

# Aidar Gubaidullin

## 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.

393  
papers

2,878  
citations

23  
h-index

30  
g-index

461  
ext. papers

3,268  
ext. citations

1.9  
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4.95  
L-index

| #   | Paper  | IF  | Citations |
|-----|--|-----|-----------|
| 393 | Porous nickel and cobalt hexanuclear ring-like clusters built from two different kind of calixarene ligands [new molecular traps for small volatile molecules. <i>CrystEngComm</i> , <b>2022</b> , 24, 330-340   | 3.3 | 0         |
| 392 | Self-Assembling Metallocomplexes of the Amphiphilic 1,4-Diazabicyclo[2.2.2]octane Derivative as a Platform for the Development of Nonplatinum Anticancer Drugs.. <i>ACS Omega</i> , <b>2022</b> , 7, 3073-3082   | 3.9 | 2         |
| 391 | The two-step electrosynthesis of nanocomposites of Ag, Au, and Pd nanoparticles with iron(ii) oxide-hydroxide. <i>New Journal of Chemistry</i> , <b>2022</b> , 46, 2380-2392   | 3.6 | 0         |
| 390 | Polymorphism in a benzo[b][1,4]diazepine derivative: Crystal structure, phase behavior and selective influence of solvents. <i>Mendeleev Communications</i> , <b>2022</b> , 32, 274-277  | 1.9 | 0         |
| 389 | Synthesis and Crystal and Molecular Structures of 1,3-Di-p-tolyl-5-(5'-allyl 2'-ethoxybenzyl)-1,3,5-diazaphosphacyclohexane Complexes with Ni(II) and Pt(II) Salts. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2022</b> , 48, 189-194 | 1.6 |           |
| 388 | Complexes based on citrus pectin for delivery of tetracycline. <i>Russian Chemical Bulletin</i> , <b>2022</b> , 71, 549-556  |     |           |
| 387 | First representative of phosphorylated formic acid hydrazides with three P=O bonds: synthesis and addition to the phosphorylated 4-methylenequinones. <i>Russian Chemical Bulletin</i> , <b>2022</b> , 71, 457-463   | 1.7 |           |
| 386 | Electrochemical method for producing globules of ultrasmall rhodium nanoparticles with poly(N-vinylpyrrolidone) bound to the surface of nanocellulose fibers. <i>Russian Chemical Bulletin</i> , <b>2021</b> , 70, 1908-1916   | 1.7 |           |
| 385 | A SUPRAMOLECULAR STRUCTURE OF PHOSPHORYLATED N-PHENYL-1,2,4-TRIAZOLE- 3-THIONE AND ITS CRYSTAL SOLVATE. <i>Journal of Structural Chemistry</i> , <b>2021</b> , 62, 452-459   | 0.9 |           |
| 384 | Chirality, Gelation Ability and Crystal Structure: Together or Apart? Alkyl Phenyl Ethers of Glycerol as Simple LMWGs. <i>Symmetry</i> , <b>2021</b> , 13, 732   | 2.7 | 1         |
| 383 | Conformational Behavior of N1-(Diphenylphosphoryl)acetyl-N4-phenyl-thiosemicarbazide in Various Crystal Environments. <i>Crystallography Reports</i> , <b>2021</b> , 66, 433-440   | 0.6 | 0         |
| 382 | Crystal Landscape of Chiral Drug Chlorphenesin and Its Structural Analogues: Polymorphism of Racemic and Enantiopure Samples, Metastable and Stable Racemic Conglomerates, Diverse in Unity Crystal Motifs. <i>Crystal Growth and Design</i> , <b>2021</b> , 21, 3211-3224 | 3.5 | 0         |
| 381 | The construction of supramolecular and hybrid Ag-AgCl nanoparticles with photodynamic therapy action on the base of tetraundecyl[4]resorcinarene-mPEG conjugate. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 619, 126524       | 5.1 | 0         |
| 380 | Characterization of hexagonal lyotropic liquid crystal microstructure: Effects of vitamin E molecules. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 620, 126570   | 5.1 | 2         |
| 379 | Mediated Electrosynthesis and Catalytic Activity of Nanocomposites Formed by Metal Nanoparticles with Poly(N-vinylpyrrolidone) and Nanocellulose. <i>Russian Journal of Electrochemistry</i> , <b>2021</b> , 57, 30-40   | 1.2 | 2         |
| 378 | An Effective Producing Method of Nanocomposites of Ag, Au, and Pd Nanoparticles with Poly(N-vinylpyrrolidone) and Nanocellulose. <i>Electrocatalysis</i> , <b>2021</b> , 12, 225-237   | 2.7 | 4         |
| 377 | New and efficient synthesis of 3-arylquinazolin-4(1H)-ones and biologically important N-fused tetracycles based on N-(2-carboxyphenyl)oxalamide. <i>Tetrahedron Letters</i> , <b>2021</b> , 82, 153327   | 2   | 2         |

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| 376 | Tailoring of silica nanoarchitecture to optimize Cu(2X)S based image-guided chemodynamic therapy agent. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 626, 126996  | 5.1 | 1  |
| 375 | Preparation, Composition, and Physicochemical Properties of Pectin Complexes with Ibuprofen. <i>Doklady Physical Chemistry</i> , <b>2020</b> , 491, 24-28  | 0.8 | 0  |
| 374 | Synthesis and Characterization of Novel Nanoporous GI-POSS-Branched Polymeric Gas Separation Membranes. <i>Membranes</i> , <b>2020</b> , 10,   | 3.8 | 4  |
| 373 | Synthesis of Ag-AgCl nanoparticles capped by calix[4]resorcinarene-mPEG conjugate and their antimicrobial activity. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2020</b> , 602, 125124  | 5.1 | 7  |
| 372 | Formation of Unsymmetrical Trinuclear Metallamacrocycles Based on Two Different Cone Calix[4]arene Macrocylic Rings. <i>Crystals</i> , <b>2020</b> , 10, 364   | 2.3 | 3  |
| 371 | Chirality-dependent supramolecular synthons based on the 1,3-oxazolidin-2-one framework: chiral drugs mephenoxalone, metaxalone and 114 other examples. <i>CrystEngComm</i> , <b>2020</b> , 22, 7252-7261  | 3.3 | 5  |
| 370 | Environmentally friendly and efficient method for the synthesis of the new $\mu$ -diimine ligands with benzimidazole moiety. <i>Journal of Heterocyclic Chemistry</i> , <b>2020</b> , 57, 2466-2479  | 1.9 | 2  |
| 369 | Incorporating a Tetrapeptide into Lyotropic Direct Hexagonal Mesophase. <i>Journal of Physical Chemistry B</i> , <b>2020</b> , 124, 2715-2722  | 3.4 | 2  |
| 368 | Study of all stages of the DielsAlder reaction of cyclopentadiene with 2,3-dicyano-1,4-benzoquinone and monoadducts: Kinetics, thermochemistry, and high pressure effect. <i>International Journal of Chemical Kinetics</i> , <b>2020</b> , 52, 301-309                | 1.4 | 3  |
| 367 | The pH-responsive calix[4]resorcinarene-mPEG conjugates bearing acylhydrazone bonds: Synthesis and study of the potential as supramolecular drug delivery systems. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2020</b> , 589, 124453 | 5.1 | 12 |
| 366 | 3D Ni and Co redox-active metal-organic frameworks based on ferrocenyl diphosphinate and 4,4'-bipyridine ligands as efficient electrocatalysts for the hydrogen evolution reaction. <i>Dalton Transactions</i> , <b>2020</b> , 49, 2794-2802                           | 4.3 | 23 |
| 365 | Stereoselective Crystallization of Chiral 3,4-Dimethylphenyl Glycerol Ether Complicated by Plurality of Crystalline Modifications. <i>Crystals</i> , <b>2020</b> , 10, 201   | 2.3 | 3  |
| 364 | Two-step one-pot electrosynthesis and catalytic activity of xCoO <sub>3</sub> /Co(OH) <sub>2</sub> -supported silver nanoparticles. <i>Journal of Solid State Electrochemistry</i> , <b>2020</b> , 24, 829-842   | 2.6 | 8  |
| 363 | Polymer and supramolecular nanocontainers based on carboxylate derivatives of resorcinarenes for binding of substrates and design of composites for catalysis. <i>Russian Chemical Bulletin</i> , <b>2020</b> , 69, 351-359  | 1.7 | 4  |
| 362 | Acid catalyzed rearrangements of aryl 3-(2-nitroaryl)oxiran-2-yl ketones. <i>Russian Chemical Bulletin</i> , <b>2020</b> , 69, 510-516   | 1.7 | 1  |
| 361 | Combination of the Claisen-Schmidt reaction, the Michael addition, and the Hantzsch reaction in the synthesis of 2,6?-bis-aryl-3,4?-bipyridines. <i>Russian Chemical Bulletin</i> , <b>2020</b> , 69, 517-524  | 1.7 | 3  |
| 360 | New complexes of pectic polysaccharides with nonsteroidal anti-inflammatory drugs. <i>Russian Chemical Bulletin</i> , <b>2020</b> , 69, 572-580  | 1.7 | 1  |
| 359 | Structural features of composite protein-polysaccharide hydrogel in the presence of a carbon nanomaterial. <i>Russian Chemical Bulletin</i> , <b>2020</b> , 69, 581-589  | 1.7 | 5  |

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| 358 | Two-Step Mediated Electrosynthesis and Catalytic Activity of Au/Cu <sub>2</sub> O@poly(N-vinylpyrrolidone) Nanocomposite. <i>ECS Journal of Solid State Science and Technology</i> , <b>2020</b> , 9, 061007                                    | 2   | 3  |
| 357 | Oxidation of Petroleum Asphaltenes Coupled with Iodination. <i>Chemistry and Technology of Fuels and Oils</i> , <b>2020</b> , 56, 558-569   | 0.4 | 0  |
| 356 | Smart control of calixarene polymorphic states. <i>CrystEngComm</i> , <b>2020</b> , 22, 7002-7015   | 3.3 | 3  |
| 355 | Development of efficient luminescent soft media by incorporation of a hetero-ligand macrocyclic terbium complex into a lyomesophas. <i>Russian Chemical Bulletin</i> , <b>2020</b> , 69, 1763-1770  | 1.7 | 1  |
| 354 | Reaction of Phosphorus Trihalides with Methyl Triflate. Molecular and Supramolecular Structure of Methyltrichloro- and Methyltribromophosphonium Triflates. <i>Russian Journal of General Chemistry</i> , <b>2020</b> , 90, 1630-1635           | 0.7 |    |
| 353 | Nuclearity control in calix[4]arene-based zinc(II) coordination complexes. <i>CrystEngComm</i> , <b>2020</b> , 22, 7693-7703  | 3.3 | 4  |
| 352 | New bisphosphonium salt containing a 1,4-dihydroxynaphthalene moiety: molecular and supramolecular structure. <i>Russian Chemical Bulletin</i> , <b>2020</b> , 69, 2140-2146  | 1.7 | 1  |
| 351 | Simultaneous formation of 3-(benzimidazol-2-yl)quinoxalin-2(1H)-ones and 2-(benzimidazol-2-yl)quinoxalines from quinoxalin-2(1H)-one-3-carbaldoximes when exposed to 1,2-benzenediamines. <i>Tetrahedron</i> , <b>2020</b> , 76, 131721         | 2.4 | 3  |
| 350 | CoO <sub>x</sub> /Co(OH) <sub>2</sub> supported silver nanoparticles: electrosynthesis in acetonitrile and catalytic activity. <i>Mendeleev Communications</i> , <b>2020</b> , 30, 456-458  | 1.9 | 5  |
| 349 | Synthetic Tuning of Co-Doped Silica Nanoarchitecture Towards Electrochemical Sensing Ability. <i>Nanomaterials</i> , <b>2020</b> , 10,  | 5.4 | 3  |
| 348 | Sterically Hindered Phosphonium Salts: Structure, Properties and Palladium Nanoparticle Stabilization. <i>Nanomaterials</i> , <b>2020</b> , 10,   | 5.4 | 5  |
| 347 | Alkyl-malonate-substituted thiacalix[4]arenes as ligands for bottom-up design of paramagnetic Gd(III)-containing colloids with low cytotoxicity. <i>Arabian Journal of Chemistry</i> , <b>2020</b> , 13, 453-463                                | 5.9 | 3  |
| 346 | 6-Methyluracil derivatives as peripheral site ligand-hydroxamic acid conjugates: Reactivation for paraoxon-inhibited acetylcholinesterase. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 185, 111787                           | 6.8 | 5  |
| 345 | Bis(β-hydroxycycloalkyl)phosphine Oxides Obtained from White Phosphorus via Phosphine Oxide H <sub>2</sub> PO: Synthesis, Molecular Structure, Coordination Properties and Biological Activity. <i>ChemPlusChem</i> , <b>2020</b> , 85, 958-962 | 2.8 | 3  |
| 344 | Facile synthesis of 2-carboxanilido-3-arylquinazolin-4-ones from N1-(2-carboxyphenyl)-N2-(aryl)oxalamides. <i>Tetrahedron Letters</i> , <b>2019</b> , 60, 151205  | 2   | 2  |
| 343 | Dual red-NIR luminescent EuYb heterolanthanide nanoparticles as promising basis for cellular imaging and sensing. <i>Materials Science and Engineering C</i> , <b>2019</b> , 105, 110057  | 8.3 | 5  |
| 342 | Zn and Co redox active coordination polymers as efficient electrocatalysts. <i>Dalton Transactions</i> , <b>2019</b> , 48, 3601-3609  | 4.3 | 29 |
| 341 | ππ <sup>*</sup> synthon-π interaction as a reason for the strong amplification of synthon-forming hydrogen bonds. <i>CrystEngComm</i> , <b>2019</b> , 21, 1499-1511   | 3.3 | 2  |

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| 340 | Structure and catalytic activity of ultrasmall Rh, Pd and (Rh + Pd) nanoparticles obtained by mediated electrosynthesis. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 3931-3945   | 3.6 | 10 |
| 339 | Pressure, temperature, and solvent effects on the rates of reactions of 3,4-dihydro-2H-pyran with tetracyanoethylene and 4-phenyl-1,2,4-triazoline-3,5-dione. <i>Russian Chemical Bulletin</i> , <b>2019</b> , 68, 351-356 <sup>1-7</sup>  |     |    |
| 338 | A Nickel-Based Pectin Metal-Organic Framework as a Hydrogen Oxidation Reaction Catalyst for Proton-Exchange-Membrane Fuel Cells. <i>ChemistrySelect</i> , <b>2019</b> , 4, 4731-4734   | 1.8 | 1  |
| 337 | Kinetics and thermochemistry of the [2+2] cycloaddition of quadricyclane with 2,3-dicyano-1,4-benzoquinone. <i>International Journal of Chemical Kinetics</i> , <b>2019</b> , 51, 405-411  | 1.4 | 2  |
| 336 | The novel calix[4]resorcinarene-PEG conjugate: Synthesis, self-association and encapsulation properties. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2019</b> , 570, 182-190                              | 5.1 | 11 |
| 335 | Phase behaviour, structural properties and intermolecular interactions of systems based on substituted thiacalix[4]arene and nonionic surfactants. <i>Liquid Crystals</i> , <b>2019</b> , 46, 415-421                                      | 2.3 | 3  |
| 334 | Nanosized carriers for hydrophobic compounds based on mesoporous silica: synthesis and adsorption properties. <i>Russian Chemical Bulletin</i> , <b>2019</b> , 68, 1358-1365   | 1.7 | 2  |
| 333 | Synthesis of novel 1,2,3-triazolyl nucleoside analogues bearing uracil, 6-methyluracil, 3,6-dimethyluracil, thymine, and quinazoline-2,4-dione moieties. <i>Tetrahedron Letters</i> , <b>2019</b> , 60, 1512-76                            | 2   | 10 |
| 332 | Optical and structural characteristics of PMMA films doped with a new anisometric Eu complex. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , <b>2019</b> , 75, 570-577                   | 1.8 | 3  |
| 331 | New Reaction of Dimethylformamide with Acrylic Acid. <i>Russian Journal of Organic Chemistry</i> , <b>2019</b> , 55, 1864-1868   | 0.7 | 1  |
| 330 | Excellent supercapacitor and sensor performance of robust cobalt phosphinate ferrocenyl organic framework materials achieved by intrinsic redox and structure properties. <i>Dalton Transactions</i> , <b>2019</b> , 48, 16986-16992       | 4.3 | 14 |
| 329 | [{ReQ}(SO)] (Q = S or Se): Facile Synthesis and Properties of the Most Highly Charged Octahedral Cluster Complexes and High Magnetic Relaxivity of Their Colloids with Gd Ions. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 15889-15897 | 5.1 | 2  |
| 328 | Diphenylphosphorylacetic acid thiosemicarbazide and its solvate: Single crystal X-ray analysis. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2019</b> , 194, 300-301  | 1   | 1  |
| 327 | Unusual magnetic relaxation behavior of hydrophilic colloids based on gadolinium(III) octabutoxyphthalocyaninate. <i>Journal of Nanoparticle Research</i> , <b>2019</b> , 21, 1  | 2.3 | 10 |
| 326 | Cyclometalated Nickel Complexes as Key Intermediates in C(sp <sup>2</sup> ) Bond Functionalization: Synthesis, Catalysis, Electrochemical Properties, and DFT Calculations. <i>Organometallics</i> , <b>2019</b> , 38, 1254-1263           | 3.8 | 9  |
| 325 | Synthesis of Au(I) complex-based aqueous colloids for sensing of biothiols. <i>Inorganica Chimica Acta</i> , <b>2019</b> , 485, 26-32  | 2.7 | 6  |
| 324 | Structure optimization for enhanced luminescent and paramagnetic properties of hydrophilic nanomaterial based on heterometallic Gd-Re complexes. <i>Materials and Design</i> , <b>2018</b> , 146, 49-56                                    | 8.1 | 12 |
| 323 | A new surfactant-copper(ii) complex based on 1,4-diazabicyclo[2.2.2]octane amphiphile. Crystal structure determination, self-assembly and functional activity. <i>Physical Chemistry Chemical Physics</i> , <b>2018</b> , 20, 12688-12699  | 3.6 | 12 |

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| 322 | Electrochemical generation and observation by magnetic resonance of superparamagnetic cobalt nanoparticles. <i>Electrochimica Acta</i> , <b>2018</b> , 260, 324-329   | 6.7 | 9  |
| 321 | Electrochemical synthesis of metal nanoparticles using a polymeric mediator, whose reduced form is adsorbed (deposited) on an electrode. <i>Russian Chemical Bulletin</i> , <b>2018</b> , 67, 215-229   | 1.7 | 11 |
| 320 | Synthesis of rccc- and rctt-diastereoisomers of novel triazole-containing calix[4]resorcinols. <i>Tetrahedron Letters</i> , <b>2018</b> , 59, 1683-1685   | 2   | 4  |
| 319 | The interaction of 2-(5-methyl-2-phenyl-2h-1,2,3-diazaphosphol-4-yl)-4h-benzo[e]-1,3,2-dioxaphosphinin-4-one with activated carbonyl compounds. Synthesis of bis-heterocyclic systems containing di- and triphosphorus atoms. <i>Chemistry of Heterocyclic Compounds</i> , <b>2018</b> , 103, 55-62 | 1   | 1  |
| 318 | Polystyrenesulfonate-coated nanoparticles with low cytotoxicity for determination of copper(II) via the luminescence of Tb(III) complexes with new calix[4]arene derivatives. <i>Mikrochimica Acta</i> , <b>2018</b> , 185, 386   | 5.8 | 9  |
| 317 | Methylviologen mediated electrochemical synthesis of catalytically active ultrasmall bimetallic PdAg nanoparticles stabilized by CTAC. <i>Electrochimica Acta</i> , <b>2018</b> , 285, 149-163  | 6.7 | 14 |
| 316 | Cobalt-Catalyzed Green Cross-Dehydrogenative C(sp <sup>2</sup> )-H/P-H Coupling Reactions. <i>Topics in Catalysis</i> , <b>2018</b> , 61, 1949-1956   | 2.3 | 13 |
| 315 | Molecular Oxygen as Mediator in the Metal Nanoparticles Electro-synthesis in N,N-Dimethylformamide. <i>Russian Journal of Electrochemistry</i> , <b>2018</b> , 54, 265-282  | 1.2 | 11 |
| 314 | Gold nanoparticles, capped by carboxy-calix[4]resorcinarenes: effect of structure and concentration of macrocycles on the nanoparticles size and aggregation. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2018</b> , 92, 211-221   | 1.7 | 5  |
| 313 | Synthesis, phase behavior and absolute configuration of $\beta$ -adrenoblocker bupranolol and related compounds. <i>Journal of Molecular Structure</i> , <b>2018</b> , 1173, 157-165  | 3.4 | 2  |
| 312 | Nanoconjugates of a calixresorcinarene derivative with methoxy poly(ethylene glycol) fragments for drug encapsulation. <i>Beilstein Journal of Nanotechnology</i> , <b>2018</b> , 9, 2057-2070  | 3   | 6  |
| 311 | Crystallization of Chiral para-n-Alkylphenyl Glycerol Ethers: Phase Diversity and Impressive Predominance of Homochiral Guaifenesin-Like Supramolecular Motif. <i>Crystal Growth and Design</i> , <b>2018</b> , 18, 3980-3987   | 3.5 | 4  |
| 310 | Tuning magnetic relaxation properties of "hard cores" in core-shell colloids by modification of "soft shell". <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2018</b> , 162, 52-59  | 6   | 17 |
| 309 | One-Pot Synthesis of 7-(Benzimidazol-2-yl)thioxolumazine and -lumazine Derivatives via HSO-Catalyzed Rearrangement of Quinoxalinones When Exposed to 5,6-Diamino-2-mercapto- and 2,5,6-Triaminopyrimidin-4-ols. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 14942-14953                 | 4.2 | 10 |
| 308 | Synthesis of New Phosphorylated 1,2,4-Triazole-3-thiones. N,S-Functionalization Methods. <i>Russian Journal of General Chemistry</i> , <b>2018</b> , 88, 2269-2275  | 0.7 | 4  |
| 307 | The self-assembly of DyF <sub>3</sub> nanoparticles synthesized by chloride-based route. <i>Journal of Nanoparticle Research</i> , <b>2018</b> , 20, 1  | 2.3 | 3  |
| 306 | Synthesis of 3-Hydroxy-4-arylquinolin-2-ones Including Viridicatol via a Darzens Condensation/Friedel-Crafts Alkylation Strategy. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 13132-13145   | 4.2 | 12 |
| 305 | Self-assembly of Gd-bound keplerate polyanions into nanoparticles as a route for the synthesis of positive MRI contrast agents. Impact of the structure on the magnetic relaxivity. <i>Soft Matter</i> , <b>2018</b> , 14, 7916-7925  | 3.6 | 8  |



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| 304 | Properties of [Fe(Salten)Cl] Being a Precursor for Spin-Crossover Compounds in Polycrystals and Vitrified Acetonitrile Solutions. <i>Russian Journal of Inorganic Chemistry</i> , <b>2018</b> , 63, 1012-1018                       | 1.5 | 6  |
| 303 | Solid Phase Behavior, Polymorphism, and Crystal Structure Features of Chiral Drug Metaxalone. <i>Crystal Growth and Design</i> , <b>2018</b> , 18, 6627-6639  | 3.5 | 7  |
| 302 | The rearrangement of 1H,1?H-spiro[quinoline-4,2?-quinoxaline]-2,3? (3H,4?H)-diones to a new and efficient method for the synthesis of 4-(benzimidazol-2-yl)quinolin-2(1H)-ones. <i>Tetrahedron</i> , <b>2018</b> , 74, 6544-6557    | 2.4 | 8  |
| 301 | Studies of Cobalt(III) and Chromium(III) Complexes as Mediators in the Silver Nanoparticle Electrosynthesis in Aqueous Media. <i>Russian Journal of Electrochemistry</i> , <b>2018</b> , 54, 650-664                                | 1.2 | 6  |
| 300 | The enhancement of luminescent properties of Tb 3+ complexes with tetra-1,3-diketone ligands promoted by the tetrathiacalix[4]arene scaffold. <i>Tetrahedron Letters</i> , <b>2018</b> , 59, 2695-2699                              | 2   | 5  |
| 299 | Fullerene Mediated Electrosynthesis of Au/C60Nanocomposite. <i>ECS Journal of Solid State Science and Technology</i> , <b>2017</b> , 6, M19-M23   | 2   | 13 |
| 298 | High performance magneto-fluorescent nanoparticles assembled from terbium and gadolinium 1,3-diketones. <i>Scientific Reports</i> , <b>2017</b> , 7, 40486  | 4.9 | 31 |
| 297 | Methylviologen-mediated electrochemical synthesis of silver nanoparticles via the reduction of AgCl nanospheres stabilized by cetyltrimethylammonium chloride. <i>Russian Journal of Electrochemistry</i> , <b>2017</b> , 53, 25-38 | 1.2 | 18 |
| 296 | Smart Polymorphism of Thiacalix[4]arene with Long-Chain Amide Containing Substituents. <i>Crystal Growth and Design</i> , <b>2017</b> , 17, 3512-3527   | 3.5 | 7  |
| 295 | Intricate Phase Behavior and Crystal Structure Features of Chiral para-Methoxyphenyl Glycerol Ether Forming Continuous and Partial Solid Solutions. <i>Crystal Growth and Design</i> , <b>2017</b> , 17, 271-283                    | 3.5 | 14 |
| 294 | Nanoscale hydrophilic colloids with high relaxivity and low cytotoxicity based on Gd(III) complexes with Keplerate polyanions. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 5271-5275  | 3.6 | 14 |
| 293 | Modification of Nonionic Vesicles by Adding Decanol and Functional Lanthanide Ions. <i>Journal of Surfactants and Detergents</i> , <b>2017</b> , 20, 309-319  | 1.9 | 3  |
| 292 | Highly active PdNi nanocatalysts supported on multicharged polymer matrix. <i>Catalysis Science and Technology</i> , <b>2017</b> , 7, 5914-5919   | 5.5 | 10 |
| 291 | Synthesis and copolymerization of azidomethyl-substituted oxetanes: the morphology of statistical block copolymers. <i>Chemistry of Heterocyclic Compounds</i> , <b>2017</b> , 53, 811-821  | 1.4 | 5  |
| 290 | Synthesis, crystal structure, and absolute configuration of the enantiomers of chiral drug xibenolol hydrochloride. <i>Tetrahedron: Asymmetry</i> , <b>2017</b> , 28, 1359-1366   |     | 4  |
| 289 | Spontaneous Resolution of Chiral 3-(2,3-Dimethylphenoxy)propane-1,2-diol under the Circumstances of an Unusual Diversity of Racemic Crystalline Modifications. <i>Crystal Growth and Design</i> , <b>2017</b> , 17, 4196-4206       | 3.5 | 7  |
| 288 | Influence of upper rim dibromo-substitution in bis-1,3-diketone calix[4]arenes on spectral properties of ligands and their lanthanide complexes. <i>Tetrahedron</i> , <b>2017</b> , 73, 5397-5407                                   | 2.4 | 12 |
| 287 | Mediated Electrosynthesis of Nanocomposites: Au Nanoparticles in Matrix of C70and Some Derivatives of C60Fullerene. <i>ECS Journal of Solid State Science and Technology</i> , <b>2017</b> , 6, M143-M151                           | 2   | 8  |

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