-1716 | 5.2 | 9 |
| 92 | Cationic Polymers Bearing Quaternary Ammonium Groups-Catalyzed CO2 Fixation with Epoxides. <i>Topics in Catalysis</i> , 2018 , 61, 1545-1550 | 2.3 | 9 |

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| 91 | The Nicholas Reaction: A Powerful Tool for the Stereoselective Synthesis of Bioactive Compounds. <i>Synlett</i> , 2007 , 2007, 0343-0359 | 2.2 | 9 |
| 90 | 2,6-Dichloro-9-thiabicyclo[3.3.1]nonane: multigram display of azide and cyanide components on a versatile scaffold. <i>Molecules</i> , 2006 , 11, 212-8 | 4.8 | 9 |
| 89 | Stereocontrolled synthesis of 1-acetylen-2,3-di-o-benzyl-tetrahydrofurans, 1,4-anhydro-arabinitol, and alpha,beta-dihydroxy-gamma-alkyl-butyrolactones. <i>Chirality</i> , 2003 , 15, 148-55 | 2.1 | 9 |
| 88 | Enantioselective synthesis of alkyl-branched alkanes. Synthesis Of the stereoisomers of 7,11-dimethylheptadecane and 7-methylheptadecane, components of the pheromone of lambda-dina species. <i>Journal of Organic Chemistry</i> , 2000 , 65, 7896-901 | 4.2 | 9 |
| 87 | Fluoride Anion Recognition by a Multifunctional Urea Derivative: An Experimental and Theoretical Study. <i>Sensors</i> , 2016 , 16, | 3.8 | 9 |
| 86 | Polymer topology-controlled self-healing properties of polyelectrolyte hydrogels based on DABCO-containing aromatic ionenes. <i>European Polymer Journal</i> , 2019 , 115, 221-224 | 5.2 | 8 |
| 85 | Non-invasive and continuous monitoring of the sol-gel phase transition of supramolecular gels using a fast (open-ended coaxial) microwave sensor. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 6212-6 | 3.6 | 8 |
| 84 | Isomeric cationic ionenes as n-dopant agents of poly(3,4-ethylenedioxythiophene) for in situ gelation. <i>Soft Matter</i> , 2018 , 14, 6374-6385 | 3.6 | 8 |
| 83 | Substituent Effects on the Gas-Phase Basicity of Formamidine Ureas. <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 235-240 | 3.2 | 8 |
| 82 | 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 | 5.2 | 7 |
| 81 | 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, | 6.3 | 7 |
| 80 | Non-enzyme entrapping biohydrogels in catalysis. <i>Tetrahedron Letters</i> , 2018 , 59, 3293-3306 | 2 | 7 |
| 79 | Expanding the limits of amide-triazole isosteric substitution in bisamide-based physical gels.. <i>RSC Advances</i> , 2019 , 9, 20841-20851 | 3.7 | 7 |
| 78 | DNA-catalyzed Henry reaction in pure water and the striking influence of organic buffer systems. <i>Molecules</i> , 2015 , 20, 4136-47 | 4.8 | 7 |
| 77 | Aerobic Visible-Light-Driven Borylation of Heteroarenes in a Gel Nanoreactor. <i>Organic Letters</i> , 2021 , 23, 2320-2325 | 6.2 | 7 |
| 76 | Keratin Protein-Catalyzed Nitroaldol (Henry) Reaction and Comparison with Other Biopolymers. <i>Molecules</i> , 2016 , 21, | 4.8 | 7 |
| 75 | Metal- and Oxidant-Free Photoinduced Aromatic Trifluoromethylation Performed in Aerated Gel Media: Determining the Effects on Yield and Selectivity. <i>Molecules</i> , 2018 , 24, | 4.8 | 7 |
| 74 | GlassMetal Adhesive Polymers from Copper(I)-Catalyzed AzideAlkyne Cycloaddition. <i>Macromolecular Chemistry and Physics</i> , 2017 , 218, 1600579 | 2.6 | 6 |

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| 73 | Preliminary results of the ADENI-ICU trial: Analysis of decisions of refuse admission in intensive care units as a limitation of life support treatments; multi-center, prospective, observational study. <i>Medicina Intensiva</i> , 2019 , 43, 317-319 | 1.2 | 6 |
| 72 | Biostimulant Nanoencapsulation: The New Keystone To Fight Hunger. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 7083-7085 | 5.7 | 6 |
| 71 | Cationic ionene as an n-dopant agent of poly(3,4-ethylenedioxythiophene). <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 9855-9864 | 3.6 | 6 |
| 70 | Phase-Transfer Catalysis with Ionene Polymers. <i>ChemistrySelect</i> , 2016 , 1, 4030-4033 | 1.8 | 6 |
| 69 | 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 | 5.2 | 6 |
| 68 | Gelatin Protein-Mediated Direct Aldol Reaction. <i>Helvetica Chimica Acta</i> , 2014 , 97, 574-580 | 2 | 6 |
| 67 | Click Chemistry in Materials Synthesis: The Beginning. <i>Macromolecular Symposia</i> , 2015 , 358, 10-20 | 0.8 | 6 |
| 66 | Fine-tuning the morphology of self-assembled nanostructures of propargyl ammonium-based amphiphiles. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 12495-500 | 3.4 | 6 |
| 65 | Palladium-Catalyzed Homocoupling of Arylboronic Acids and Esters Using Fluoride in Aqueous Solvents. <i>Synlett</i> , 2004 , 2004, 2351-2354 | 2.2 | 6 |
| 64 | Highly selective metallogel from 4-biphenylcarboxy capped diphenylalanine and FeCl ₃ . <i>CrystEngComm</i> , 2019 , 21, 4289-4297 | 3.3 | 5 |
| 63 | A DAC tartrate-based gelator system featuring markedly improved gelation properties: enhancing lifetime and functionality of gel networks. <i>CrystEngComm</i> , 2015 , 17, 8021-8030 | 3.3 | 5 |
| 62 | Effect of Reaction Media on Photosensitized [2+2]-Cycloaddition of Cinnamates. <i>ChemistryOpen</i> , 2020 , 9, 649-656 | 2.3 | 5 |
| 61 | Use of a pH-sensitive polymer in a microextraction and preconcentration method directly combined with high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2020 , 1619, 460910 | 4.5 | 5 |
| 60 | Isosteric Substitution of 4 H-1,2,4-Triazole by 1 H-1,2,3-Triazole in Isophthalic Derivative Enabled Hydrogel Formation for Controlled Drug Delivery. <i>Molecular Pharmaceutics</i> , 2018 , 15, 2963-2972 | 5.6 | 5 |
| 59 | Bis(formamidine-urea) Complexes of NiII and CuII: Synthesis, Characterization, and Reactivity. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 4489-4493 | 2.3 | 5 |
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