

# Sergey N Osipov

## List of Publications by Year in descending order

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72  
papers

1,489  
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257450

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docs citations

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times ranked

1249  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of $\hat{\pm}$ -CF <sub>3</sub> -substituted $\hat{3},\hat{1}$ -didehydro lysine derivatives. Mendeleev Communications, 2022, 32, 260-261.	1.6	3
2	General Method of Synthesis of 5-(Het)arylamino-1,2,3-triazoles via Buchwald-Hartwig Reaction of 5-Amino- or 5-Halo-1,2,3-triazoles. Molecules, 2022, 27, 1999.	3.8	2
3	Rhodium-Catalyzed C-H Activation/Annulation of Aryl Hydroxamates with Benzothiadiazole-Containing Acetylenes: Access to Isoquinoline-Bridged Donor-Acceptor Luminophores. European Journal of Organic Chemistry, 2022, 2022, .	2.4	5
4	Synthesis and optical properties of novel unsymmetrically substituted benzothiadiazole-based luminophores. Mendeleev Communications, 2021, 31, 33-35.	1.6	10
5	One-Pot Synthesis of 5-Amino-1,2,3-triazole Derivatives via Dipolar Azide-Nitrile Cycloaddition and Dimroth Rearrangement under Solvent-Free Conditions. European Journal of Organic Chemistry, 2021, 2021, 1378-1384.	2.4	12
6	Rh(III)-Catalyzed C-H Activation/Annulation of Aryl Hydroxamates with CF <sub>3</sub> -Containing $\hat{\pm}$ -Propargyl $\hat{\pm}$ -Amino Acid Derivatives. European Journal of Organic Chemistry, 2021, 2021, 1883-1890.	2.4	16
7	Fluorine-containing ruthenium-based olefin metathesis catalysts. Russian Chemical Reviews, 2021, 90, 419-450.	6.5	4
8	Half-sandwich complexes of group 9 metals with N,N <sup>1</sup> -ligands for CF <sub>3</sub> -carbenoid alkylation of N-(pyrimidin-2-yl)indole. Journal of Organometallic Chemistry, 2021, 946-947, 121899.	1.8	2
9	Ruthenium-catalyzed dimerization of CF <sub>3</sub> -containing functional allenes. Journal of Organometallic Chemistry, 2021, 951, 121998.	1.8	2
10	Lossen rearrangement by Rh(III)-catalyzed C-H activation/annulation of aryl hydroxamates with alkynes: access to quinolone-containing amino acid derivatives. Organic and Biomolecular Chemistry, 2021, 19, 9421-9426.	2.8	7
11	New Unsymmetrically Substituted Benzothiadiazole-Based Luminophores: Synthesis, Optical, Electrochemical Studies, Charge Transport, and Electroluminescent Characteristics. Molecules, 2021, 26, 7596.	3.8	5
12	Unusual multiple insertion of diazo carbonyl compounds into (purin-6-yl)benzene derivative. Mendeleev Communications, 2020, 30, 494-495.	1.6	3
13	Deep blue luminescent cyclometallated 1,2,3-triazol-5-ylidene iridium(III) complexes. Mendeleev Communications, 2020, 30, 717-718.	1.6	8
14	Synthesis of $\hat{\pm}$ -CF <sub>3</sub> -substituted $\hat{E}$ -dehydroornithine derivatives <i>via</i> copper( <i>scp</i> )-catalyzed hydroamination of allenes. Organic and Biomolecular Chemistry, 2020, 18, 3274-3280.	2.8	12
15	Alkynyl- or Azido-Functionalized 1,2,3-Triazoles: Selective MonoCuAAC Promoted by Physical Factors. ChemistrySelect, 2019, 4, 7470-7475.	1.5	5
16	Monothiolate ruthenium alkylidene complexes with tricyclic fluorinated N-heterocyclic carbene ligands. Mendeleev Communications, 2019, 29, 38-40.	1.6	5
17	Organofluorine chemistry: promising growth areas and challenges. Russian Chemical Reviews, 2019, 88, 425-569.	6.5	127
18	Azide-Alkyne Cycloaddition (CuAAC) in Alkane Solvents Catalyzed by Fluorinated NHC Copper(I) Complex. European Journal of Organic Chemistry, 2019, 2019, 1016-1020.	2.4	20

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19	Rhodium( $\eta^3$ )-catalyzed $CF_3$ -carbenoid C-H functionalization of 6-arylpyridines. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 2966-2974.	2.8	21
20	Selective Synthesis of 2- and 7-Substituted Indole Derivatives via Chelation-Assisted Metallocarbenoid C-H Bond Functionalization. <i>Synthesis</i> , 2018, 50, 227-240.	2.3	25
21	New olefin metathesis catalysts with fluorinated unsymmetrical imidazole-based ligands. <i>Mendeleev Communications</i> , 2018, 28, 609-611.	1.6	7
22	$CF_3$ -Carbenoid functionalization of N-(pyrimidin-2-yl)indole catalyzed by cobalt complexes: Ligand control of selectivity. <i>Mendeleev Communications</i> , 2018, 28, 359-361.	1.6	13
23	Trifluoromethylated 5-aminoderivatives of (indol-3-yl)acetic acid. <i>Russian Chemical Bulletin</i> , 2018, 67, 1459-1466.	1.5	3
24	Ruthenium-Alkylidene Complexes with Sterically Rigid Fluorinated NHC Ligands. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 5988-5996.	2.4	10
25	Synthesis of metathesis catalysts with fluorinated unsymmetrical N,N'-diaryl imidazoline-based NHC ligands. <i>Journal of Fluorine Chemistry</i> , 2017, 200, 66-76.	1.7	14
26	Fluorinated Unsymmetrical N,N'-Diaryl Imidazolium Salts—New Functionalized NHC Ligand Precursors. <i>Chemistry - A European Journal</i> , 2017, 23, 6663-6674.	3.3	20
27	$Rh^{III}$ -Catalyzed $CF_3$ -Carbenoid C-H Functionalization of Indolines. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 840-845.	2.4	28
28	Novel olefin metathesis catalysts with fluorinated N-alkyl-N'-arylimidazolin-2-ylidene ligands. <i>Russian Chemical Bulletin</i> , 2017, 66, 1601-1606.	1.5	8
29	Stereoselective Alkane Oxidation with meta-Chloroperoxybenzoic Acid (MCPBA) Catalyzed by Organometallic Cobalt Complexes. <i>Molecules</i> , 2016, 21, 1593.	3.8	29
30	Methyl 3,3,3-trifluoro-2-diazopropionate for the synthesis of functionalized styrenes. <i>Russian Chemical Bulletin</i> , 2016, 65, 2668-2671.	1.5	1
31	New fluorinated catalysts for olefin metathesis. <i>Mendeleev Communications</i> , 2016, 26, 474-476.	1.6	7
32	Metal-carbenoid mediated CH-functionalization of pyrroles with methyl 2-diazo-3,3,3-trifluoropropionate. <i>Russian Chemical Bulletin</i> , 2015, 64, 1564-1568.	1.5	4
33	$CF_3$ -Carbenoid C-H Functionalization of (Hetero)arenes under Chelation-Controlled $Rh^{III}$ Catalysis. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 4950-4955.	2.4	27
34	Metathesis Catalysts with Fluorinated Unsymmetrical NHC Ligands. <i>Organometallics</i> , 2015, 34, 2305-2313.	2.3	27
35	Synthesis of $\beta$ - $CF_3$ -containing triazolyl amino acids as potential neurotransmitters via click-reaction. <i>Journal of Fluorine Chemistry</i> , 2015, 175, 60-67.	1.7	16
36	Ruthenium-catalyzed cyclotrimerization of $\beta$ -amino- $\beta$ -propargyl carboxylates and phosphonates with 1,6-diyne: synthesis of $\beta$ - $CF_3$ -containing phenylalanine derivatives and their P-analogs. <i>Russian Chemical Bulletin</i> , 2014, 63, 2455-2460.	1.5	5

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37	Access to Functionalized $\alpha$ -Trifluoromethyl- $\alpha$ -aminophosphonates via Intermolecular Ene-Yne Metathesis. <i>Synlett</i> , 2014, 25, 2624-2628.	1.8	6
38	Cu-Catalyzed Carbenoid Functionalization of Indoles by Methyl 3,3,3-Trifluoro-2-diazopropionate. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 2480-2486.	2.4	35
39	Access to Cyclic $\alpha$ -CF <sub>3</sub> -Substituted $\alpha$ -Amino Acid Derivatives by Ring-Closing Metathesis of Functionalized 1,7-Enynes. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 5353-5363.	2.4	24
40	Intramolecular cyclization of acetylene-containing $\alpha$ -amino carboxylates and $\alpha$ -amino phosphonates: synthesis of $\alpha$ -CF <sub>3</sub> -substituted dehydroprolines and their P-analogs. <i>Russian Chemical Bulletin</i> , 2013, 62, 792-796.	1.5	12
41	Synthesis of CF <sub>3</sub> -Containing 1,2,3,4-Tetrahydroisoquinoline-3-Phosphonates via Regioselective Ruthenium-Catalyzed Co-cyclootrimerization of 1,7-Aza-Diynes. <i>Synlett</i> , 2013, 24, 1517-1522.	1.8	13
42	Synthesis of $\alpha$ -Trifluoromethyl- $\alpha$ -hydroxy Acid-Peptide Conjugates via Click Chemistry. <i>Synthesis</i> , 2012, 44, 130-136.	2.3	9
43	Cyclobutene Ring-Opening of Bicyclo[4.2.0]octa-1,6-dienes: Access to CF <sub>3</sub> -Substituted 5,6,7,8-Tetrahydro-1,7-naphthyridines. <i>Journal of Organic Chemistry</i> , 2012, 77, 8518-8526.	3.2	25
44	Generation of Monoclonal Antibody Against trans-Resveratrol. <i>Hybridoma</i> , 2012, 31, 449-454.	0.4	5
45	Synthesis of CF <sub>3</sub> -containing tetrapeptide surrogates via Ugi reaction/dipolar cycloaddition sequence. <i>Tetrahedron</i> , 2012, 68, 872-877.	1.9	28
46	Synthesis of CF <sub>3</sub> -containing $\alpha$ -alkynyl- $\alpha$ -aminophosphonates by Sonogashira cross-coupling reaction. <i>Journal of Fluorine Chemistry</i> , 2012, 135, 33-37.	1.7	11
47	Click-chemistry approach to isoxazole-containing $\alpha$ -CF <sub>3</sub> -substituted $\alpha$ -aminocarboxylates and $\alpha$ -aminophosphonates. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 7335.	2.8	33
48	Ruthenium-Catalysed Synthesis of Fluorinated Bicyclic Amino Esters through Tandem Carbene Addition/Cyclopropanation of Enynes. <i>Chemistry - A European Journal</i> , 2011, 17, 9456-9462.	3.3	40
49	Synthesis of functionalized CF <sub>3</sub> -containing heterocycles via [2,3]-sigmatropic rearrangement and sequential catalytic carbocyclization. <i>Tetrahedron</i> , 2011, 67, 3524-3532.	1.9	36
50	Thermal [2+2] Cycloaddition of CF <sub>3</sub> -Substituted Allenynes: Access to Novel Cyclobutene-Containing $\alpha$ -Amino Acids. <i>Synlett</i> , 2011, 2011, 2321-2324.	1.8	7
51	A new preparative method for the synthesis of diethyl 1-diazo-2,2,2-trifluoroethylphosphonate via an imino phosphonate. <i>Russian Chemical Bulletin</i> , 2010, 59, 107-109.	1.5	12
52	Synthesis of $\alpha$ -Alkynyl- $\alpha$ , $\beta$ -difluoroalanine Derivatives by Sonogashira Cross-Coupling Reaction. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 1587-1592.	2.4	30
53	Synthesis of functionalized $\alpha$ -CF <sub>3</sub> - $\alpha$ -aminophosphonates via Cu(I)-catalyzed 1,3-dipolar cycloaddition. <i>Journal of Fluorine Chemistry</i> , 2010, 131, 378-383.	1.7	25
54	Alkylidene-Ruthenium-Tin Catalysts for the Formation of Fatty Nitriles and Esters via Cross-Metathesis of Plant Oil Derivatives. <i>Organometallics</i> , 2010, 29, 5257-5262.	2.3	33

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55	Propargyl-Substituted Phosphonocarboxylates: Efficient Synthesis and Application to Click Chemistry. <i>Synthesis</i> , 2009, 2009, 3579-3588.	2.3	2
56	Facile synthesis of phosphorylated azides in ionic liquids and their use in the preparation of 1,2,3-triazoles. <i>Heteroatom Chemistry</i> , 2008, 19, 293-300.	0.7	36
57	Ruthenium-Catalyzed Cyclotrimerization of 1,6- and 1,7-Azadiynes: New Access to Fluorinated Bicyclic Amino Acids. <i>Synlett</i> , 2008, 2008, 578-582.	1.8	10
58	Synthesis of functionalized bisphosphonates via click chemistry. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 2361-2367.	2.8	53
59	Trifluoromethylated cyclopropanes and epoxides from CuI-mediated transformations of $\hat{\text{I}}\pm$ -trifluoromethyl-diazophosphonate. <i>Journal of Fluorine Chemistry</i> , 2007, 128, 723-728.	1.7	24
60	An Effective Approach to 1,2,3-Triazole-Containing 12-Vertex closo-Dodecaborates. <i>Collection of Czechoslovak Chemical Communications</i> , 2007, 72, 1717-1724.	1.0	17
61	Methyltrifluoropyruvate imines possessing N-oxalyl and N-phosphonoformyl groups as precursors to a variety of $\hat{\text{I}}\pm$ -CF <sub>3</sub> - $\hat{\text{I}}\pm$ -amino acid derivatives. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 3669-3674.	2.8	31
62	Fluorine-containing $\hat{\text{I}}\pm$ -alkynyl amino esters and access to a new family of 3,4-dehydroproline analogues. <i>New Journal of Chemistry</i> , 2001, 25, 16-18.	2.8	64
63	First Synthesis of Totally Orthogonal Protected $\hat{\text{I}}\pm$ -(Trifluoromethyl)- and $\hat{\text{I}}\pm$ -(Difluoromethyl)arginines. <i>Journal of Organic Chemistry</i> , 2001, 66, 130-133.	3.2	44
64	Novel Synthesis of Cyclic $\hat{\text{I}}\pm$ -Amino Acid Esters via Ene Reaction and Ruthenium-catalyzed Ring Rearrangement. <i>Synlett</i> , 2001, 2001, 0621-0622.	1.8	18
65	New $\hat{\text{I}}\pm$ -trifluoromethyl-substituted $\hat{\text{I}}\pm$ -amino phosphonates. <i>Mendeleev Communications</i> , 2000, 10, 192.	1.6	7
66	Synthesis of fluorine-containing cyclic amino acid derivatives via ring closing olefin metathesis. <i>Chemical Communications</i> , 1998, , 2053-2054.	4.1	34
67	New efficient syntheses of $\hat{\text{I}}\pm$ -difluoromethyl- and $\hat{\text{I}}\pm$ -trifluoromethyl-ornithine. <i>Tetrahedron Letters</i> , 1997, 38, 5965-5966.	1.4	21
68	A New Strategy for the Synthesis of $\hat{\text{I}}\pm$ -Difluoromethyl-Substituted $\hat{\text{I}}\pm$ -Hydroxy and $\hat{\text{I}}\pm$ -Amino Acids. <i>Journal of Organic Chemistry</i> , 1996, 61, 7521-7528.	3.2	70
69	Synthesis of $\hat{\text{I}}\pm$ -trifluoromethyl substituted $\hat{\text{I}}\pm$ -amino acid derivatives from methyl 3,3,3-trifluoro-2-diazopropionate. <i>Tetrahedron Letters</i> , 1996, 37, 615-618.	1.4	63
70	Methyl 3,3-Difluoro-2-hydroxyacrylate - A New Metastable Enol. <i>Synlett</i> , 1995, 1995, 1269-1270.	1.8	11
71	Asymmetric synthesis of $\hat{\text{I}}\pm$ -trifluoromethyl substituted aminoacids via 3-hydroxy-3-trifluoromethyl-2,5-diketopiperazines. <i>Tetrahedron: Asymmetry</i> , 1994, 5, 1051-1060.	1.8	35
72	Fluorine-containing ketimines. <i>Russian Chemical Reviews</i> , 1992, 61, 798-815.	6.5	51