

# Kurosh Rad-Moghadam

## List of Publications by Year in descending order

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1018  
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#	ARTICLE	IF	CITATIONS
1	ZrO <sub>2</sub> and Rice-Husk-Xanthate Adduct: An Efficient Bioderived Catalyst for Synthesis of Spiro[4 <i>H</i> -pyran-4,3- <i>indoline</i> ] <i>s</i> . Polycyclic Aromatic Compounds, 2022, 42, 7217-7231.	2.6	4
2	A novel domino protocol for three-component synthesis of new dibenzo[ <i>e,g</i> ]indoles: flexible intramolecular charge transfers. New Journal of Chemistry, 2022, 46, 2940-2951.	2.8	3
3	Expedient synthesis of novel antibacterial hydrazono-4-thiazolidinones under catalysis of a natural-based binary ionic liquid. Molecular Diversity, 2021, 25, 109-119.	3.9	6
4	Synthesis and characterization of dicationic and monocationic fluorine-containing DBU based ionic liquids: Experimental and quantum chemical approaches. Journal of Molecular Structure, 2021, 1245, 131123.	3.6	2
5	Experimental and theoretical probing of the physicochemical properties of ionic liquids composed of [Bn-DBU] <sup>+</sup> cation and various anions. Journal of Molecular Structure, 2020, 1202, 127226.	3.6	12
6	Experimental and DFT mechanistic insights into one-pot synthesis of 1 <i>H</i> -pyrazolo[1,2- <i>b</i> ]phthalazine-5,10-diones under catalysis of DBU-based ionic liquids. New Journal of Chemistry, 2020, 44, 16594-16601.	2.8	14
7	A derivatization-directed three-component synthesis of fluorescent spiro [dihydropyridine-4,3- <i>indoline</i> ] <i>s</i> . Journal of Chemical Research, 2020, 44, 527-531.	1.3	5
8	A novel amphipathic low-melting complex salt: An efficient homogeneous catalyst for synthesis of pyran-annulated heterocyclic scaffolds and pyrido[2,3- <i>d</i> ]pyrimidines. Journal of Molecular Liquids, 2020, 307, 112989.	4.9	11
9	Investigation of morphological aspects and thermal properties of ZnO/poly(amide-imide) nanocomposites based on levodopa-mediated diacid monomer. Polymer Bulletin, 2019, 76, 53-72.	3.3	7
10	A Highly Enantioselective and Efficient Synthesis of New Pyrimidine-Fused Spiro[indoline-3,4-pyran] <i>s</i> Promoted by a Novel Chiral Ionic Liquid. ChemistrySelect, 2019, 4, 10442-10446.	1.5	10
11	Dual complex of amylose with iodine and magnetite nano-crystallites: Enhanced superparamagnetic and catalytic performance for synthesis of spirooxindoles. Applied Organometallic Chemistry, 2019, 33, e4993.	3.5	10
12	Green synthesis of 2-((2-aryl-3-oxoisindolin-1-yl)methyl)quinazolin-4(3 <i>H</i> )-ones via sequential condensation, sp <sup>3</sup> C-H bond functionalization and cyclization. Tetrahedron Letters, 2018, 59, 1555-1559.	1.4	10
13	Green fabrication of Cu/pistachio shell nanocomposite using Pistacia Vera L. hull: An efficient catalyst for expedient reduction of 4-nitrophenol and organic dyes. Journal of Cleaner Production, 2018, 198, 1105-1119.	9.3	68
14	A sulfonating ionic liquid for one-pot pseudo four-component synthesis of novel 3-chlorosulfonyl- <i>l</i> -sultones: A novel class of fluorescent compounds. Tetrahedron, 2018, 74, 4047-4052.	1.9	9
15	From Parkinson's chemotropic agent <i>l</i> -dopa to thermally resistive carbonaceous nanocomposite of a new catechol-grafted poly(amide-imide). Polymer, 2018, 149, 1-12.	3.8	5
16	A nano-composite of magnetite and hot-water-soluble starch: a cooperation resulting in an amplified catalytic activity on water. New Journal of Chemistry, 2018, 42, 12476-12485.	2.8	8
17	Design, Synthesis and In vitro Cytotoxicity of New 1,2,3-triazol- and Nitrostyrene Hybrids as Potent Anticancer Agents. Letters in Drug Design and Discovery, 2018, 16, 213-219.	0.7	3
18	A four-component Pfitzinger reaction: synthesis of 2-pyronylquinolin-4-carbamides. Research on Chemical Intermediates, 2017, 43, 4401-4411.	2.7	4

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19	Cobalt ferrite encapsulated in a zwitterionic chitosan derived shell: An efficient nano-magnetic catalyst for three-component syntheses of pyrano[3,2-c]quinolines and spiro-oxindoles. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3891.	3.5	16
20	Catalytic performance of a new Brønsted acidic oligo(ionic liquid) in efficient synthesis of pyrano[3,2-c]quinolines and pyrano[2,3-d]pyrimidines. <i>Journal of Molecular Liquids</i> , 2017, 248, 278-285.	4.9	18
21	Efficient catalytic application of a binary ionic liquid mixture in the synthesis of novel spiro[4H-pyridine-oxindoles]. <i>New Journal of Chemistry</i> , 2017, 41, 10291-10298.	2.8	18
22	Novel Improvements in Thermal and Hydrophobic Properties of Chitosan Reinforced by Rice Husk Ash. <i>Polymers From Renewable Resources</i> , 2016, 7, 115-133.	1.3	3
23	The deep eutectic melt of sorbitol and metformin hydrochloride: synthesis of 3-substituted 2-aminonaphtho[2,3-b]furan-4,9-diones and their photophysical properties. <i>RSC Advances</i> , 2016, 6, 13152-13159.	3.6	6
24	N-methyl-2-pyrrolidonium chlorosulfonate: An efficient ionic-liquid catalyst and mild sulfonating agent for one-pot synthesis of $\hat{\Gamma}$ -sultones. <i>Journal of Molecular Liquids</i> , 2016, 218, 275-280.	4.9	18
25	An efficient approach to bis-benzoquinonylmethanes on water under catalysis of the bio-derived O-carboxymethyl chitosan. <i>RSC Advances</i> , 2016, 6, 27388-27394.	3.6	12
26	A Novel and Efficient Synthesis of $\hat{\Gamma}$ -Sultones. <i>Synlett</i> , 2014, 25, 827-830.	1.8	11
27	A four-component synthesis of novel spiro[pyrazoloquinoline-oxindoles] under solvent-free conditions. <i>Tetrahedron</i> , 2014, 70, 1780-1785.	1.9	24
28	Application of cellulose/chitosan grafted nano-magnetites as efficient and recyclable catalysts for selective synthesis of 3-indolyldolin-2-ones. <i>Journal of Molecular Catalysis A</i> , 2014, 392, 97-104.	4.8	21
29	LiBF <sub>4</sub> integrated into [BMIm]BF <sub>4</sub> : an ionic-liquid metal composite and homogeneous catalyst for efficient synthesis of pyran-annulated heterocycles. <i>Applied Organometallic Chemistry</i> , 2014, 28, 146-150.	3.5	15
30	Synthesis of Novel 1-(Benzo[thiazol-2-yl)]-1H-pyrrol-2(5H)-ones. <i>Journal of Heterocyclic Chemistry</i> , 2014, 51, 1791-1796.	2.6	3
31	Synthesis of novel pyrano[3,2-c]quinoline-2,5-diones using an acidic ionic liquid catalyst. <i>Tetrahedron Letters</i> , 2013, 54, 4633-4636.	1.4	41
32	Synthesis of 4-substituted pyrano[4,3-b]pyran-2,5-diones in an ionic liquid. <i>Tetrahedron</i> , 2012, 68, 6472-6476.	1.9	17
33	Application of Ionic Liquids in Multicomponent Reactions. , 2012, , 289-334.		4
34	Synthesis of novel oxindolylpyrrolo[2,3-d]pyrimidines via a three-component sequential tandem reaction. <i>Tetrahedron</i> , 2012, 68, 9706-9712.	1.9	20
35	Mg(BF <sub>4</sub> ) <sub>2</sub> doped in [BMIm][BF <sub>4</sub> ]: A homogeneous ionic liquid-catalyst for efficient synthesis of 1,8-dioxo-octahydroxanthenes, decahydroacridines and 14-aryl-14H-dibenzo[a,j]xanthenes. <i>Journal of Molecular Catalysis A</i> , 2012, 363-364, 465-469.	4.8	49
36	An unexpected multicomponent reaction leading to 2-arylpyrrolo[2,3,4-kl]acridin-1(2H)-ones. <i>Tetrahedron Letters</i> , 2012, 53, 4573-4575.	1.4	36

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37	Tetramethylguanidinium triflate: An efficient catalyst solvent for the convergent synthesis of fused spiro[1,4-dihydropyridine-oxindole] compounds. <i>Journal of Fluorine Chemistry</i> , 2012, 135, 213-219.	1.7	32
38	Ambient synthesis of spiro[4H-pyran-oxindole] derivatives under [BMIm]BF <sub>4</sub> catalysis. <i>Tetrahedron</i> , 2011, 67, 5693-5699.	1.9	98
39	A simple and efficient synthesis of some novel thiazolidine derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2010, 47, 1439-1442.	2.6	8
40	Synthesis of symmetrical and unsymmetrical 3,3-di(indolyl)indolin-2-ones under controlled catalysis of ionic liquids. <i>Tetrahedron</i> , 2010, 66, 2316-2321.	1.9	85
41	A Novel Biginelli-Like Reaction: An Efficient One-pot Synthesis of Spiro[oxindole-quinazoline/pyrimidine]ones. <i>Letters in Organic Chemistry</i> , 2010, 7, 277-282.	0.5	19
42	Synthesis of Novel Spiro[dihydropyridine-oxindole] Compounds in Water. <i>Synlett</i> , 2010, 2010, 1969-1973.	1.8	34
43	Indole 3-alkylation/vinylation under catalysis of the guanidinium ionic liquids. <i>Tetrahedron</i> , 2009, 65, 8816-8820.	1.9	45
44	Silica-bound benzoyl chloride mediated the solid-phase synthesis of 4H-3,1-benzoxazin-4-ones. <i>Beilstein Journal of Organic Chemistry</i> , 2009, 5, 13.	2.2	3
45	Solid-Phase Synthesis of <i>N</i> -Aryl Succinimides. <i>Synthetic Communications</i> , 2009, 39, 2108-2115.	2.1	14
46	An expeditious and one-pot synthesis of unsymmetrical 2,5-disubstituted-1,3,4-oxadiazoles under microwave irradiation and solvent-free conditions. <i>Chinese Chemical Letters</i> , 2008, 19, 1143-1146.	9.0	13
47	One-pot three-component synthesis of 2-substituted 4-aminoquinazolines. <i>Journal of Heterocyclic Chemistry</i> , 2006, 43, 913-916.	2.6	24
48	A Route to the Synthesis of Novel Coumarins. <i>Monatshefte für Chemie</i> , 2004, 135, 817.	1.8	16
49	A Route to the Synthesis of Novel Coumarins.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
50	A CONVENIENT SYNTHESIS OF SUBSTITUTED QUINAZOLIN-4(3H)-ONES UNDER MICROWAVE AND SOLVENT-FREE CONDITIONS. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2004, 179, 2533-2536.	1.6	11
51	A Facile Synthesis of 6-Substituted Benzimidazo[1,2- <i>c</i> ]-Quinazolines Under Microwave Irradiation. <i>Synthetic Communications</i> , 1999, 29, 2617-2624.	2.1	26