

# Joaquim Henrique Teles

## List of Publications by Year in descending order

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46  
papers

4,765  
citations

201674

27  
h-index

182427

51  
g-index

71  
all docs

71  
docs citations

71  
times ranked

3947  
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient epoxidation over dinuclear sites in titanium silicalite-1. <i>Nature</i> , 2020, 586, 708-713.	27.8	158
2	Can Gold be an Effective Catalyst for the Deacon Reaction?. <i>Catalysis Letters</i> , 2020, 150, 2991-2995.	2.6	5
3	Technical Synthesis of 1,5,9-Cyclododecatriene Revisited: Surprising Byproducts from a Venerable Industrial Process. <i>Journal of Organic Chemistry</i> , 2019, 84, 13211-13220.	3.2	6
4	Across the Board: J. Henrique Teles. <i>ChemSusChem</i> , 2019, 12, 338-339.	6.8	4
5	Selective Decomposition of Cyclohexyl Hydroperoxide using Homogeneous and Heterogeneous Cr <sup>VI</sup> Catalysts: Optimizing the Reaction by Evaluating the Reaction Mechanism. <i>ChemCatChem</i> , 2018, 10, 2755-2767.	3.7	7
6	Photoinduced Direct Conversion of Cyclohexane into Cyclohexanone Oxime using LEDs. <i>ChemPhotoChem</i> , 2018, 2, 22-26.	3.0	7
7	Synthesis of Mono- and Dinuclear Vanadium Complexes and Their Reactivity toward Dehydroperoxidation of Alkyl Hydroperoxides. <i>Inorganic Chemistry</i> , 2017, 56, 1319-1332.	4.0	25
8	Clean Transformation of Ethanol to Useful Chemicals. The Behavior of a Gold-Modified Silicalite Catalyst. <i>Molecules</i> , 2016, 21, 379.	3.8	4
9	Industrielle Anwendungen von Goldkatalysatoren. <i>Angewandte Chemie</i> , 2016, 128, 14420-14428.	2.0	17
10	Industrial Applications of Gold Catalysis. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14210-14217.	13.8	161
11	Oxidative Addition to Gold(I): A New Avenue in Homogeneous Catalysis with Au. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 5556-5558.	13.8	33
12	Formation Mechanism of Alkyl Nitrites, Valuable Intermediates in C1-Upgrading Chemistry and Oxidation Processes. <i>Topics in Catalysis</i> , 2014, 57, 1256-1264.	2.8	6
13	Ruthenium Carbenes Supported on Mesoporous Silicas as Highly Active and Selective Hybrid Catalysts for Olefin Metathesis Reactions under Continuous Flow. <i>Chemistry - A European Journal</i> , 2013, 19, 11661-11671.	3.3	52
14	Umpolung by N-Heterocyclic Carbenes: Generation and Reactivity of the Elusive 2,2-Diamino Enols (Breslow Intermediates). <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12370-12374.	13.8	166
15	Linker-Free, Silica-Bound Olefin Metathesis Catalysts: Applications in Heterogeneous Catalysis. <i>Chemistry - A European Journal</i> , 2012, 18, 14717-14724.	3.3	42
16	Hydration and Hydroalkoxylation of CC Multiple Bonds. , 2012, , 201-235.		16
17	Olefin Metathesis on a TLC Plate as a Tool for a High-Throughput Screening of Catalyst-Substrate Sets. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 1043-1051.	4.3	25
18	Catalytic Transformation of Ethanol with Silicalite-1: Influence of Pretreatments and Conditions on Activity and Selectivity. <i>ChemCatChem</i> , 2010, 2, 1587-1593.	3.7	7

#	ARTICLE	IF	CITATIONS
19	Titelbild: Umpolung von Aldehyden mit N-heterocyclischen Carbenen: NMR-Charakterisierung des Breslow-Intermediats in seiner Ketoform und eines Spirodioxolans als "resting state" des katalytischen Systems (Angew. Chem. 39/2010). Angewandte Chemie, 2010, 122, 7063-7063.	2.0	3
20	Aldehyde Umpolung by N-Heterocyclic Carbenes: NMR Characterization of the Breslow Intermediate in its Keto Form, and a Spiro-Dioxolane as the Resting State of the Catalytic System. Angewandte Chemie - International Edition, 2010, 49, 7120-7124.	13.8	132
21	Cover Picture: Aldehyde Umpolung by N-Heterocyclic Carbenes: NMR Characterization of the Breslow Intermediate in its Keto Form, and a Spiro-Dioxolane as the Resting State of the Catalytic System (Angew. Chem. Int. Ed. 39/2010). Angewandte Chemie - International Edition, 2010, 49, 6909-6909.	13.8	0
22	Sustainability in Catalytic Oxidation: An Alternative Approach or a Structural Evolution?. ChemSusChem, 2009, 2, 508-534.	6.8	485
23	Bisphenols from Furfurals by Organocatalysis and Gold Catalysis. Synlett, 2007, 2007, 1747-1752.	1.8	45
24	The Activation of O <sub>2</sub> at Ruthenium Complexes: Catalytic Chlorination of Unsaturated Organic Substrates within the System O <sub>2</sub> /HCl/H <sub>2</sub> O. Advanced Synthesis and Catalysis, 2001, 343, 447-449.	4.3	24
25	Zinc Silicates: Very Efficient Heterogeneous Catalysts for the Addition of Primary Alcohols to Alkynes and Allenes. Angewandte Chemie - International Edition, 1999, 38, 1401-1405.	13.8	41
26	Zinksilicate: hochwirksame heterogene Katalysatoren für die Addition primärer Alkohole an Alkine und Allene. Angewandte Chemie, 1999, 111, 1497-1502.	2.0	0
27	Cationic Gold(I) Complexes: Highly Efficient Catalysts for the Addition of Alcohols to Alkynes. Angewandte Chemie - International Edition, 1998, 37, 1415-1418.	13.8	713
28	Cationic Gold(I) Complexes: Highly Efficient Catalysts for the Addition of Alcohols to Alkynes. Angewandte Chemie - International Edition, 1998, 37, 1415-1418.	13.8	5
29	A stable carbene as $\pi$ -acceptor electrochemical reduction to the radical anion. Tetrahedron Letters, 1997, 38, 2833-2836.	1.4	46
30	Diastereoselective Synthesis of the First Enantiomerically Pure (Triazolinylidene)ruthenium(ii) and -rhodium(iii) Chelate Complexes. Chemische Berichte, 1997, 130, 1253-1260.	0.2	46
31	The Role of Conjugative Interaction in Stable Carbenes of the 1,2,4-Triazol-5-ylidene Type and their Energy of Dimerization. An Ab Initio Study. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 1996, 51, 95-101.	1.5	11
32	The Chemistry of Stable Carbenes. Part 2. Benzoin-type condensations of formaldehyde catalyzed by stable carbenes. Helvetica Chimica Acta, 1996, 79, 61-83.	1.6	181
33	A Novel Asymmetric Benzoin Reaction Catalyzed by a Chiral Triazolium Salt. Preliminary communication. Helvetica Chimica Acta, 1996, 79, 1217-1221.	1.6	212
34	The First Asymmetric Intramolecular Stetter Reaction. Preliminary Communication. Helvetica Chimica Acta, 1996, 79, 1899-1902.	1.6	282
35	Chemical Reactions of the Stable Carbene 1,3,4-Triphenyl-4,5-dihydro-1 <i>H</i> -1,2,4-triazol-5-ylidene. Liebigs Annalen, 1996, 1996, 2019-2028.	0.8	124
36	Synthesis and Stereochemistry of the First Chiral (Imidazolinylidene) and (Triazolinylidene)palladium(ii) Complexes. Chemische Berichte, 1996, 129, 1483-1488.	0.2	160

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37	Darstellung, Struktur und Reaktivität von 1,3,4-Triphenyl-4,5-dihydro-1H-1,2,4-triazol-5-yliden, einem neuen stabilen Carben. <i>Angewandte Chemie</i> , 1995, 107, 1119-1122.	2.0	196
38	Preparation, Structure, and Reactivity of 1,3,4-Triphenyl-4,5-dihydro-1H-1,2,4-triazol-5-ylidene, a New Stable Carbene. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 1021-1023.	4.4	522
39	Perturbation of the Degenerate, Concerted Cope Rearrangement by Two Phenyl Groups in Active Positions of (E)-1,4-Diphenylhexa-1,5-diene. Acceleration by High Pressure as Criterion of Cyclic Transition States. <i>Journal of the American Chemical Society</i> , 1994, 116, 4289-4297.	13.7	42
40	A Contribution to the Direct Observation of a Didehydroheteroaromatic with a Five-Membered Ring: 2,3-Didehydrothiophene. <i>Chemische Berichte</i> , 1992, 125, 423-431.	0.2	16
41	Dipole-dipole interactions between the terminal groups of 1,n-diazenecarboxy alkanes, n= 1, 2, 6. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1990, 86, 4011-4016.	1.7	12
42	Infrared Spectra and Photochemistry of Isodiazene and Its Deuterated Isotopomers. <i>Chemische Berichte</i> , 1989, 122, 749-752.	0.2	20
43	The CHNO Isomers. <i>Chemische Berichte</i> , 1989, 122, 753-766.	0.2	141
44	Carboxim (Isoknallsäure). <i>Angewandte Chemie</i> , 1988, 100, 1014-1015.	2.0	7
45	Carboxime (Isifulminic Acid). <i>Angewandte Chemie International Edition in English</i> , 1988, 27, 938-939.	4.4	16
46	Isolation and Photoisomerization of Simply Substituted Nitrile Oxides. <i>Angewandte Chemie International Edition in English</i> , 1987, 26, 155-156.	4.4	43