

Gabor Schubert

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22
papers

958
citations

14
h-index

23
g-index

23
ext. papers

1,015
ext. citations

4.5
avg, IF

3.71
L-index

#	Paper	IF	Citations
22	Theoretical studies on the bifunctionality of chiral thiourea-based organocatalysts: competing routes to C-C bond formation. <i>Journal of the American Chemical Society</i> , 2006 , 128, 13151-60	16.4	367
21	Mechanistic Details of Nickel(0)-Assisted Oxidative Coupling of CO ₂ with C ₂ H ₄ . <i>Organometallics</i> , 2004 , 23, 5252-5259	3.8	89
20	Mechanism of formation of organic carbonates from aliphatic alcohols and carbon dioxide under mild conditions promoted by carbodiimides. DFT calculation and experimental study. <i>Journal of Organic Chemistry</i> , 2005 , 70, 6177-86	4.2	81
19	Acrylate formation via metal-assisted C-C coupling between CO ₂ and C ₂ H ₄ : reaction mechanism as revealed from density functional calculations. <i>Journal of the American Chemical Society</i> , 2003 , 125, 14847-58	16.4	58
18	Theoretical investigation of catalytic HCO ₃ ⁻ hydrogenation in aqueous solutions. <i>Catalysis Today</i> , 2006 , 115, 53-60	5.3	49
17	Reaction mechanism of the direct carboxylation of methanol to dimethylcarbonate: experimental and theoretical studies. <i>Topics in Catalysis</i> , 2006 , 40, 71-81	2.3	48
16	Theoretical Mechanistic Study of Rhodium(I) Phosphine-Catalyzed H/D Exchange Processes in Aqueous Solutions. <i>Organometallics</i> , 2005 , 24, 3059-3065	3.8	46
15	2A _{1g} and 2A _{1g} Energy Surfaces for the Sc + CO ₂ → ScO + CO Reaction. <i>Journal of Physical Chemistry A</i> , 2002 , 106, 9551-9557	2.8	39
14	On the Existence of the Elusive Monomethyl Ester of Carbonic Acid [CH ₃ OC(O)OH] at 300 K: 1H- and 13C NMR Measurements and DFT Calculations. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 908-913	2.3	38
13	Determination of the retention behavior of barbituric acid derivatives in reversed-phase high-performance liquid chromatography by using quantitative structure-retention relationships. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2002 , 770, 227-36	3.2	22
12	Behaviour of [PdH(dppe) ₂]X (X=CF ₃ SO ₃ ⁻ , SbF ₆ ⁻ , BF ₄ ⁻) as proton or hydride donor: relevance to catalysis. <i>Chemistry - A European Journal</i> , 2004 , 10, 3708-16	4.8	18
11	Unprecedented formal 1,2-addition of allene to CO ₂ promoted by [RhCl(C ₂ H ₄)(PiPr ₃) ₂]: direct synthesis of the four membered lactone 1-methylene-1,3-dioxetane. The intermediacy of [RhH ₂ Cl(PiPr ₃) ₂]: theoretical aspects and experiments. <i>Inorganica Chimica Acta</i> , 2002 , 334, 294-300	2.7	18
10	Synthesis, characterization, and reactivity of cationic hydride [HPd(diphosphine)(2)](+)CF ₃ SO ₃ (-), the missing member of the family [HM(dppe)(2)](+)X(-) (M = Ni, Pd, Pt). DFT QM/MM structural predictions for the [HPd(dppe)(2)](+) moiety. <i>Inorganic Chemistry</i> , 2002 , 41, 6550-2	5.1	17
9	Synthesis and structure study of some catecholase-mimetic iron complexes. <i>Inorganica Chimica Acta</i> , 2006 , 359, 2329-2336	2.7	15
8	Structure and Properties of the [Ru(bpy)(CN) ₄] ²⁻ Complex and Its Solvent Environment: X-ray Diffraction and Density Functional Study. <i>Journal of Physical Chemistry A</i> , 2003 , 107, 9903-9909	2.8	14
7	All Along the h-Index-related Literature: A Guided Tour. <i>Springer Handbooks</i> , 2019 , 301-334	1.3	10
6	Structural investigation of liquid formic acid by neutron diffraction. II: Isotopic substitution for DCOO[H/D]. <i>Chemical Physics</i> , 2004 , 306, 241-251	2.3	9

5	Theoretical analysis of bis(ethylene) complexes of molybdenum and tungsten. <i>Journal of Organometallic Chemistry</i> , 2002 , 663, 83-90	2.3	7
4	PCA, FOLLOWED BY TWO-DIMENSIONAL NONLINEAR MAPPING AND CLUSTER ANALYSIS, VERSUS MULTILINEAR REGRESSION IN QSRR. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2002 , 25, 1-16	1.3	6
3	The most cited books in analytical chemistry. <i>Analytical Chemistry</i> , 2001 , 73, 667A-669A	7.8	5
2	Whatever happened to Garfield's constant?. <i>Scientometrics</i> , 2018 , 114, 659-667	3	1
1	The Fullerene Research Scene of the Mid-90'S. <i>Fullerenes, Nanotubes, and Carbon Nanostructures</i> , 1999 , 7, 117-122		