

Rajiv Trivedi

List of Publications by Year in descending order

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38
papers

667
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430874

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40
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#	ARTICLE	IF	CITATIONS
1	Conjugated Materials Derived From Boron-Chalcogenophene Combination. A Brief Description of Synthetic Routes and Optoelectronic Applications. <i>Chemical Record</i> , 2021, 21, 1738-1770.	5.8	14
2	Bioactive isatin (oxime)-triazole-thiazolidinedione ferrocene molecular conjugates: Design, synthesis and antimicrobial activities. <i>Journal of Organometallic Chemistry</i> , 2021, 937, 121716.	1.8	13
3	Tetraphenylethylene-Substituted Bis(thienyl)imidazole (DTITPE), An Efficient Molecular Sensor for the Detection and Quantification of Fluoride Ions. <i>Chemosensors</i> , 2021, 9, 285.	3.6	5
4	Bacterial biosynthesis of nanosilver: a green catalyst for the synthesis of (amino) pyrazolo- <i>Chemistry</i> , 2020, 44, 13046-13061.	2.8	6
5	Synthesis, characterization and antimicrobial evaluation of ferrocene-oxime ether benzyl 1,2,3-triazole hybrids. <i>New Journal of Chemistry</i> , 2019, 43, 8341-8351.	2.8	26
6	1,2,3-Triazole derivatives of ferrocenylidene-oxindole: Synthesis, characterization, electrochemical and antimicrobial evaluation. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4817.	3.5	13
7	Isophorone-boronate ester: A simple chemosensor for optical detection of fluoride anion. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4688.	3.5	11
8	2,4-Thiazolidinedione as a Bioactive Linker for Ferrocenyl Sugar-Triazole Conjugates: Synthesis, Characterization and Biological Properties. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 1571-1580.	2.0	8
9	Spirooxindole-fused pyrazolo pyridine derivatives: NiO catalyzed one-pot synthesis and antimicrobial activities. <i>Synthetic Communications</i> , 2018, 48, 255-266.	2.1	19
10	Facile synthesis, characterisation and anti-inflammatory activities of ferrocenyl ester derivatives of 4-arylidene-5-imidazolinones. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4021.	3.5	4
11	N-Arylation of ferrocenyl 2,4-thiazolidinedione conjugates via a copper-catalysed Chan-Lam cross coupling reaction with aryl boronic acids and their optoelectronic properties. <i>New Journal of Chemistry</i> , 2018, 42, 12587-12594.	2.8	8
12	Silver(i) catalyzed intramolecular cyclization of N-(2-(alk-1-yn-1-yl))-1H-tetrazoles leading to the formation of N-cyano-2-substituted indoles under ambient conditions. <i>Organic Chemistry Frontiers</i> , 2017, 4, 1574-1579.	4.5	4
13	An expedient microwave assisted regio- and stereoselective synthesis of spiroquinoxaline pyrrolizine derivatives and their AChE inhibitory activity. <i>New Journal of Chemistry</i> , 2017, 41, 873-878.	2.8	46
14	Synthesis, characterization and photophysical properties of ferrocenyl and mixed sandwich cobaltocenyl ester linked meso-triaryl corrole dyads. <i>Journal of Porphyrins and Phthalocyanines</i> , 2017, 21, 646-657.	0.8	2
15	Synthesis, characterization and antimicrobial activity of novel Schiff base tethered boronate esters of 1,2-O-isopropylidene- β -D-xylofuranose. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 3447-3452.	2.2	17
16	Highly efficient regio and diastereoselective synthesis of functionalized bis-spirooxindoles and their antibacterial properties. <i>RSC Advances</i> , 2016, 6, 26546-26552.	3.6	23
17	Ferrocenyl chalcogeno (sugar) triazole conjugates: Synthesis, characterization and anticancer properties. <i>Journal of Organometallic Chemistry</i> , 2016, 813, 125-130.	1.8	25
18	Asymmetric Mannich reaction: highly enantioselective synthesis of 3-amino-oxindoles via chiral squaramide based H-bond donor catalysis. <i>RSC Advances</i> , 2016, 6, 84242-84247.	3.6	24

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19	Ce/SiO ₂ composite as an efficient catalyst for the multicomponent one-pot synthesis of substituted pyrazolones in aqueous media and their antimicrobial activities. <i>Journal of Molecular Catalysis A</i> , 2016, 411, 325-336.	4.8	25
20	Ferrocene Analogues of Hydrogen-Bond-Donor Catalysts: An Investigative Study on Asymmetric Michael Addition of 1,3-Dicarbonyl Compounds to Nitroalkenes. <i>Synlett</i> , 2015, 26, 221-227.	1.8	14
21	Ferrocenyl pyrazoline based multichannel receptors for a simple and highly selective recognition of Hg ²⁺ and Cu ²⁺ ions. <i>Journal of Organometallic Chemistry</i> , 2015, 780, 20-29.	1.8	30
22	Carbohydrate triazole tethered 2-pyridyl-benzimidazole ligands: Synthesis of their palladium (II) complexes and antimicrobial activities. <i>Inorganica Chimica Acta</i> , 2015, 435, 200-205.	2.4	20
23	Sugar-boronate ester scaffold tethered pyridyl-imine palladium(II) complexes: synthesis and their in vitro anticancer evaluation. <i>Dalton Transactions</i> , 2015, 44, 17600-17616.	3.3	23
24	Palladium(II) carbohydrate complexes of alkyl, aryl and ferrocenyl esters and their cytotoxic activities. <i>Inorganica Chimica Acta</i> , 2014, 416, 164-170.	2.4	21
25	Ferrocenyl pseudo-dipeptides derived from 1,2-O-isopropylidene- α -D-xylofuranose: Synthesis, electrochemistry and cytotoxicity evaluation. <i>Journal of Organometallic Chemistry</i> , 2014, 774, 26-34.	1.8	7
26	(4-Ferrocenylphenyl)propargyl ether derived carbohydrate triazoles: influence of a hydrophobic linker on the electrochemical and cytotoxic properties. <i>New Journal of Chemistry</i> , 2014, 38, 227-236.	2.8	18
27	Formation of benzoxanthenones and benzochromenones via cerium-impregnated-MCM-41 catalyzed, solvent-free, three-component reaction and their biological evaluation as anti-microbial agents. <i>Journal of Molecular Catalysis A</i> , 2014, 386, 49-60.	4.8	22
28	1-(2-Pyridyl)-3-ferrocenylpyrazoline-Based Multichannel Signaling Receptors for Co ²⁺ , Cu ²⁺ , and Zn ²⁺ Ions. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 6019-6027.	2.0	17
29	Effect of amide-triazole linkers on the electrochemical and biological properties of ferrocene-carbohydrate conjugates. <i>Dalton Transactions</i> , 2013, 42, 1180-1190.	3.3	24
30	Carbohydrate-Based Ferrocenyl Boronate Esters: Synthesis, Characterization, Crystal Structures, and Antibacterial Activity. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 5311-5319.	2.0	18
31	Synthesis, characterization, electrochemistry and optical properties of new 1,3,5-trisubstituted ferrocenyl pyrazolines and pyrazoles containing sulfonamide moiety. <i>Journal of Organometallic Chemistry</i> , 2012, 718, 64-73.	1.8	24
32	Synthesis, characterization and cytotoxic activity of palladium (II) carbohydrate complexes. <i>Journal of Chemical Sciences</i> , 2012, 124, 1405-1413.	1.5	18
33	Synthesis, Crystal Structure, Electronic Spectroscopy, Electrochemistry and Biological Studies of Ferrocene-Carbohydrate Conjugates. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 2267-2277.	2.0	46
34	Synthesis, crystal structure, electronic spectroscopy, electrochemistry and biological studies of carbohydrate containing ferrocene amides. <i>Applied Organometallic Chemistry</i> , 2012, 26, 369-376.	3.5	28
35	Efficient synthesis, structural characterization and anti-microbial activity of chiral aryl boronate esters of 1,2-O-isopropylidene- α -D-xylofuranose. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 3890-3893.	2.2	19
36	Layered Double Hydroxide-Supported Rhodium(0): An Efficient and Reusable Catalyst for the Heck-Type Coupling of Alkenes and Arylboronic Acids. <i>Helvetica Chimica Acta</i> , 2008, 91, 1670-1674.	1.6	6

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37	Vanadyl(IV) Acetate: An Efficient, Reusable Heterogenous Catalyst for Aza-Michael Reaction Under Solvent-Free Conditions. <i>Synthetic Communications</i> , 2008, 38, 3556-3566.	2.1	8
38	Catalysis of the Heck-type reaction of alkenes with arylboronic acids by silica-supported rhodium: an efficient phosphine-free reusable catalytic protocol. <i>New Journal of Chemistry</i> , 2007, 31, 1575.	2.8	11