

# Cezar C Comanescu

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

571  
citations

758635

12  
h-index

713013

21  
g-index

24  
all docs

24  
docs citations

24  
times ranked

498  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and Reactivity of a Nucleophilic Palladium(II) Carbene. <i>Organometallics</i> , 2014, 33, 6059-6064.	1.1	87
2	Palladium carbene complexes as persistent radicals. <i>Chemical Science</i> , 2015, 6, 4570-4579.	3.7	58
3	C-H Activation Reactions of a Nucleophilic Palladium Carbene. <i>Organometallics</i> , 2015, 34, 4684-4692.	1.1	57
4	Frustrated Lewis pair-like reactions of nucleophilic palladium carbenes with B(C <sub>6</sub> F <sub>5</sub> ) <sub>3</sub> . <i>Chemical Communications</i> , 2015, 51, 6206-6209.	2.2	55
5	E-H (E = B, Si, Ge) bond activation of pinacolborane, silanes, and germanes by nucleophilic palladium carbene complexes. <i>Chemical Communications</i> , 2016, 52, 9048-9051.	2.2	55
6	Palladium-Catalyzed Formal (5 + 2) Annulation between <i>ortho</i> -Alkenylanilides and Allenes. <i>Organic Letters</i> , 2017, 19, 1674-1677.	2.4	48
7	Rhodium-Catalyzed Annulation of <i>ortho</i> -Alkenyl Anilides with Alkynes: Formation of Unexpected Naphthalene Adducts. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1700-1704.	7.2	31
8	Flexible Coordination of Diphosphine Ligands Leading to cis and trans Pd(0), Pd(II), and Rh(I) Complexes. <i>Inorganic Chemistry</i> , 2014, 53, 8517-8528.	1.9	28
9	Nanoconfinement in activated mesoporous carbon of calcium borohydride for improved reversible hydrogen storage. <i>Nanotechnology</i> , 2012, 23, 385401.	1.3	24
10	E-H (E = N, O) bond activation by a nucleophilic palladium carbene. <i>Polyhedron</i> , 2018, 143, 176-183.	1.0	24
11	Formation of Palladium <sup>2+</sup> -Bound Chalcogenoketones across a Pd <sup>+</sup> -C <sup>+</sup> Bond. <i>Chemistry - A European Journal</i> , 2017, 23, 16948-16952.	1.7	22
12	Mesoporous Cobalt Ferrite Nanosystems Obtained by Surfactant-Assisted Hydrothermal Method: Tuning Morpho-structural and Magnetic Properties via pH-Variation. <i>Nanomaterials</i> , 2020, 10, 476.	1.9	20
13	Influence of the Leaving Group on C-H Activation Pathways in Palladium Pincer Complexes. <i>Organometallics</i> , 2018, 37, 2086-2094.	1.1	12
14	Recent Development in Nanoconfined Hydrides for Energy Storage. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7111.	1.8	12
15	Complex Metal Borohydrides: From Laboratory Oddities to Prime Candidates in Energy Storage Applications. <i>Materials</i> , 2022, 15, 2286.	1.3	10
16	Optimization of magnetic fluid hyperthermia with respect to nanoparticle shape-related parameters: case of magnetite ellipsoidal nanoparticles. <i>Journal of Nanoparticle Research</i> , 2020, 22, 1.	0.8	9
17	Antimicrobial coatings - obtaining and characterization. <i>Bulletin of Materials Science</i> , 2013, 36, 183-188.	0.8	8
18	Structural, Magnetic, and Mössbauer Investigation of Ordered Iron Nitride with Martensitic Structure Obtained from Amorphous Hematite Synthesized via the Microwave Route. <i>Industrial &amp; Engineering Chemistry Research</i> , 2017, 56, 2958-2966.	1.8	5

#	ARTICLE	IF	CITATIONS
19	Synthesis and characterization of novel mesocomposites Co <sub>3</sub> O <sub>4</sub> and CuO@OMS (ordered mesoporous) Tj ETQq1 1 0,784314 rgBT /Ov	0,8	2
20	Reactivity of a Pd(II) carbene towards 2,6-dimesitylphenyldiazomethane and 2,6-dimesitylphenylazide. Polyhedron, 2019, 158, 352-356.	1.0	2
21	Rhodium-Catalyzed Annulation of ortho -Alkenyl Anilides with Alkynes: Formation of Unexpected Naphthalene Adducts. Angewandte Chemie, 2019, 131, 1714-1718.	1.6	1
22	New superdielectric materials: (1-x) SrFe <sub>12</sub> O <sub>19</sub> -x BNT-BT nanocomposites. Physica B: Condensed Matter, 2022, 642, 414139.	1.3	1
23	Crystal structure of catena-poly[[potassium-tri(1/4-dimethylacetamide- <sup>16</sup> O:O) iodide]. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, 196-198.	0.2	0
24	Mössbauer spectroscopy investigation of Fe oxide nanoparticles synthesized by a novel hydrothermal process over a wide pH range (3-13). Hyperfine Interactions, 2021, 242, 1.	0.2	0