

# Srinivasan Chandrasekaran

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/711696/publications.pdf>

Version: 2024-02-01

146  
papers

2,700  
citations

172457

29  
h-index

265206

42  
g-index

180  
all docs

180  
docs citations

180  
times ranked

2477  
citing authors

#	ARTICLE	IF	CITATIONS
1	10 Years of Click Chemistry: Synthesis and Applications of Ferrocene-Derived Triazoles. <i>Chemistry - an Asian Journal</i> , 2011, 6, 2670-2694.	3.3	115
2	Recent Advances in the Synthesis and Reactivity of Vinylcyclopropanes. <i>Synthesis</i> , 2016, 48, 4347-4380.	2.3	108
3	Catalytic Aerobic Oxidation of Cycloalkanes with Nanostructured Amorphous Metals and Alloys. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 3521-3523.	13.8	106
4	Mesoporous iron-titania catalyst for cyclohexane oxidation. <i>Chemical Communications</i> , 2001, , 988-989.	4.1	78
5	Reductive dimerization of organic thiocyanates to disulfides mediated by tetrathiomolybdate. <i>Journal of Organic Chemistry</i> , 1995, 60, 7142-7143.	3.2	75
6	A facile entry to macrocyclic disulfides: an efficient synthesis of redox-switched crown ethers. <i>Journal of Organic Chemistry</i> , 1994, 59, 1354-1357.	3.2	67
7	Reaction of Azides with Tetrathiomolybdate: Reduction and Imine Formation. <i>Journal of Organic Chemistry</i> , 1995, 60, 7682-7683.	3.2	63
8	Chemistry of Tetrathiomolybdate: Aziridine Ring Opening Reactions and Facile Synthesis of Interesting Sulfur Heterocycles. <i>Journal of the American Chemical Society</i> , 2005, 127, 12760-12761.	13.7	63
9	Synthesis of Unnatural Selenocystines and $\beta$ -Aminodiselenides via Regioselective Ring-Opening of Sulfamidates Using a Sequential, One-Pot, Multistep Strategy. <i>Journal of Organic Chemistry</i> , 2010, 75, 2910-2921.	3.2	48
10	Facile Entry into Triazole Fused Heterocycles via Sulfamidate Derived Azido-alkynes. <i>Journal of Organic Chemistry</i> , 2009, 74, 7588-7591.	3.2	47
11	Synthesis of Functionalized Dihydrothiophenes from Doubly Activated Cyclopropanes Using Tetrathiomolybdate as the Sulfur Transfer Reagent. <i>Journal of Organic Chemistry</i> , 2011, 76, 700-703.	3.2	47
12	The prop-2-ynoxy carbonyl function (POC): A new amino-protecting group removable from sulfur-containing peptides by ultrasonic irradiation with tetrathiomolybdate under mild and neutral conditions. <i>Tetrahedron Letters</i> , 1999, 40, 771-774.	1.4	46
13	Efficient Synthesis of Fused Perhydrofuro[2,3-b]pyrans (and Furans) by Ring Opening of 1,2-Cyclopropanated Sugar Derivatives. <i>Organic Letters</i> , 2007, 9, 1331-1334.	4.6	46
14	A Tandem Sulfur Transfer/Reduction/Michael Addition Mediated by Benzyltriethylammonium Tetrathiomolybdate. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 4316-4319.	13.8	43
15	Tetrathiomolybdate Assisted Epoxide Ring Opening with Masked Thiols and Selenoates: A Multistep Reaction in One Pot. <i>Journal of Organic Chemistry</i> , 2002, 67, 9417-9420.	3.2	42
16	Proline and benzylpenicillin derivatives grafted into mesoporous MCM-41: Novel organic-inorganic hybrid catalysts for direct aldol reaction. <i>Journal of Chemical Sciences</i> , 2003, 115, 365-372.	1.5	41
17	Regio- and Stereospecific Synthesis of $\beta$ -Sulfonamidodisulfides and $\beta$ -Sulfonamidodisulfides from Aziridines using Tetrathiomolybdate as a Sulfur Transfer Reagent. <i>Journal of Organic Chemistry</i> , 2007, 72, 2106-2117.	3.2	40
18	Facile one-pot synthesis of thio and selenourea derivatives: A new class of potent urease inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 6387-6391.	2.2	38

#	ARTICLE	IF	CITATIONS
19	Modifications of amino acids using arenediazonium salts. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 8308-8329.	2.8	37
20	Highly chemoselective synthesis of functionalized diselenides from alkyl halides using benzyltriethylammonium tetrathiomolybdate. <i>Chemical Communications</i> , 1997, , 1021-1022.	4.1	35
21	Base catalyzed cyclization of N-aryl and N-alkyl-O-propargyl carbamates to 4-alkylidene-2-oxazolidinones. <i>Tetrahedron</i> , 2007, 63, 9153-9162.	1.9	35
22	A mild and selective method for N-dealkylation of tertiary amines. <i>Tetrahedron Letters</i> , 2004, 45, 7983-7985.	1.4	33
23	Synthesis of Thioglycosides by Tetrathiomolybdate-Mediated Michael Additions of Masked Thiolates. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 4809-4815.	2.4	32
24	Development and characterization of lysine based tripeptide analogues as inhibitors of Sir2 activity. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 8060-8072.	3.0	32
25	Catalytic Aerobic Epoxidation of Olefins by Nanostructured Amorphous CoO <sub>2</sub> /MCM-41. <i>Catalysis Letters</i> , 2003, 86, 197-200.	2.6	31
26	Facile Entry to 4,5,6,7-tetrahydro[1,2,3]triazolo[1,5-a]pyrazinones from Amines and Amino Acids. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 2423-2429.	2.4	31
27	A Highly $\beta$ -Stereoselective Catalytic Epoxidation of $\alpha$ -Unsaturated Steroids with a Novel Ruthenium(II) Complex under Aerobic Conditions. <i>Journal of Organic Chemistry</i> , 1998, 63, 6999-7001.	3.2	30
28	Tetraethylammonium tetraselenotungstate: a new and efficient selenium transfer reagent for the chemoselective synthesis of functionalised diselenides. <i>Tetrahedron Letters</i> , 2003, 44, 2257-2260.	1.4	30
29	Utility of tetrathiomolybdate and tetraselenotungstate: efficient synthesis of cystine, selenocystine, and their higher homologues. <i>Tetrahedron Letters</i> , 2003, 44, 5251-5253.	1.4	30
30	Direct Synthesis of Functionalized Unsymmetrical $\beta$ -Sulfonamido Disulfides by Tetrathiomolybdate Mediated Aziridine Ring-Opening Reactions. <i>Journal of Organic Chemistry</i> , 2009, 74, 7958-7961.	3.2	28
31	Click Chemistry Inspired Synthesis of Novel Ferrocenyl-Substituted Amino Acids or Peptides. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 2120-2129.	2.4	27
32	Dynamic Analysis and Design of Offshore Structures. <i>Ocean Engineering &amp; Oceanography</i> , 2015, . .	0.2	27
33	Selective Deprotection of Propargyl Ethers Using Tetrathiomolybdate. <i>Synlett</i> , 1997, 1997, 513-514.	1.8	26
34	Highly Selective Deblocking of Propargyl Carbonates in the Presence of Propargyl Carbamates with Tetrathiomolybdate. <i>Journal of Organic Chemistry</i> , 2005, 70, 837-840.	3.2	25
35	Propargyloxycarbonyl (Poc) amino acid chlorides as efficient coupling reagents for the synthesis of 100% diastereopure peptides and resin bound tetrathiomolybdate as an effective deblocking agent for the Poc group. <i>Chemical Communications</i> , 2002, , 812-813.	4.1	24
36	An efficient synthesis of dehydroamino acids and dehydropeptides from O-Cbz and O-Eoc derivatives of serine and threonine. <i>Tetrahedron</i> , 2007, 63, 10534-10542.	1.9	24

#	ARTICLE	IF	CITATIONS
37	Catalyst-Free, Metal-Free, and Chemoselective Transamidation of Activated Secondary Amides. <i>Synthesis</i> , 2019, 51, 921-932.	2.3	24
38	Tetraselenotungstate: an efficient selenating reagent for the synthesis of $\alpha$ -amino diselenides by aziridine ring opening reactions. <i>Tetrahedron Letters</i> , 2007, 48, 623-626.	1.4	23
39	Simultaneous Protection and Activation of Amino Acids Using Propargyl Pentafluorophenyl Carbonate. <i>Organic Letters</i> , 2006, 8, 1933-1936.	4.6	22
40	Transition metal oxide loaded MCM catalysts for photocatalytic degradation of dyes. <i>Journal of Chemical Sciences</i> , 2012, 124, 385-393.	1.5	21
41	Synthesis of Thioesters from Carboxylic Acids via Acyloxyphosphonium Intermediates with Benzyltriethylammonium Tetrathiomolybdate as the Sulfur Transfer Reagent. <i>Journal of Organic Chemistry</i> , 2009, 74, 6291-6294.	3.2	20
42	Numerical analysis and preliminary design of topside of an offshore platform using FGM and X52 steel under special loads. <i>Innovative Infrastructure Solutions</i> , 2020, 5, 1.	2.2	20
43	A simple synthesis of sugar disulfides using tetrathiomolybdate as a sulfur-transfer reagent. <i>Carbohydrate Research</i> , 1997, 301, 221-224.	2.3	19
44	Facile conversion of amides and lactams to selenoamides and selenolactams using tetraethylammonium tetraselenotungstate. <i>Tetrahedron Letters</i> , 2004, 45, 681-683.	1.4	19
45	Enantioselective and Protecting Group-Free Synthesis of 1-Deoxythionojirimycin, 1-Deoxythiomannojirimycin, and 1-Deoxythialonojirimycin. <i>Journal of Organic Chemistry</i> , 2010, 75, 6685-6688.	3.2	19
46	Aerodynamic response of offshore triceratops. <i>Ships and Offshore Structures</i> , 2013, 8, 123-140.	1.9	19
47	Stereoselective geminal difunctionalization of vinyl arenes mediated by the bromonium ion. <i>Chemical Communications</i> , 2014, 50, 70-72.	4.1	19
48	Synthetic Applications of Carbohydrate-derived Donor-Acceptor Cyclopropanes. <i>Israel Journal of Chemistry</i> , 2016, 56, 417-430.	2.3	19
49	Synthesis of Thioesters by Simultaneous Activation of Carboxylic Acids and Alcohols Using PPh <sub>3</sub> /NBS with Benzyltriethylammonium Tetrathiomolybdate as the Sulfur Transfer Reagent. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 6043-6047.	2.4	18
50	Bromonium-Catalysed Tandem Ring Opening/Cyclisation of Vinylcyclopropanes and Vinylcyclobutanes: A Metal-Free [3+2+1]/[4+2+1] Cascade for the Synthesis of Chiral Amidines and Computational Investigation. <i>Chemistry - A European Journal</i> , 2012, 18, 12498-12511.	3.3	18
51	Dynamic response of offshore triceratops: Numerical and experimental investigations. <i>Ocean Engineering</i> , 2015, 109, 401-409.	4.3	18
52	Dynamic analysis of a tension leg platform under extreme waves. <i>Journal of Naval Architecture and Marine Engineering</i> , 2013, 10, 59-68.	1.2	17
53	Synthesis and applications of propargyl pentafluorophenyl carbonate for peptide synthesis. <i>Tetrahedron Letters</i> , 2002, 43, 2467-2469.	1.4	16
54	Tandem Ring Opening/Cyclization of Vinylcyclopropanes: A Facile Synthesis of Chiral Bicyclic Amidines. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 5878-5881.	13.8	16

#	ARTICLE	IF	CITATIONS
55	Conformationally Locked Bridged Bicyclic Diselenides: Synthesis, Structure, Se $\cdots$ O Interaction, and Theoretical Studies. <i>Journal of Organic Chemistry</i> , 2007, 72, 5313-5319.	3.2	15
56	Potential-flow-based numerical study for the response of floating offshore structures with perforated columns. <i>Ships and Offshore Structures</i> , 2010, 5, 327-336.	1.9	15
57	Curvature ductility of RC sections based on eurocode: Analytical procedure. <i>KSCE Journal of Civil Engineering</i> , 2011, 15, 131-144.	1.9	15
58	Ring opening of activated cyclopropanes with NIS/NaN <sub>3</sub> : synthesis of C-1 linked pseudodisaccharides. <i>Tetrahedron</i> , 2013, 69, 11138-11143.	1.9	15
59	Response analyses of offshore triceratops to seismic activities. <i>Ships and Offshore Structures</i> , 2014, 9, 633-642.	1.9	15
60	Wittig-Ferrier rearrangement of carbohydrate derived vinylcyclopropanes: a facile approach to oxepane analogs. <i>Tetrahedron</i> , 2014, 70, 7268-7282.	1.9	15
61	Metal-Free S <sub>2</sub> -Arylation of Cysteine Using Arenediazonium Salts. <i>Journal of Organic Chemistry</i> , 2018, 83, 3562-3569.	3.2	15
62	Tether analyses of offshore triceratops under ice force due to continuous crushing. <i>Innovative Infrastructure Solutions</i> , 2019, 4, 1.	2.2	15
63	Stereospecific and regioselective catalytic epoxidation of alkenes by a novel ruthenium(II) complex under aerobic conditions. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1997, , 3115-3116.	0.9	14
64	Novel cyclic tetraselenides of mannose: synthesis and mechanistic studies. <i>Tetrahedron Letters</i> , 2007, 48, 2091-2095.	1.4	14
65	Recent Advances in the Chemistry of Doubly Activated Cyclopropanes: Synthesis and Reactivity. <i>Current Organic Chemistry</i> , 2019, 23, 276-312.	1.6	14
66	Sulfur Transfer Reactions of Tetrathiomolybdate in Water: Synthesis of Alkyl Disulfides from Alkyl Halides. <i>Synthetic Communications</i> , 1997, 27, 4031-4034.	2.1	13
67	Unsymmetrical aryl disulfides with excellent transparency in the visible region for second order nonlinear optics. <i>Journal of Materials Chemistry</i> , 2002, 12, 2904-2908.	6.7	13
68	One-pot synthesis of functionalized $\beta$ -amino sulfides/ $\beta$ -amino selenides via ring opening of cyclic sulfamidates. <i>RSC Advances</i> , 2014, 4, 42952-42956.	3.6	13
69	Prop-2-ynyl as a protective group for carboxylic acids: a mild method for the highly selective deprotection of prop-2-ynyl esters using tetrathiomolybdate. <i>Chemical Communications</i> , 1996, , 1957.	4.1	12
70	Catalytic epoxidation of cyclic vinylsilanes by ruthenium(II) complexes under aerobic conditions. <i>Tetrahedron</i> , 2003, 59, 7761-7765.	1.9	12
71	Synthesis of amino thiols and isocysteines via regioselective ring opening of sulfamidates with tetrathiomolybdate. <i>Tetrahedron</i> , 2011, 67, 3111-3118.	1.9	12
72	Synthesis of mixed glycosyl disulfides/selenenylsulfides using benzyltriethylammonium tetrathiomolybdate as a sulfur transfer reagent. <i>Carbohydrate Research</i> , 2015, 402, 200-207.	2.3	12

#	ARTICLE	IF	CITATIONS
73	Behavior of stiffened deck plates under hydrocarbon fire. <i>Marine Systems and Ocean Technology</i> , 2020, 15, 95-109.	1.0	12
74	New conformationally locked thioderivatives of mannose: synthesis, applications, and mechanistic studies. <i>Carbohydrate Research</i> , 2006, 341, 2204-2210.	2.3	11
75	Synthesis of S-functionalized thioesters using thioaroylate ions derived from carboxylic acids and tetrathiomolybdate via acyloxyphosphonium intermediates. <i>Tetrahedron</i> , 2010, 66, 7001-7011.	1.9	11
76	An improved procedure for the synthesis of dehydroamino acids and dehydropeptides from the carbonate derivatives of serine and threonine using tetrabutylammonium fluoride. <i>Journal of Peptide Science</i> , 2010, 16, 123-125.	1.4	11
77	Electrophile-Induced C=C Bond Activation of Vinylcyclopropanes for the Synthesis of <i>Z</i> -Alkylidene tetrahydrofurans. <i>Journal of Organic Chemistry</i> , 2013, 78, 380-399.	3.2	11
78	Offshore Triceratops Under Impact Forces in Ultra Deep Arctic Waters. <i>International Journal of Steel Structures</i> , 2020, 20, 464-479.	1.3	11
79	Dynamic Analysis of Semi-submersible Under the Postulated Failure of Restraining System with Buoy. <i>International Journal of Steel Structures</i> , 2021, 21, 118-131.	1.3	11
80	A New Seleno-Aza-Payne Type Rearrangement of Aziridinylmethyl Tosylates Mediated by Tetraselenotungstate. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 4543-4551.	2.4	10
81	Crystal structures of fluorinated aryl biscarbonates and a biscarbamate: a counterpoise between weak intermolecular interactions and molecular symmetry. <i>CrystEngComm</i> , 2011, 13, 1531-1538.	2.6	10
82	Laboratory experiment on using non-floating body to generate electrical energy from water waves. <i>Frontiers in Energy</i> , 2012, 6, 361-365.	2.3	10
83	Dispersed ZrO <sub>2</sub> nanoparticles in MCM-48 with high adsorption activity. <i>AIChE Journal</i> , 2012, 58, 2987-2996.	3.6	10
84	Reagent-switch controlled metal-free intermolecular geminal diamination and aminooxygenation of vinylarenes. <i>Tetrahedron</i> , 2016, 72, 1095-1104.	1.9	10
85	2-Deoxyglycosyl 3-benzoylpropionates as novel donors for the direct and stereoselective synthesis of 2-deoxy-glycosides. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 2248-2257.	2.8	10
86	Novel chalcogenides of thymidine and uridine: synthesis, properties and applications. <i>Carbohydrate Research</i> , 2007, 342, 1151-1158.	2.3	9
87	Simple and efficient synthesis of allo- and threo-3,3-dimethylcystine derivatives in enantiomerically pure form. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 1425-1429.	1.8	9
88	Useful approach to the synthesis of aryl thio- and selenoglycosides in the presence of rongalite. <i>Carbohydrate Research</i> , 2014, 396, 48-53.	2.3	9
89	Click Chemistry Route to the Synthesis of Unusual Amino Acids, Peptides, Triazole-Fused Heterocycles and Pseudodisaccharides. <i>Chemical Record</i> , 2017, 17, 63-70.	5.8	9
90	Improved efficiency of a floating wave energy converter under different wave-approach angles: numerical and experimental investigations. <i>Journal of Ocean Engineering and Marine Energy</i> , 2019, 5, 41-50.	1.7	9

#	ARTICLE	IF	CITATIONS
91	Postulated failure analyses of a spread-moored semi-submersible. <i>Innovative Infrastructure Solutions</i> , 2020, 5, 1.	2.2	9
92	A Useful Sulfur-Transfer Reaction with Tetrathiomolybdate: Conversion of Arylamines to Aryl Disulfides. <i>Synthesis</i> , 1994, 1994, 785-786.	2.3	8
93	Deoxythiosugar Derivatives with Furano, Pyrano, and Septano Motifs from <i>1,4-Gulonic Lactone</i> and <i>D-Glycerol-1,4-Lactone</i> . <i>European Journal of Organic Chemistry</i> , 2012, 2012, 6986-6995.	1.2	8
94	Deep ocean wave energy systems (DOWES): experimental investigations. <i>Journal of Naval Architecture and Marine Engineering</i> , 2014, 11, 139-146.	1.2	8
95	Novel synthesis of carbohydrate fused $\beta$ -amino $\beta$ -lactams and glycopeptides by NIS mediated ring opening of donor-acceptor substituted cyclopropanes. <i>Carbohydrate Research</i> , 2014, 390, 1-8.	2.3	8
96	Response control of tension leg platform with passive damper: experimental investigations. <i>Ships and Offshore Structures</i> , 2017, 12, 171-181.	1.9	8
97	Dynamic analyses of stiffened triceratops under regular waves: experimental investigations. <i>Ships and Offshore Structures</i> , 2017, 12, 697-705.	1.9	8
98	Synthesis of enantiopure bis-aziridines, bis-epoxides, and aziridino-epoxides from d-mannitol. <i>Tetrahedron</i> , 2006, 62, 10162-10170.	1.9	7
99	Propargyloxycarbonyl as a protecting group for the side chains of serine, threonine and tyrosine. <i>Journal of Chemical Sciences</i> , 2008, 120, 163-173.	1.5	7
100	Convenient Synthesis of Ferrocene Conjugates Mediated by Benzyltriethylammonium Tetrathiomolybdate in a Multi-Step Tandem Process. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 5365-5372.	2.4	7
101	Tetrathiomolybdate Mediated Rearrangement of Aziridinemethanol Tosylates: A Thia-Aza-Payne Rearrangement. <i>Journal of Organic Chemistry</i> , 2010, 75, 5533-5541.	3.2	7
102	Tandem aziridine ring opening-disulfide formation-reduction-Michael addition in one-pot mediated by tetrathiomolybdate. <i>Tetrahedron</i> , 2015, 71, 7267-7281.	1.9	7
103	A Mild Protocol for the Regioselective Ring Opening of Doubly Activated Cyclopropanes by Using Selenolates Generated in Situ: Synthesis of Functionalized Organoselenium Compounds. <i>Synthesis</i> , 2015, 47, 1488-1498.	2.3	7
104	Stereoselective Anti-Markovnikov Geminal Diamination and Dioxygenation of Vinylarenes Mediated by the Bromonium Ion. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 2547-2554.	2.4	7
105	A Sequential One-Pot Synthesis of Functionalized Esters and Thioesters through a Ring-Opening Acylation of Cyclic Ethers and Thioethers. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 6541-6547.	2.4	7
106	Experimental investigation and ANN modeling on improved performance of an innovative method of using heave response of a non-floating object for ocean wave energy conversion. <i>Frontiers in Energy</i> , 2013, 7, 279-287.	2.3	6
107	Design aids for offshore structures with perforated members. <i>Ships and Offshore Structures</i> , 2015, 10, 183-203.	1.9	6
108	Catalyst-Free, Regioselective Ring Opening of Donor-Acceptor Cyclopropanes: Synthesis of Functionalized Mono- and Disulfides. <i>Synthesis</i> , 2016, 48, 3087-3096.	2.3	6



#	ARTICLE	IF	CITATIONS
109	Numerical Study on Geometrical Configurations of Perforated Cylindrical Structures under Regular Waves. <i>Journal of Performance of Constructed Facilities</i> , 2016, 30, 04014185.	2.0	6
110	Efficient Catalyst-Free Trans Sulfonamidation/Sulfonamide Metathesis under Mild Conditions. <i>ChemistrySelect</i> , 2018, 3, 2306-2310.	1.5	6
111	Mathieu stability of offshore triceratops under postulated failure. <i>Ships and Offshore Structures</i> , 2018, 13, 143-148.	1.9	6
112	Facile Synthesis of $\beta$ -Amino Disulfides, Cystines, and Their Direct Incorporation into Peptides. <i>Synlett</i> , 2009, 2009, 1227-1232.	1.8	5
113	One-pot protection and activation of amino acids using pentafluorophenyl carbonates. <i>Journal of Peptide Science</i> , 2009, 15, 849-855.	1.4	5
114	Experimental Investigations of Offshore Triceratops Under Regular Waves. , 2011, , .		5
115	De novo synthesis of 1-deoxythiosugars. <i>Carbohydrate Research</i> , 2013, 382, 30-35.	2.3	5
116	Retrofitting of offshore cylindrical structures with different geometrical configuration of perforated outer cover. <i>International Shipbuilding Progress</i> , 2015, 62, 43-56.	0.4	5
117	Dynamic response of offshore triceratops with elliptical buoyant legs. <i>Innovative Infrastructure Solutions</i> , 2020, 5, 1.	2.2	5
118	Hydrochalcogenation of Symmetrical and Unsymmetrical Buta-1,3-diyne with Diaryl Dichalcogenides: Facile Entry to (Z)-1-(Organylchalcogeno)but-1-en-3-yne Derivatives. <i>Synthesis</i> , 2015, 47, 395-410.	2.3	4
119	Geminal Difunctionalization of Vinylarenes: Concise Synthesis of 1,3-Dioxolan-4-ones. <i>Synlett</i> , 2019, 30, 2263-2267.	1.8	4
120	Experimental Studies on Dynamic Response Behavior of Multi-Legged Articulated Tower. , 2010, , .		4
121	Computational treatment of free convection effect on flow of elasto-viscous fluid past an accelerated plate with constant heat flux. <i>Applied Mathematics and Computation</i> , 2010, 217, 685-688.	2.2	3
122	Tetraethylammonium Tetrasetenotungstate: A Versatile Selenium Transfer Reagent in Organic Synthesis. <i>Chimia</i> , 2012, 66, 921.	0.6	3
123	Tetrathiomolybdate-Mediated Ring Opening of Isatoic Anhydrides: An Entry to S-Alkyl or S-Aryl 2-Aminobenzenecarbothioate Derivatives. <i>Synthesis</i> , 2014, 46, 3067-3074.	2.3	3
124	Dynamic analyses of buoyant leg storage regasification platform (BLSRP) under regular waves: experimental investigations. <i>Ships and Offshore Structures</i> , 2017, 12, 227-232.	1.9	3
125	Accident Modelling and Risk Assessment of Oil and Gas Industries. , 2015, , 2533-2543.		3
126	Response Behaviour of Perforated Cylinders in Regular Waves. , 2011, , .		2



#	ARTICLE	IF	CITATIONS
127	Applications of Propargyl Esters of Amino Acids in Solution-Phase Peptide Synthesis. International Journal of Peptides, 2011, 2011, 1-10.	0.7	2
128	H/F isosteric substitution to attest different equi-energetic molecular conformations in crystals. CrystEngComm, 2013, 15, 5403.	2.6	2
129	Force Reduction on Ocean Structures with Perforated Members. , 2015, , 647-661.		2
130	Response Control of TLP Using Tuned Mass Dampers. , 2014, , .		1
131	Health monitoring of offshore structures using wireless sensor network: experimental investigations. Proceedings of SPIE, 2016, , .	0.8	1
132	Tetrathiomolybdate and Tetraselenotungstate as Sulfur/Selenium Transfer Reagents: Applications in the Synthesis of New Thio/Seleno Sugars. Chemical Record, 2021, 21, 3076-3086.	5.8	1
133	Catalytic Aerobic Oxidation of Cycloalkanes with Nanostructured Amorphous Metals and Alloys. , 1999, 38, 3521.		1
134	Design and Efficiency Analysis of a Mechanical Wave Energy Converter. , 2011, , .		1
135	Tetraethylammonium Tetraselenotungstate: A New and Efficient Selenium Transfer Reagent for the Chemoselective Synthesis of Functionalized Diselenides.. ChemInform, 2003, 34, no.	0.0	0
136	Catalytic Epoxidation of Cyclic Vinylsilanes by Ruthenium(II) Complexes under Aerobic Conditions.. ChemInform, 2004, 35, no.	0.0	0
137	Facile Conversion of Amides and Lactams to Selenoamides and Selenolactams Using Tetraethylammonium Tetraselenotungstate.. ChemInform, 2004, 35, no.	0.0	0
138	A Mild and Selective Method for N-Dealkylation of Tertiary Amines.. ChemInform, 2005, 36, no.	0.0	0
139	Hydrodynamic Analysis of Semisubmersibles for a Large Scale Desalination Plant. , 2011, , .		0
140	Experimental Investigation of Dynamic Response of Tension Leg Platform With Perforated Members. , 2013, , .		0
141	Variations of Hydrodynamic Characteristics With the Perforated Cylinder. , 2014, , .		0
142	Photochemistry, Photophysics and Photobiology. Journal of Chemical Sciences, 2018, 130, 1.	1.5	0
143	Editorial: Der "National Organic Symposium Trust" seit 1/4ber 30 Jahren prÄgend fÄr die organische Chemie in Indien. Angewandte Chemie, 2019, 131, 9394-9395.	2.0	0
144	Editorial: The National Organic Symposium Trust"Shaping Organic Chemistry in India for Over 30 Years. Angewandte Chemie - International Edition, 2019, 58, 9294-9295.	13.8	0

#	ARTICLE	IF	CITATIONS
145	Variations of Water Particle Kinematics of Offshore TLPS with Perforated Members: Numerical Investigations. , 2015, , 629-645.		0
146	Damage assessment in concrete marine structures using damage plasticity model. , 2017, , .		0