

Ana Sanchez-Migallon

List of Publications by Year in descending order

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1030
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#	ARTICLE	IF	CITATIONS
1	Enthalpies of Formation of N-Substituted Pyrazoles and Imidazoles. <i>Journal of Physical Chemistry A</i> , 1999, 103, 9336-9344.	2.5	63
2	Anion-Dependent Self-Assembly of Silver(I) and Diaminotriazines to Coordination Polymers: Non-Covalent Bonds and Role Interchange between Silver and Hydrogen Bonds. <i>Inorganic Chemistry</i> , 2008, 47, 8957-8971.	4.0	60
3	Green synthesis and self-association of 2,4-diamino-1,3,5-triazine derivatives. <i>New Journal of Chemistry</i> , 2004, 28, 952-958.	2.8	57
4	Synthesis of 1,3,5-triazines in solvent-free conditions catalysed by silica-supported lewis acids. <i>Green Chemistry</i> , 2002, 4, 339-343.	9.0	50
5	Microwave-Assisted Reactions in Heterocyclic Compounds with Applications in Medicinal and Supramolecular Chemistry. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2007, 10, 877-902.	1.1	47
6	Solvent-free preparation of tris-pyrazolyl-1,3,5-triazines. <i>Tetrahedron</i> , 2001, 57, 4397-4403.	1.9	45
7	Selective lithiation of bis(azol-1-yl)methanes. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1993, , 1079-1083.	0.9	43
8	Microwave assisted synthesis and crystal structures of 2-imidazolines and imidazoles. <i>Tetrahedron</i> , 2006, 62, 5868-5874.	1.9	40
9	Preparation of $\hat{1}\pm$ - and $\hat{1}^2$ -substituted alanine derivatives by $\hat{1}\pm$ -amidoalkylation or Michael addition reactions under heterogeneous catalysis assisted by microwave irradiation. <i>Tetrahedron</i> , 2001, 57, 5421-5428.	1.9	36
10	Synthesis of N-Alkylpyrazoles by Phase Transfer Catalysis Without Solvent Without Solvent. <i>Synthetic Communications</i> , 1990, 20, 2849-2853.	2.1	35
11	Synthesis, structural determination and dynamic behavior of 2-chloro-4,6-bis(pyrazolylamino)-1,3,5-triazines. <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 4451-4457.	2.8	35
12	Porphyrins with four azole substituents in meso positions: X-ray crystal structure of Meso-tetrakis-(1-benzylpyrazol-4-yl)-porphyrin at 200 K. <i>Tetrahedron</i> , 1995, 51, 4779-4800.	1.9	29
13	Alkylation of Imidazole by Solid-Liquid Phase Transfer Catalysis in the Absence of Solvent. <i>Synthetic Communications</i> , 1993, 23, 1783-1786.	2.1	23
14	Multiple Hydrogen Bonds in the Self-Assembly of Aminotriazine and Glutarimide. Decisive Role of the Triazine Substituents. <i>Crystal Growth and Design</i> , 2008, 8, 1585-1594.	3.0	22
15	Physically Cross-Linked Hydrogel Based on Phenyl-1,3,5-triazine: Soft Scaffold with Aggregation-Induced Emission. <i>ACS Macro Letters</i> , 2019, 8, 1391-1395.	4.8	22
16	Enthalpies of combustion, heat capacities, and enthalpies of vaporization of 1-ethylimidazole and 1-ethylpyrazole. <i>Journal of Chemical Thermodynamics</i> , 1999, 31, 129-138.	2.0	21
17	Microwave-Assisted Synthesis and Dynamic Behaviour of N ₂ ,N ₄ ,N ₆ -Tris(1H-pyrazolyl)-1,3,5-triazine-2,4,6-triamines. <i>QSAR and Combinatorial Science</i> , 2005, 24, 649-659.	1.4	21
18	Selective alkylation of pyrrole by phase transfer catalysis in the absence of solvent. <i>Journal of Heterocyclic Chemistry</i> , 1994, 31, 1715-1717.	2.6	18

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19	Phase Transfer Catalysis without Solvent. Use of Alkyl Iodides. <i>Synthetic Communications</i> , 1989, 19, 293-296.	2.1	17
20	Microwave-assisted selective and efficient synthesis of 1,3,5-triazinyl mono and bisureas. <i>Tetrahedron</i> , 2014, 70, 1733-1739.	1.9	13
21	The Unusual Transformation of an Aromatic 1H-Imidazole into a Non-Aromatic 2H-Imidazole. <i>Structural Chemistry</i> , 2005, 16, 485-490.	2.0	12
22	Microwave-Assisted Selective Synthesis of Mono- and Bistriazines with π -Conjugated Spacers and Study of the Optoelectronic Properties. <i>Journal of Organic Chemistry</i> , 2014, 79, 4909-4919.	3.2	12
23	Enhancing stereochemical diversity by means of microwave irradiation in the absence of solvent: Synthesis of highly substituted nitroproline esters via 1,3-dipolar reactions. <i>Molecular Diversity</i> , 2003, 7, 175-180.	3.9	11
24	Microwave-assisted synthesis of bipyrazolyls and pyrazolyl-substituted pyrimidines. <i>Tetrahedron</i> , 2007, 63, 748-753.	1.9	11
25	Stimuli-responsive graphene-based hydrogel driven by disruption of triazine hydrophobic interactions. <i>Nanoscale</i> , 2020, 12, 7072-7081.	5.6	11
26	Quaternization and dequaternization of pyrazoles in solvent-free conditions: Conventional heating versus microwave irradiation. <i>Journal of Heterocyclic Chemistry</i> , 1999, 36, 889-894.	2.6	10
27	The Structure of N1-Hydroxylophine N3-Oxide (=1-Hydroxy-2,4,5-triphenyl-1H-imidazole 3-Oxide) in the Solid State. <i>Helvetica Chimica Acta</i> , 2003, 86, 1026-1039.	1.6	10
28	Microwave-assisted synthesis of pyrazolyl bistriazines. <i>Tetrahedron</i> , 2010, 66, 121-127.	1.9	10
29	Solvent-Free Microwave-Assisted Synthesis of 2,5-Dimethoxyphenylaminotriazines. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 3405-3411.	6.7	10
30	On-Demand Hydrophobic Drug Release Based on Microwave-Responsive Graphene Hydrogel Scaffolds. <i>Chemistry - A European Journal</i> , 2020, 26, 17069-17080.	3.3	10
31	Synthesis of 4-(4-pyridyl)oxazoles. <i>Tetrahedron</i> , 1994, 50, 10061-10072.	1.9	9
32	Solvent-free synthesis and structural characterization of azolyl-substituted pyrimidines. <i>New Journal of Chemistry</i> , 2002, 26, 926-932.	2.8	8
33	Synthesis of imine-derived triazines with Donor-Acceptor properties. <i>Journal of Cleaner Production</i> , 2016, 118, 223-228.	9.3	8
34	Anticancer drug discovery and pharmaceutical chemistry: a history. <i>Clinical and Translational Oncology</i> , 2006, 8, 717-728.	2.4	7
35	Green synthesis of luminescent blue emitters based on bistriazines with naphthalene as a π -conjugated spacer. <i>Dyes and Pigments</i> , 2016, 124, 203-209.	3.7	7
36	Porphyryns with four azole substituents in meso positions. Part 2. X-ray crystal structure of meso-tetrakis {1-[2-(trimethylsilyl)ethoxymethyl]pyrazol-5-yl}-porphyrin at 200 K. <i>Tetrahedron</i> , 1996, 52, 10811-10822.	1.9	6

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37	Bistriazine-based streptocyanines. Preparation, structural determination and optoelectronic properties. <i>Dyes and Pigments</i> , 2016, 131, 307-319.	3.7	6
38	Magnetically responsive hydrophobic pockets for on/off drug release. <i>Materials Today Chemistry</i> , 2022, 23, 100702.	3.5	5
39	Solvent-free microwave-assisted synthesis of new 2,4-dimethoxybenzylaminotriazines. <i>Arkivoc</i> , 2014, 2014, 308-318.	0.5	3
40	Triazine-Carbon Nanotubes: New Platforms for the Design of Flavin Receptors. <i>Chemistry - A European Journal</i> , 2016, 22, 8879-8888.	3.3	2
41	Green Synthesis and Self-Association of 2,4-Diamino-1,3,5-triazine Derivatives.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
42	Application of Microwave Irradiation, Solid Supports and Catalysts in Environmentally Benign Heterocyclic Chemistry. <i>ChemInform</i> , 2005, 36, no.	0.0	0