

Raffaele Saladino

List of Publications by Year in descending order

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125
papers

4,799
citations

81839

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114418

63
g-index

127
all docs

127
docs citations

127
times ranked

3973
citing authors

#	ARTICLE	IF	CITATIONS
1	Milled Wood Lignin: A Linear Oligomer. <i>Biomacromolecules</i> , 2011, 12, 3928-3935.	2.6	255
2	Formamide and the origin of life. <i>Physics of Life Reviews</i> , 2012, 9, 84-104.	1.5	226
3	A possible prebiotic synthesis of purine, adenine, cytosine, and 4(3H)-pyrimidinone from formamide implications for the origin of life. <i>Bioorganic and Medicinal Chemistry</i> , 2001, 9, 1249-1253.	1.4	187
4	Genetics first or metabolism first? The formamide clue. <i>Chemical Society Reviews</i> , 2012, 41, 5526.	18.7	181
5	Meteorite-catalyzed syntheses of nucleosides and of other prebiotic compounds from formamide under proton irradiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E2746-55.	3.3	158
6	One-Pot TiO ₂ -Catalyzed Synthesis of Nucleic Bases and Acyclonucleosides from Formamide: Implications for the Origin of Life. <i>ChemBioChem</i> , 2003, 4, 514-521.	1.3	122
7	Formamide Chemistry and the Origin of Informational Polymers. <i>Chemistry and Biodiversity</i> , 2007, 4, 694-720.	1.0	118
8	Nucleoside Phosphorylation by Phosphate Minerals. <i>Journal of Biological Chemistry</i> , 2007, 282, 16729-16735.	1.6	110
9	Selective oxidation of phenol and anisole derivatives to quinones with hydrogen peroxide and polymer-supported methylrhodium trioxide systems. <i>Tetrahedron</i> , 2002, 58, 8493-8500.	1.0	92
10	Synthesis and Degradation of Nucleobases and Nucleic Acids by Formamide in the Presence of Montmorillonites. <i>ChemBioChem</i> , 2004, 5, 1558-1566.	1.3	87
11	Efficient oxidation of thiophene derivatives with homogeneous and heterogeneous MTO/H ₂ O ₂ systems: A novel approach for oxidative desulfurization (ODS) of diesel fuel. <i>Applied Catalysis B: Environmental</i> , 2009, 89, 239-245.	10.8	85
12	Advances in the Prebiotic Synthesis of Nucleic Acids Bases: Implications for the Origin of Life. <i>Current Organic Chemistry</i> , 2004, 8, 1425-1443.	0.9	83
13	Preparation and Structural Characterization of Polymer-Supported Methylrhodium Trioxide Systems as Efficient and Selective Catalysts for the Epoxidation of Olefins. <i>Journal of Organic Chemistry</i> , 2002, 67, 1323-1332.	1.7	81
14	Synthesis and Degradation of Nucleic Acid Components by Formamide and Iron Sulfur Minerals. <i>Journal of the American Chemical Society</i> , 2008, 130, 15512-15518.	6.6	81
15	Nano-Structured Lignin as Green Antioxidant and UV Shielding Ingredient for Sunscreen Applications. <i>Antioxidants</i> , 2021, 10, 274.	2.2	81
16	The key role of meteorites in the formation of relevant prebiotic molecules in a formamide/water environment. <i>Scientific Reports</i> , 2016, 6, 38888.	1.6	76
17	Meteorites as Catalysts for Prebiotic Chemistry. <i>Chemistry - A European Journal</i> , 2013, 19, 16916-16922.	1.7	73
18	Emergence of the First Catalytic Oligonucleotides in a Formamide-Based Origin Scenario. <i>Chemistry - A European Journal</i> , 2016, 22, 3572-3586.	1.7	65

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19	A Global Scale Scenario for Prebiotic Chemistry: Silica-Based Self-Assembled Mineral Structures and Formamide. <i>Biochemistry</i> , 2016, 55, 2806-2811.	1.2	65
20	Synthesis and Degradation of Nucleic Acid Components by Formamide and Cosmic Dust Analogues. <i>ChemBioChem</i> , 2005, 6, 1368-1374.	1.3	64
21	From formamide to RNA: the roles of formamide and water in the evolution of chemical information. <i>Research in Microbiology</i> , 2009, 160, 441-448.	1.0	61
22	A Universal Geochemical Scenario for Formamide Condensation and Prebiotic Chemistry. <i>Chemistry - A European Journal</i> , 2019, 25, 3181-3189.	1.7	59
23	Origin of Informational Polymers: The Concurrent Roles of Formamide and Phosphates. <i>ChemBioChem</i> , 2006, 7, 1707-1714.	1.3	56
24	Methyltrioxorhenium Catalysis in Nonconventional Solvents: A Great Catalyst in a Safe Reaction Medium. <i>ChemSusChem</i> , 2010, 3, 524-540.	3.6	55
25	Generation of RNA Molecules by a Base-Catalysed Click-Like Reaction. <i>ChemBioChem</i> , 2012, 13, 999-1008.	1.3	53
26	Selective epoxidation of monoterpenes with H ₂ O ₂ and polymer-supported methylrheniumtrioxide systems. <i>Tetrahedron</i> , 2003, 59, 7403-7408.	1.0	52
27	Preparation of wrapped carbon nanotubes poly(4-vinylpyridine)/MTO based heterogeneous catalysts for the oxidative desulfurization (ODS) of model and synthetic diesel fuel. <i>Applied Catalysis B: Environmental</i> , 2017, 200, 392-401.	10.8	51
28	Carbon Nanotubes as Activating Tyrosinase Supports for the Selective Synthesis of Catechols. <i>ACS Catalysis</i> , 2014, 4, 810-822.	5.5	50
29	Regioselective IBX-Mediated Synthesis of Coumarin Derivatives with Antioxidant and Anti-influenza Activities. <i>Journal of Natural Products</i> , 2017, 80, 3247-3254.	1.5	49
30	A new and efficient Baeyer-Villiger rearrangement of flavanone derivatives by the methyltrioxorhenium/H ₂ O ₂ catalytic system. <i>Tetrahedron Letters</i> , 2001, 42, 5401-5404.	0.7	48
31	Prebiotic synthesis of nucleic acids and their building blocks at the atomic level – merging models and mechanisms from advanced computations and experiments. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 20047-20066.	1.3	48
32	Origin of Informational Polymers. <i>Journal of Biological Chemistry</i> , 2006, 281, 5790-5796.	1.6	45
33	Oxidative functionalisation of lignin by layer-by-layer immobilised laccases and laccase microcapsules. <i>Applied Catalysis A: General</i> , 2010, 372, 115-123.	2.2	45
34	Novel multienzyme oxidative biocatalyst for lignin bioprocessing. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 5071-5078.	1.4	45
35	Tannin Structural Elucidation and Quantitative ³¹ P NMR Analysis. 1. Model Compounds. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 9307-9315.	2.4	45
36	Mechanism of Degradation of Purine Nucleosides by Formamide. Implications for Chemical DNA Sequencing Procedures. <i>Journal of the American Chemical Society</i> , 1996, 118, 5615-5619.	6.6	43

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37	Silica Metal Oxide Vesicles Catalyze Comprehensive Prebiotic Chemistry. <i>Chemistry - A European Journal</i> , 2018, 24, 8126-8132.	1.7	43
38	The Effects of Borate Minerals on the Synthesis of Nucleic Acid Bases, Amino Acids and Biogenic Carboxylic Acids from Formamide. <i>Origins of Life and Evolution of Biospheres</i> , 2011, 41, 317-330.	0.8	42
39	Intracellular Redox State as Target for Anti-Influenza Therapy: Are Antioxidants Always Effective?. <i>Current Topics in Medicinal Chemistry</i> , 2014, 14, 2529-2541.	1.0	42
40	Functionalized Tyrosinase-Lignin Nanoparticles as Sustainable Catalysts for the Oxidation of Phenols. <i>Nanomaterials</i> , 2018, 8, 438.	1.9	41
41	SBA-15 Anchored Metal Containing Catalysts in the Oxidative Desulfurization Process. <i>Catalysts</i> , 2019, 9, 984.	1.6	41
42	Layer-by-Layer Preparation of Microcapsules and Nanocapsules of Mixed Polyphenols with High Antioxidant and UV-Shielding Properties. <i>Biomacromolecules</i> , 2018, 19, 3883-3893.	2.6	40
43	A new and efficient synthesis of ortho- and para-benzoquinones of cardanol derivatives by the catalytic system $\text{MeReO}_3 \cdot \text{H}_2\text{O}_2$. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000, , 581-586.	1.3	39
44	On the Prebiotic Synthesis of Nucleobases, Nucleotides, Oligonucleotides, Pre-RNA and Pre-DNA Molecules. , 0, , 29-68.		39
45	Layer-by-Layer coated tyrosinase: An efficient and selective synthesis of catechols. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 157-166.	1.4	38
46	Selective Oxidation of Uracil and Adenine Derivatives by the Catalytic System $\text{MeReO}_3/\text{H}_2\text{O}_2$ and $\text{MeReO}_3/\text{Urea Hydrogen Peroxide}$. <i>Tetrahedron</i> , 2000, 56, 10031-10037.	1.0	37
47	The Role of the Formamide/Zirconia System in the Synthesis of Nucleobases and Biogenic Carboxylic Acid Derivatives. <i>Journal of Molecular Evolution</i> , 2010, 71, 100-110.	0.8	36
48	Proton irradiation: a key to the challenge of N-glycosidic bond formation in a prebiotic context. <i>Scientific Reports</i> , 2017, 7, 14709.	1.6	35
49	Catalytic effects of Murchison Material: Prebiotic Synthesis and Degradation of RNA Precursors. <i>Origins of Life and Evolution of Biospheres</i> , 2011, 41, 437-451.	0.8	34
50	First Evidence on the Role of Heavy Ion Irradiation of Meteorites and Formamide in the Origin of Biomolecules. <i>Origins of Life and Evolution of Biospheres</i> , 2016, 46, 515-521.	0.8	34
51	A novel and efficient catalytic epoxidation of monoterpenes by homogeneous and heterogeneous methyltrioxorhenium in ionic liquids. <i>Applied Catalysis A: General</i> , 2009, 360, 171-176.	2.2	33
52	Photochemical Synthesis of Citric Acid Cycle Intermediates Based on Titanium Dioxide. <i>Astrobiology</i> , 2011, 11, 815-824.	1.5	33
53	Carbon nanotubes supported tyrosinase in the synthesis of lipophilic hydroxytyrosol and dihydrocaffeoyl catechols with antiviral activity against DNA and RNA viruses. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 5345-5351.	1.4	33
54	Layer by layer supported laccase on lignin nanoparticles catalyzes the selective oxidation of alcohols to aldehydes. <i>Catalysis Science and Technology</i> , 2019, 9, 4125-4134.	2.1	33

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55	Lignin nanoparticles are renewable and functional platforms for the concanavalin a oriented immobilization of glucose oxidaseâ€“peroxidase in cascade bio-sensing. RSC Advances, 2020, 10, 29031-29042.	1.7	31
56	Tyrosinase and Layer-by-Layer supported tyrosinases in the synthesis of lipophilic catechols with antiinfluenza activity. Bioorganic and Medicinal Chemistry, 2013, 21, 7699-7708.	1.4	30
57	Transformations of thiopyrimidine and thiopurine nucleosides following oxidation with dimethyldioxirane. Tetrahedron, 1996, 52, 6759-6780.	1.0	29
58	Astrochemistry and Astrobiology: Materials Sciencein Wonderland?. International Journal of Molecular Sciences, 2019, 20, 4079.	1.8	29
59	Enzyme-Lignin Nanocapsules Are Sustainable Catalysts and Vehicles for the Preparation of Unique Polyvalent Bioinks. Biomacromolecules, 2019, 20, 1975-1988.	2.6	29
60	Catalytic MTO-based Câ€“H insertion reactions of hydrogen peroxide: an investigation on the polymeric support role in heterogeneous conditions. Topics in Catalysis, 2006, 40, 221-227.	1.3	27
61	A selective de-O-methylation of guaiacyl lignans to corresponding catechol derivatives by 2-iodoxybenzoic acid (IBX). The role of the catechol moiety on the toxicity of lignans. Organic and Biomolecular Chemistry, 2009, 7, 2367.	1.5	26
62	Versatile and Efficient Immobilization of 2-Deoxyribose-5-phosphate Aldolase (DERA) on Multiwalled Carbon Nanotubes. ACS Catalysis, 2014, 4, 3059-3068.	5.5	26
63	Oxidation of substituted 2-thiouracils and pyrimidine-2-thione with ozone and 3,3-dimethyl-1,2-dioxirane.. Tetrahedron, 1994, 50, 3259-3272.	1.0	25
64	Origin of Informational Polymers. Journal of Biological Chemistry, 2005, 280, 35658-35669.	1.6	25
65	A Novel and Efficient Synthesis of Tocopheryl Quinones by Homogeneous and Heterogeneous Methyltrioxorhenium/Hydrogen Peroxide Catalytic Systems. Advanced Synthesis and Catalysis, 2008, 350, 321-331.	2.1	24
66	Chitin- and chitosan-anchored methyltrioxorhenium: An innovative approach for selective heterogeneous catalytic epoxidations of olefins. Journal of Catalysis, 2010, 276, 412-422.	3.1	23
67	Formamide-based prebiotic chemistry in the Phlegrean Fields. Advances in Space Research, 2018, 62, 2372-2379.	1.2	23
68	Advances in biotechnological synthetic applications of carbon nanostructured systems. Journal of Materials Chemistry B, 2017, 5, 6490-6510.	2.9	21
69	Synthesis and Evaluation of Artemisinin-Based Hybrid and Dimer Derivatives as Antimelanoma Agents. ACS Omega, 2020, 5, 243-251.	1.6	20
70	Current Advances in Prebiotic Chemistry Under Space Conditions. Current Organic Chemistry, 2015, 19, 1963-1979.	0.9	20
71	Synthesis of 2â€“Deoxyâ€“1â€“â€“Homoâ€“N</i>â€“nucleosides with Antiâ€“Influenza Activity by Catalytic Methyltrioxorhenium (MTO)/H₂O₂ Oxyfunctionalization. Chemistry - A European Journal, 2013, 19, 2392-2404.	1.7	19
72	Dye Degradation by Layerâ€“byâ€“Layer Immobilised Peroxidase/Redox Mediator Systems. ChemCatChem, 2013, 5, 1407-1415.	1.8	19

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73	The role of borosilicate glass in Miller-Urey experiment. <i>Scientific Reports</i> , 2021, 11, 21009.	1.6	19
74	Ozonation of thionucleosides. A new chemical transformation of 4-thiouracil and 6-thioguanine nucleosides to cytosine and adenosine counterparts. <i>Tetrahedron</i> , 1995, 51, 3607-3616.	1.0	18
75	A novel oxidative side-chain transformation of α -amino acids and peptides by methyltrioxorhenium/H ₂ O ₂ system. <i>Tetrahedron Letters</i> , 2004, 45, 9237-9240.	0.7	18
76	A novel and efficient synthesis of highly oxidized lignans by a methyltrioxorhenium/hydrogen peroxide catalytic system. Studies on their apoptogenic and antioxidant activity. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 5676-5682.	1.4	18
77	A Novel Synthesis of Bioactive Catechols by Layer-by-Layer Immobilized Tyrosinase in an Organic Solvent Medium. <i>ChemCatChem</i> , 2012, 4, 89-99.	1.8	18
78	Prebiotic synthesis of carboxylic acids, amino acids and nucleic acid bases from formamide under photochemical conditions. <i>European Physical Journal Plus</i> , 2017, 132, 1.	1.2	18
79	Synthesis of Stilbene and Chalcone Inhibitors of Influenza A Virus by SBA-15 Supported Hoveyda-Grubbs Metathesis. <i>Catalysts</i> , 2019, 9, 983.	1.6	18
80	Artemisinin Derivatives with Antimelanoma Activity Show Inhibitory Effect against Human DNA Topoisomerase 1. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 1035-1040.	1.3	18
81	Insoluble organic matter in chondrites: Archetypal melanin-like PAH-based multifunctionality at the origin of life?. <i>Physics of Life Reviews</i> , 2021, 37, 65-93.	1.5	18
82	Green and Scalable Preparation of Colloidal Suspension of Lignin Nanoparticles and Its Application in Eco-friendly Sunscreen Formulations. <i>ACS Omega</i> , 2021, 6, 21444-21456.	1.6	18
83	An Efficient and Selective Epoxidation of Olefins with Novel Methyltrioxorhenium/(Fluorous) Tj ETQq1 1 0.784314 r _{BT} /Overlock 10 Tj	2.1	17
84	Highly efficient synthesis of aldehydes by layer by layer multi-walled carbon nanotubes (MWCNTs) laccase mediator systems. <i>Applied Catalysis A: General</i> , 2015, 499, 77-88.	2.2	17
85	The Prevailing Catalytic Role of Meteorites in Formamide Prebiotic Processes. <i>Life</i> , 2018, 8, 6.	1.1	17
86	Dimethyldioxirane oxidations: A new and efficient desulfurization of thiopyrimidine and thiopurine nucleosides.. <i>Tetrahedron Letters</i> , 1993, 34, 7785-7788.	0.7	16
87	Tyrosinase-Treated Hydroxytyrosol-Enriched Olive Vegetation Waste with Increased Antioxidant Activity Promotes Autophagy and Inhibits the Inflammatory Response in Human THP-1 Monocytes. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 12274-12284.	2.4	16
88	Laccase-Mediated Enhancement of the Antioxidant Activity of Propolis and Poplar Bud Exudates. <i>ACS Omega</i> , 2017, 2, 2515-2523.	1.6	15
89	Chemomimesis and Molecular Darwinism in Action: From Abiotic Generation of Nucleobases to Nucleosides and RNA. <i>Life</i> , 2018, 8, 24.	1.1	15
90	Oxidative Bio-Desulfurization by Nanostructured Peroxidase Mediator System. <i>Catalysts</i> , 2020, 10, 313.	1.6	15

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91	Prebiotic Organic Chemistry of Formamide and the Origin of Life in Planetary Conditions: What We Know and What Is the Future. <i>International Journal of Molecular Sciences</i> , 2021, 22, 917.	1.8	15
92	Methyltrioxorhenium catalysed synthesis of highly oxidised aryltetralin lignans with anti-topoisomerase II and apoptogenic activities. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 5949-5960.	1.4	14
93	Synthesis of Aldehydes by Layer-by-Layer Immobilized Laccases in the Presence of Redox Mediators. <i>ChemCatChem</i> , 2012, 4, 1987-1996.	1.8	14
94	Ionic liquids in methyltrioxorhenium catalyzed epoxidation-methanolysis of glycals under homogeneous and heterogeneous conditions. <i>Journal of Molecular Catalysis A</i> , 2008, 284, 108-115.	4.8	13
95	Tyrosinase mediated oxidative functionalization in the synthesis of DOPA-derived peptidomimetics with anti-Parkinson activity. <i>RSC Advances</i> , 2017, 7, 20502-20509.	1.7	13
96	Oxidative nucleophilic substitution selectively produces cambinol derivatives with antiproliferative activity on bladder cancer cell lines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 78-82.	1.0	12
97	Aminomalononitrile inspired prebiotic chemistry as a novel multicomponent tool for the synthesis of imidazole and purine derivatives with anti-influenza A virus activity. <i>RSC Advances</i> , 2021, 11, 30020-30029.	1.7	11
98	Homogentisic Acid and Gentisic Acid Biosynthesized Pyomelanin Mimics: Structural Characterization and Antioxidant Activity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1739.	1.8	11
99	Selective Synthesis of DOPA and DOPA Peptides by Native and Immobilized Tyrosinase in Organic Solvent. <i>ChemPlusChem</i> , 2013, 78, 325-330.	1.3	10
100	Meteorite-Assisted Phosphorylation of Adenosine Under Proton Irradiation Conditions. <i>ChemSystemsChem</i> , 2020, 2, e1900039.	1.1	10
101	Biomimetic synthesis of galantamine via laccase/TEMPO mediated oxidative coupling. <i>RSC Advances</i> , 2020, 10, 10897-10903.	1.7	10
102	Current Advances in L-DOPA and DOPA-Peptidomimetics: Chemistry, Applications and Biological Activity. <i>Current Medicinal Chemistry</i> , 2015, 22, 4138-4165.	1.2	10
103	Rewarming the Primordial Soup: Revisitations and Rediscoveries in Prebiotic Chemistry. <i>ChemBioChem</i> , 2018, 19, 22-25.	1.3	9
104	L-DOPA-quinone Mediated Recovery from GIRK Channel Firing Inhibition in Dopaminergic Neurons. <i>ACS Medicinal Chemistry Letters</i> , 2019, 10, 431-436.	1.3	9
105	Novel Nanoarchitectures Based on Lignin Nanoparticles for Electrochemical Eco-Friendly Biosensing Development. <i>Nanomaterials</i> , 2021, 11, 718.	1.9	9
106	Lignin Nanoparticles Deliver Novel Thymine Biomimetic Photo-Adducts with Antimelanoma Activity. <i>International Journal of Molecular Sciences</i> , 2022, 23, 915.	1.8	9
107	Dendrimer crown-ether tethered multi-wall carbon nanotubes support methyltrioxorhenium in the selective oxidation of olefins to epoxides. <i>RSC Advances</i> , 2020, 10, 17185-17194.	1.7	8
108	Stereoselective Access to Antimelanoma Agents by Hybridization and Dimerization of Dihydroartemisinin and Artesunic acid. <i>ChemMedChem</i> , 2021, 16, 2270-2277.	1.6	8

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109	Oxidative Coupling of Coumarins by Blue-LED-Driven <i>in situ</i> Activation of Horseradish Peroxidase in a Two-Phase System. <i>ChemCatChem</i> , 2021, 13, 4151-4158.	1.8	8
110	Fungal biomarkers are detectable in Martian rock-analogues after space exposure: implications for the search of life on Mars. <i>International Journal of Astrobiology</i> , 2021, 20, 345-358.	0.9	8
111	Multicomponent Reactions in the Synthesis of Antiviral Compounds. <i>Current Medicinal Chemistry</i> , 2022, 29, 2013-2050.	1.2	7
112	On the binding site of quinolone antibacterials. An attempt to probe the shen model. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1996, 6, 2333-2338.	1.0	6
113	Materials for the Onset. A story of necessity and chance.. <i>Frontiers in Bioscience - Landmark</i> , 2013, 18, 1275.	3.0	6
114	Iodoxybenzoic Acid Supported on Multi Walled Carbon Nanotubes as Biomimetic Environmental Friendly Oxidative Systems for the Oxidation of Alcohols to Aldehydes. <i>Nanomaterials</i> , 2018, 8, 516.	1.9	6
115	High-Energy Proton-Beam-Induced Polymerization/Oxygenation of Hydroxynaphthalenes on Meteorites and Nitrogen Transfer from Urea: Modeling Insoluble Organic Matter?. <i>Chemistry - A European Journal</i> , 2020, 26, 14919-14928.	1.7	6
116	Laccase-Catalyzed 1,4-Dioxane-Mediated Synthesis of Belladine N-Oxides with Anti-Influenza A Virus Activity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1337.	1.8	6
117	Meteorite-catalyzed intermolecular <i>trans</i> -glycosylation produces nucleosides under proton beam irradiation. <i>RSC Advances</i> , 2021, 11, 19258-19264.	1.7	6
118	Fungal Biomarkers Stability in Mars Regolith Analogues after Simulated Space and Mars-like Conditions. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 859.	1.5	6
119	Laccase Mediator Cocktail System as a Sustainable Skin Whitening Agent for Deep Eumelanin Decolorization. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6238.	1.8	5
120	Dendrimeric Structures in the Synthesis of Fine Chemicals. <i>Materials</i> , 2021, 14, 5318.	1.3	3
121	Computational investigation of the primordial soup. <i>Physics of Life Reviews</i> , 2020, 34-35, 149-152.	1.5	2
122	Investigation of fungal biomolecules after Low Earth Orbit exposure: a testbed for the next Moon missions. <i>Environmental Microbiology</i> , 2022, , .	1.8	2
123	A Three-Way Regioselective Synthesis of Amino Acid Decorated Imidazole, Purine and Pyrimidine Derivatives by Multicomponent Chemistry Starting from Prebiotic Diaminomaleonitrile. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	1.2	2
124	Ariel "a window to the origin of life on early earth?. <i>Experimental Astronomy</i> , 2020, , 1.	1.6	1
125	From chemical complexity to origin of life. <i>Physics of Life Reviews</i> , 2020, 32, 111-113.	1.5	0